Full&Default Power Mode

GSM850 Ant0

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	32.90	32.97	32.94	33.50	23.90	23.97	23.94	24.50
GPRS 1 Tx slot	32.83	32.94	32.91	33.50	23.83	23.94	23.91	24.50
GPRS 2 Tx slots	29.30	29.41	29.26	30.50	23.30	23.41	23.26	24.50
GPRS 3 Tx slots	28.91	28.98	28.86	30.00	24.65	24.72	24.60	25.74
GPRS 4 Tx slots	26.41	26.47	26.40	27.50	23.41	23.47	23.40	24.50
EDGE 1 Tx slot	25.42	25.46	25.37	26.50	16.42	16.46	16.37	17.50
EDGE 2 Tx slots	23.77	23.89	23.79	25.00	17.77	17.89	17.79	19.00
EDGE 3 Tx slots	22.66	22.69	22.62	23.50	18.40	18.43	18.36	19.24
EDGE 4 Tx slots	20.59	20.63	20.60	21.50	17.59	17.63	17.60	18.50

GSM1900 Ant0

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	27.61	27.66	27.57	28.50	18.61	18.66	18.57	19.50
GPRS 1 Tx slot	27.54	27.63	27.58	28.50	18.54	18.63	18.58	19.50
GPRS 2 Tx slots	24.84	24.94	24.83	26.00	18.84	18.94	18.83	20.00
GPRS 3 Tx slots	23.33	23.39	23.33	24.50	19.07	19.13	19.07	20.24
GPRS 4 Tx slots	20.70	20.75	20.68	21.50	17.70	17.75	17.68	18.50
EDGE 1 Tx slot	22.79	22.87	22.73	23.50	13.79	13.87	13.73	14.50
EDGE 2 Tx slots	21.09	21.19	21.11	22.00	15.09	15.19	15.11	16.00
EDGE 3 Tx slots	20.07	20.12	20.04	21.00	15.81	15.86	15.78	16.74
EDGE 4 Tx slots	17.96	18.09	18.04	19.00	14.96	15.09	15.04	16.00

WCDMA II Ant0 / WCDMA IV Ant0 / WCDMA V Ant0

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	20.57	20.65	20.53	22.00	20.39	20.47	20.38	22.00	22.43	22.47	22.40	24.00
3GPP Rel 99	RMC 12.2Kbps	20.62	20.68	20.57	22.00	20.45	20.51	20.41	22.00	22.45	22.52	22.46	24.00
3GPP Rel 6	HSDPA Subtest-1	19.72	19.76	19.70	21.00	19.59	19.66	19.50	21.00	21.55	21.69	21.48	23.00
3GPP Rel 6	HSDPA Subtest-2	19.66	19.73	19.65	21.00	19.50	19.58	19.52	21.00	21.46	21.60	21.54	23.00
3GPP Rel 6	HSDPA Subtest-3	19.19	19.25	19.23	20.50	19.00	19.11	19.08	20.50	21.01	21.14	21.04	22.50
3GPP Rel 6	HSDPA Subtest-4	19.15	19.30	19.21	20.50	18.96	19.18	19.03	20.50	20.98	21.24	21.06	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	19.70	19.85	19.64	21.00	19.54	19.68	19.46	21.00	21.55	21.72	21.42	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	19.56	19.59	19.41	21.00	19.38	19.40	19.32	21.00	21.34	21.42	21.32	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	19.06	19.12	19.05	20.50	18.92	18.93	18.89	20.50	20.95	20.93	20.92	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	19.02	19.15	19.12	20.50	18.90	18.99	19.01	20.50	20.89	21.00	21.03	22.50
3GPP Rel 6	HSUPA Subtest-1	19.66	19.73	19.70	21.00	19.55	19.63	19.61	21.00	21.61	21.68	21.67	23.00
3GPP Rel 6	HSUPA Subtest-2	17.71	17.75	17.64	19.00	17.54	17.60	17.51	19.00	19.57	19.63	19.50	21.00
3GPP Rel 6	HSUPA Subtest-3	18.65	18.73	18.70	20.00	18.52	18.58	18.58	20.00	20.52	20.59	20.61	22.00
3GPP Rel 6	HSUPA Subtest-4	17.61	17.66	17.57	19.00	17.44	17.51	17.48	19.00	19.45	19.52	19.49	21.00
3GPP Rel 6	HSUPA Subtest-5	19.64	19.60	19.52	21.00	19.53	19.48	19.38	21.00	21.55	21.44	21.40	23.00

Band 2 Ant0

BW [MHz]	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)				1859	1880	1900		
20	QPSK	1	0	23.11	23.16	23.07	24	0
20	QPSK	1	49	22.93	23.02	22.89		
20	QPSK	1	99	22.99	23.07	22.97		
20	QPSK	50	0	22.98	23.13	23.05		
20	QPSK	50	24	22.94	23.06	22.96		
20	QPSK	50	50	22.92	23.04	22.96		
20	QPSK	100	0	22.99	23.05	22.91		
20	16QAM	1	0	22.95	23.02	22.88		
20	16QAM	1	49	22.85	22.98	22.90	24	0
20	16QAM	1	99	22.70	22.85	22.80		
20	16QAM	50	0	22.55	22.62	22.54		
20	16QAM	50	24	22.34	22.48	22.34	23.5	0.5
20	16QAM	50	50	22.35	22.42	22.27		
20	16QAM	100	0	22.39	22.52	22.47		
20	64QAM	1	0	22.73	22.82	22.72		
20	64QAM	1	49	22.68	22.76	22.67	23.5	0.5
20	64QAM	1	99	22.50	22.55	22.46		
20	64QAM	50	0	21.64	21.71	21.56		
20	64QAM	50	24	21.46	21.55	21.50	22.5	1.5
20	64QAM	50	50	21.42	21.46	21.35		
20	64QAM	100	0	21.43	21.52	21.38		
20	256QAM	1	0	19.80	19.89	19.85		
20	256QAM	1	49	19.82	19.86	19.80	20.5	3.5
20	256QAM	1	99	19.58	19.62	19.57		
20	256QAM	50	0	19.74	19.86	19.80		
20	256QAM	50	24	19.60	19.73	19.63	20.5	3.5
20	256QAM	50	50	19.70	19.81	19.78		
20	256QAM	100	0	19.67	19.78	19.67		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	23.03	23.10	22.99	24	0
15	QPSK	1	37	22.79	22.90	22.82		
15	QPSK	1	74	22.91	22.95	22.83		
15	QPSK	36	0	22.87	22.99	22.90		
15	QPSK	36	20	22.81	22.94	22.87	24	0
15	QPSK	36	39	22.87	22.96	22.83		
15	QPSK	75	0	22.91	23.00	22.89		
15	16QAM	1	0	22.90	22.90	22.79		
15	16QAM	1	37	22.77	22.86	22.83	24	0
15	16QAM	1	74	22.56	22.73	22.66		
15	16QAM	36	0	22.52	22.55	22.45		
15	16QAM	36	20	22.21	22.37	22.26	23.5	0.5
15	16QAM	36	39	22.24	22.31	22.19		
15	16QAM	75	0	22.31	22.48	22.42		
15	64QAM	1	0	22.67	22.68	22.59		
15	64QAM	1	37	22.59	22.72	22.61	23.5	0.5
15	64QAM	1	74	22.42	22.40	22.34		
15	64QAM	36	0	21.56	21.67	21.49		
15	64QAM	36	20	21.36	21.46	21.43	22.5	1.5
15	64QAM	36	39	21.28	21.35	21.23		
15	64QAM	75	0	21.38	21.37	21.29		
15	256QAM	1	0	19.65	19.64	19.70		
15	256QAM	1	37	19.69	19.82	19.77	20.5	3.5
15	256QAM	1	74	19.42	19.51	19.42		
15	256QAM	36	0	19.65	19.73	19.66		
15	256QAM	36	20	19.49	19.65	19.50	20.5	3.5
15	256QAM	36	39	19.66	19.73	19.67		
15	256QAM	75	0	19.58	19.71	19.56		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	23.02	23.04	23.00	24	0
10	QPSK	1	25	22.87	22.88	22.81		
10	QPSK	1	49	22.92	22.94	22.82		
10	QPSK	25	0	22.83	23.01	23.01		
10	QPSK	25	12	22.81	23.00	22.94		
10	QPSK	25	25	22.80	22.89	22.89		
10	QPSK	50	0	22.89	22.95	22.91		
10	QPSK	50	25	22.88	22.90	22.86		
10	16QAM	1	0	22.79	22.91	22.85	24	0
10	16QAM	1	49	22.59	22.73	22.75		
10	16QAM	25	0	22.48	22.51	22.42		
10	16QAM	25	12	22.20	22.34	22.20	23.5	0.5
10	16QAM	25	25	22.26	22.27	22.20		
10	16QAM	50	0	22.28	22.44	22.37		
10	64QAM	1	0	22.60	22.76	22.60		
10	64QAM	1	25	22.56	22.64	22.58	23.5	0.5
10	64QAM	1	49	22.43	22.45	22.32		
10	64QAM	25	0	21.50	21.65	21.45		
10	64QAM	25	12	21.33	21.46	21.44	22.5	1.5
10	64QAM	25	25	21.39	21.36	21.28		
10	64QAM	50	0	21.31	21.39	21.27		
10	256QAM	1	0	19.76	19.86	19.77		
10	256QAM	1	25	19.77	19.82	19.68	20.5	3.5
10	256QAM	1	49	19.52	19.50	19.53		
10	256QAM	25	0	19.60	19.82	19.70		
10	256QAM	25	12	19.49	19.61	19.51	20.5	3.5
10	256QAM	25	25	19.63	19.71	19.66		
10	256QAM	50	0	19.52	19.65	19.61		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	23.02	23.06	22.99	24	0
5	QPSK	1	12	22.88	22.95	22.74		
5	QPSK	1	24	22.90	22.95	22.94		
5	QPSK	12	0	22.93	23.02	22.90		
5	QPSK	12	7	22.89	23.03	22.87	24	0
5	QPSK	12	13	22.80	22.98	22.82		
5	QPSK	25	0	22.88	22.93	22.82		
5	16QAM	1	0	22.91	22.88	22.83		
5	16QAM	1	12	22.79	22.94	22.87	24	0
5	16QAM	1	24	22.58	22.74	22.70		
5	16QAM	12	0	22.49	22.49	22.41		
5	16QAM	12	7	22.22	22.41	22.27	23.5	0.5
5	16QAM	12	13	22.31	22.27	22.14		
5	16QAM	25	0	22.26	22.38	22.37		
5	64QAM	1	0	22.59	22.68	22.54		
5	64QAM	1	12	22.63	22.73	22.63	23.5	0.5
5	64QAM	1	24	22.42	22.44	22.34		
5	64QAM	12	0	21.54	21.68	21.43		
5	64QAM	12	7	21.31	21.46	21.42	22.5	1.5
5	64QAM	12	13	21.29	21.32	21.21		
5	64QAM	25	0	21.30	21.44	21.29		
5	256QAM	1	0	19.74	19.84	19.67		
5	256QAM	1	12	19.75	19.78	19.67	20.5	3.5
5	256QAM	1	24	19.49	19.55	19.49		
5	256QAM	12	0	19.66	19.75	19.71		
5	256QAM	12	7	19.51	19.69	19.55	20.5	3.5
5	256QAM	12	13	19.67	19.74	19.64		
5	256QAM	25	0	19.62	19.73	19.58		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	23.01	23.02	22.96	24	0
3	QPSK	1	8	22.89	22.91	22.86		
3	QPSK	1	14	22.89	22.95	22.83		
3	QPSK	8	0	22.91	23.06	22.98		
3	QPSK	8	4	22.83	23.04	22.92	24	0
3	QPSK	8	7	22.86	22.99	22.83		
3	QPSK	15	0	22.87	22.98	22.90		
3	16QAM	1	0	22.85	22.98	22.83		
3	16QAM	1	8	22.71	22.87	22.78	24	0
3	16QAM	1	14	22.59	22.74	22.65		
3	16QAM	8	0	22.41	22.57	22.40		
3	16QAM	8	4	22.23	22.41	22.24		
3	16QAM	8	7	22.31	22.33	22.14	23.5	0.5
3	16QAM	15	0	22.31	22.45	22.41		
3	64QAM	1	0	22.59	22.77	22.60		
3	64QAM	1	8	22.55	22.67	22.54	23.5	0.5
3	64QAM	1	14	22.42	22.43	22.38		
3	64QAM	8	0	21.56	21.59	21.52		
3	64QAM	8	4	21.33	21.45	21.35	22.5	1.5
3	64QAM	8	7	21.34	21.33	21.27		
3	64QAM	15	0	21.34	21.44	21.30		
3	256QAM	1	0	19.77	19.76	19.69		
3	256QAM	1	8	19.76	19.79	19.65	20.5	3.5
3	256QAM	1	14	19.52	19.58	19.51		
3	256QAM	8	0	19.71	19.75	19.75		
3	256QAM	8	4	19.50	19.68	19.59	20.5	3.5
3	256QAM	8	7	19.60	19.66	19.73		
3	256QAM	15	0	19.63	19.70	19.59		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	23.04	23.11	23.01	24	0
1.4	QPSK	1	3	22.83	22.95	22.74		
1.4	QPSK	1	5	22.86	22.99	22.85		
1.4	QPSK	3	0	22.85	23.08	23.01		
1.4	QPSK	3	1	22.85	23.04	22.84		
1.4	QPSK	3	3	22.79	22.94	22.88		
1.4	QPSK	6	0	22.84	23.00	22.90	24	0
1.4	16QAM	1	0	22.80	22.93	22.87		
1.4	16QAM	1	3	22.82	22.86	22.78		
1.4	16QAM	1	5	22.86	22.93	22.90	24	0
1.4	16QAM	3	0	22.83	22.95	22.79		
1.4	16QAM	3	1	22.78	22.88	22.80		
1.4	16QAM	3	2	22.61	22.77	22.73		
1.4	16QAM	6	0	22.53	22.52	22.43	23.5	0.5
1.4	64QAM	1	0	22.19	22.34	22.24		
1.4	64QAM	1	3	22.21	22.32	22.21		
1.4	64QAM	1	5	22.25	22.45	22.39	23.5	0.5
1.4	64QAM	3	0	22.58	22.77	22.63		
1.4	64QAM	3	1	22.60	22.67	22.52		
1.4	64QAM	3	3	22.39	22.40	22.40		
1.4	64QAM	6	0	21.53	21.61	21.43	22.5	1.5
1.4	256QAM	1	0	19.76	19.83	19.76		
1.4	256QAM	1	3	19.77	19.82	19.69		
1.4	256QAM	1	5	19.47	19.55	19.49		
1.4	256QAM	3	0	19.67	19.82	19.67	20.5	3.5
1.4	256QAM	3	1	19.47	19.66	19.54		
1.4	256QAM	3	3	19.62	19.75	19.72		
1.4	256QAM	6	0	19.57	19.73	19.54	20.5	3.5

Band 4 Ant0

BW [MHz]	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	23.07	23.21	23.15	24	0
20	QPSK	1	49	22.94	23.09	23.06		
20	QPSK	1	99	22.89	23.05	23.00		
20	QPSK	50	0	22.97	23.18	23.05		
20	QPSK	50	24	23.02	23.03	22.99		
20	QPSK	50	50	22.95	23.02	22.95		
20	QPSK	100	0	23.02	23.14	23.04		
20	16QAM	1	0	22.93	23.07	22.87		
20	16QAM	1	49	22.87	22.91	22.91	24	0
20	16QAM	1	99	22.75	22.87	22.83		
20	16QAM	50	0	22.72	22.92	22.75		
20	16QAM	50	24	22.68	22.80	22.75	23.5	0.5
20	16QAM	50	50	22.63	22.73	22.71		
20	16QAM	100	0	22.75	22.86	22.78		
20	64QAM	1	0	22.60	22.80	22.60		
20	64QAM	1	49	22.76	22.76	22.83	23.5	0.5
20	64QAM	1	99	22.65	22.82	22.69		
20	64QAM	50	0	21.85	21.97	21.80		
20	64QAM	50	24	21.79	21.80	21.76	22.5	1.5
20	64QAM	50	50	21.75	21.73	21.70		
20	64QAM	100	0	21.73	21.89	21.71		
20	256QAM	1	0	19.91	20.01	19.84		
20	256QAM	1	49	19.74	19.83	19.86	20.5	3.5
20	256QAM	1	99	19.77	19.78	19.72		
20	256QAM	50	0	19.77	19.98	19.88		
20	256QAM	50	24	19.72	19.74	19.73	20.5	3.5
20	256QAM	50	50	19.72	19.74	19.74		
20	256QAM	100	0	19.79	19.97	19.83		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	23.02	23.14	23.06	24	0
15	QPSK	1	37	22.83	22.98	23.01		
15	QPSK	1	74	22.85	22.95	22.96		
15	QPSK	36	0	22.85	23.06	22.92		
15	QPSK	36	20	22.95	23.06	22.87	24	0
15	QPSK	36	39	22.91	23.02	22.82		
15	QPSK	75	0	22.95	23.04	22.95		
15	16QAM	1	0	22.83	23.04	22.72		
15	16QAM	1	37	22.67	22.77	22.82	24	0
15	16QAM	1	74	22.67	22.80	22.79		
15	16QAM	36	0	22.62	22.84	22.67		
15	16QAM	36	20	22.58	22.68	22.68	23.5	0.5
15	16QAM	36	39	22.49	22.62	22.65		
15	16QAM	75	0	22.73	22.87	22.68		
15	64QAM	1	0	22.69	22.84	22.66		
15	64QAM	1	37	22.72	22.70	22.77	23.5	0.5
15	64QAM	1	74	22.56	22.73	22.71		
15	64QAM	36	0	21.71	21.91	21.65		
15	64QAM	36	20	21.71	21.72	21.70	22.5	1.5
15	64QAM	36	39	21.64	21.67	21.59		
15	64QAM	75	0	21.69	21.84	21.63		
15	256QAM	1	0	19.88	19.91	19.77		
15	256QAM	1	37	19.66	19.81	19.79	20.5	3.5
15	256QAM	1	74	19.65	19.73	19.63		
15	256QAM	36	0	19.83	19.89	19.78		
15	256QAM	36	20	19.66	19.67	19.69	20.5	3.5
15	256QAM	36	39	19.81	19.64	19.71		
15	256QAM	75	0	19.62	19.70	19.60		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.94	23.10	23.01	24	0
10	QPSK	1	25	22.82	22.98	23.01		
10	QPSK	1	49	22.76	22.96	22.92		
10	QPSK	25	0	22.86	23.13	22.93		
10	QPSK	25	12	22.89	23.04	22.94	24	0
10	QPSK	25	25	22.85	22.96	22.89		
10	QPSK	50	0	22.92	23.11	22.99		
10	QPSK	50	25	22.90	22.97	22.75		
10	16QAM	1	0	22.82	22.87	22.85	24	0
10	16QAM	1	49	22.67	22.80	22.71		
10	16QAM	25	0	22.58	22.78	22.66		
10	16QAM	25	12	22.57	22.69	22.65	23.5	0.5
10	16QAM	25	25	22.60	22.69	22.56		
10	16QAM	50	0	22.62	22.75	22.74		
10	64QAM	1	0	22.76	22.86	22.72		
10	64QAM	1	25	22.75	22.85	22.79	23.5	0.5
10	64QAM	1	49	22.59	22.78	22.63		
10	64QAM	25	0	21.77	21.92	21.72		
10	64QAM	25	12	21.70	21.89	21.72	22.5	1.5
10	64QAM	25	25	21.69	21.64	21.61		
10	64QAM	50	0	21.64	21.82	21.68		
10	256QAM	1	0	19.83	19.87	19.76		
10	256QAM	1	25	19.61	19.84	19.82	20.5	3.5
10	256QAM	1	49	19.67	19.67	19.66		
10	256QAM	25	0	19.66	19.84	19.80		
10	256QAM	25	12	19.66	19.69	19.65	20.5	3.5
10	256QAM	25	25	19.63	19.78	19.64		
10	256QAM	50	0	19.55	19.78	19.62		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	23.01	23.08	23.06	24	0
5	QPSK	1	12	22.80	23.04	22.97		
5	QPSK	1	24	22.79	23.01	22.91		
5	QPSK	12	0	22.88	23.15	22.93		
5	QPSK	12	7	22.80	23.06	22.92	24	0
5	QPSK	12	13	22.88	22.93	22.80		
5	QPSK	25	0	22.88	23.01	22.88		
5	16QAM	1	0	22.95	23.01	22.84		
5	16QAM	1	12	22.82	22.94	22.78	24	0
5	16QAM	1	24	22.76	22.75	22.72		
5	16QAM	12	0	22.60	22.89	22.69		
5	16QAM	12	7	22.63	22.73	22.66	23.5	0.5
5	16QAM	12	13	22.59	22.64	22.64		
5	16QAM	25	0	22.67	22.71	22.66		
5	64QAM	1	0	22.73	22.83	22.68		
5	64QAM	1	12	22.75	22.70	22.73	23.5	0.5
5	64QAM	1	24	22.50	22.69	22.59		
5	64QAM	12	0	21.78	21.83	21.73		
5	64QAM	12	7	21.68	21.77	21.67	22.5	1.5
5	64QAM	12	13	21.58	21.58	21.61		
5	64QAM	25	0	21.70	21.84	21.66		
5	256QAM	1	0	19.77	19.86	19.70		
5	256QAM	1	12	19.68	19.74	19.61	20.5	3.5
5	256QAM	1	24	19.72	19.63	19.68		
5	256QAM	12	0	19.60	19.86	19.76		
5	256QAM	12	7	19.72	19.74	19.67	20.5	3.5
5	256QAM	12	13	19.69	19.69	19.66		
5	256QAM	25	0	19.77	19.77	19.53		
Channel				19950	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.82	23.07	23.02	24	0
3	QPSK	1	8	22.79	23.02	22.92		
3	QPSK	1	14	22.80	23.01	22.95		
3	QPSK	8	0	22.92	23.07	22.90		
3	QPSK	8	4	22.95	22.98	22.95	24	0
3	QPSK	8	7	22.92	22.88	22.81		
3	QPSK	15	0	22.89	23.03	22.94		
3	16QAM	1	0	22.81	22.96	22.80		
3	16QAM	1	8	22.77	22.78	22.79	24	0
3	16QAM	1	14	22.62	22.82	22.80		
3	16QAM	8	0	22.58	22.80	22.71		
3	16QAM	8	4	22.53	22.72	22.62		
3	16QAM	8	7	22.51	22.65	22.67	23.5	0.5
3	16QAM	15	0	22.62	22.72	22.67		
3	64QAM	1	0	22.66	22.91	22.76		
3	64QAM	1	8	22.63	22.67	22.68	23.5	0.5
3	64QAM	1	14	22.52	22.77	22.63		
3	64QAM	8	0	21.71	21.94	21.70		
3	64QAM	8	4	21.62	21.77	21.67	22.5	1.5
3	64QAM	8	7	21.70	21.67	21.59		
3	64QAM	15	0	21.61	21.78	21.64		
3	256QAM	1	0	19.79	19.97	19.81		
3	256QAM	1	8	19.69	19.83	19.75	20.5	3.5
3	256QAM	1	14	19.74	19.67	19.68		
3	256QAM	8	0	19.74	19.94	19.75		
3	256QAM	8	4	19.66	19.76	19.62	20.5	3.5
3	256QAM	8	7	19.63	19.62	19.63		
3	256QAM	15	0	19.57	19.70	19.60		
Channel				19925	20175	20425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.96	23.16	23.01	24	0
1.4	QPSK	1	3	22.87	22.99	22.98		
1.4	QPSK	1	5	22.84	22.94	22.94		
1.4	QPSK	3	0	22.87	23.11	22.94		
1.4	QPSK	3	1	22.89	23.03	22.87		
1.4	QPSK	3	3	22.85	22.98	22.81		
1.4	QPSK	6	0	22.95	23.06	22.99	24	0
1.4	16QAM	1	0	22.80	22.96	22.75		
1.4	16QAM	1	3	22.74	22.84	22.88		
1.4	16QAM	1	5	22.65	22.76	22.68	24	0
1.4	16QAM	3	0	22.83	22.93	22.82		
1.4	16QAM	3	1	22.56	22.73	22.69		
1.4	16QAM	3	3	22.62	22.77	22.75		
1.4	16QAM	6	0	22.62	22.80	22.71	23.5	0.5
1.4	64QAM	1	0	22.52	22.74	22.69		
1.4	64QAM	1	3	22.52	22.62	22.58		
1.4	64QAM	1	5	22.68	22.82	22.69	23.5	0.5
1.4	64QAM	3	0	22.71	22.82	22.74		
1.4	64QAM	3	1	22.63	22.64	22.79		
1.4	64QAM	3	3	22.53	22.68	22.59		
1.4	64QAM	6	0	21.81	21.97	21.75	22.5	1.5
1.4	256QAM	1	0	19.77	19.93	19.81		
1.4	256QAM	1	3	19.64	19.80	19.76		
1.4	256QAM	1	5	19.63	19.65	19.66		
1.4	256QAM	3	0	19.69	19.85	19.81	20.5	3.5
1.4	256QAM	3	1	19.67	19.75	19.60		
1.4	256QAM	3	3	19.63	19.69	19.70		
1.4	256QAM	6	0	19.64	19.73	19.58	20.5	3.5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.52	22.57	22.46	24	0
10	QPSK	1	25	22.36	22.46	22.32		
10	QPSK	1	49	22.31	22.33	22.22		
10	QPSK	25	0	22.37	22.54	22.41		
10	QPSK	25	12	22.33	22.45	22.35		
10	QPSK	25	25	22.24	22.30	22.27		
10	QPSK	50	0	22.31	22.40	22.30		
10	16QAM	1	0	22.26	22.47	22.31		
10	16QAM	1	25	22.31	22.35	22.24	24	0
10	16QAM

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	22.84	22.92	22.79	24	0
10	QPSK	1	25	22.76	22.81	22.64		
10	QPSK	1	49	22.66	22.68	22.62		
10	QPSK	25	0	22.63	22.62	22.72		
10	QPSK	25	12	22.59	22.68	22.61	24	0
10	QPSK	25	25	22.56	22.60	22.63		
10	QPSK	50	0	22.63	22.72	22.62		
10	16QAM	1	0	22.54	22.72	22.60		
10	16QAM	1	25	22.54	22.59	22.58	24	0
10	16QAM	1	49	22.44	22.55	22.46		
10	16QAM	25	0	22.35	22.51	22.41		
10	16QAM	25	12	22.32	22.43	22.28	23.5	0.5
10	16QAM	25	25	22.30	22.35	22.28		
10	16QAM	50	0	22.37	22.47	22.28		
10	64QAM	1	0	22.26	22.41	22.29		
10	64QAM	1	25	22.14	22.25	22.19	23.5	0.5
10	64QAM	1	49	22.10	22.22	22.16		
10	64QAM	25	0	21.54	21.67	21.50		
10	64QAM	25	12	21.44	21.58	21.51	22.5	1.5
10	64QAM	25	25	21.39	21.44	21.46		
10	64QAM	50	0	21.43	21.54	21.41		
10	256QAM	1	0	19.38	19.55	19.40		
10	256QAM	1	25	19.33	19.40	19.38	20.5	3.5
10	256QAM	1	49	19.30	19.33	19.28		
10	256QAM	25	0	19.30	19.31	19.41		
10	256QAM	25	12	19.29	19.34	19.30	20.5	3.5
10	256QAM	25	25	19.20	19.33	19.22		
10	256QAM	50	0	19.23	19.45	19.26		
Channel				23036	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.8	707.5	713.3		
5	QPSK	1	0	22.77	22.80	22.74	24	0
5	QPSK	1	12	22.63	22.69	22.56		
5	QPSK	1	24	22.47	22.54	22.47		
5	QPSK	12	0	22.56	22.75	22.58	24	0
5	QPSK	12	7	22.45	22.55	22.51		
5	QPSK	12	13	22.53	22.45	22.51		
5	QPSK	25	0	22.56	22.69	22.56		
5	16QAM	1	0	22.42	22.62	22.48	24	0
5	16QAM	1	12	22.50	22.49	22.47		
5	16QAM	1	24	22.33	22.52	22.36		
5	16QAM	12	0	22.30	22.47	22.26	23.5	0.5
5	16QAM	12	7	22.28	22.33	22.19		
5	16QAM	12	13	22.19	22.24	22.19		
5	16QAM	25	0	22.31	22.24	22.19		
5	64QAM	1	0	22.15	22.30	22.22		
5	64QAM	1	12	22.04	22.12	22.10	23.5	0.5
5	64QAM	1	24	21.98	22.07	22.07		
5	64QAM	12	0	21.48	21.63	21.41	22.5	1.5
5	64QAM	12	7	21.34	21.53	21.47		
5	64QAM	12	13	21.28	21.32	21.33		
5	64QAM	25	0	21.33	21.48	21.34		
5	256QAM	1	0	19.35	19.45	19.31	20.5	3.5
5	256QAM	1	12	19.21	19.31	19.29		
5	256QAM	1	24	19.17	19.23	19.18		
5	256QAM	12	0	19.16	19.37	19.26	20.5	3.5
5	256QAM	12	7	19.22	19.27	19.27		
5	256QAM	12	13	19.07	19.21	19.11		
5	256QAM	25	0	19.13	19.31	19.12		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.5	707.5	715.5		
3	QPSK	1	0	22.78	22.81	22.72	24	0
3	QPSK	1	8	22.70	22.76	22.50		
3	QPSK	1	14	22.53	22.54	22.57		
3	QPSK	8	0	22.49	22.79	22.57		
3	QPSK	8	4	22.51	22.61	22.48	24	0
3	QPSK	8	7	22.49	22.49	22.57		
3	QPSK	15	0	22.54	22.73	22.58		
3	16QAM	1	0	22.39	22.59	22.47		
3	16QAM	1	8	22.48	22.48	22.48	24	0
3	16QAM	1	14	22.38	22.44	22.38		
3	16QAM	8	0	22.26	22.44	22.28		
3	16QAM	8	4	22.23	22.37	22.16	23.5	0.5
3	16QAM	8	7	22.23	22.22	22.25		
3	16QAM	15	0	22.23	22.35	22.19		
3	64QAM	1	0	22.23	22.28	22.17		
3	64QAM	1	8	22.02	22.10	22.09	23.5	0.5
3	64QAM	1	14	22.02	22.15	22.04		
3	64QAM	8	0	21.45	21.61	21.40		
3	64QAM	8	4	21.40	21.48	21.37	22.5	1.5
3	64QAM	8	7	21.35	21.36	21.33		
3	64QAM	15	0	21.37	21.50	21.31		
3	256QAM	1	0	19.28	19.41	19.36		
3	256QAM	1	8	19.26	19.31	19.24	20.5	3.5
3	256QAM	1	14	19.23	19.30	19.21		
3	256QAM	8	0	19.18	19.46	19.28		
3	256QAM	8	4	19.18	19.22	19.18	20.5	3.5
3	256QAM	8	7	19.06	19.22	19.07		
3	256QAM	15	0	19.18	19.40	19.14		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.76	22.83	22.75	24	0
1.4	QPSK	1	3	22.65	22.67	22.51		
1.4	QPSK	1	5	22.48	22.57	22.53		
1.4	QPSK	3	0	22.50	22.67	22.67		
1.4	QPSK	3	1	22.54	22.55	22.56		
1.4	QPSK	3	3	22.44	22.54	22.57		
1.4	QPSK	6	0	22.59	22.73	22.55	24	0
1.4	16QAM	1	0	22.59	22.62	22.56		
1.4	16QAM	1	3	22.49	22.46	22.50		
1.4	16QAM	1	5	22.40	22.46	22.43	24	0
1.4	16QAM	3	0	22.47	22.60	22.56		
1.4	16QAM	3	1	22.49	22.45	22.47		
1.4	16QAM	3	3	22.37	22.48	22.40		
1.4	16QAM	6	0	22.17	22.30	22.14	23.5	0.5
1.4	64QAM	1	0	22.33	22.41	22.29		
1.4	64QAM	1	3	22.22	22.40	22.17		
1.4	64QAM	1	5	22.13	22.33	22.16	23.5	0.5
1.4	64QAM	3	0	22.05	22.21	22.09		
1.4	64QAM	3	1	21.99	22.16	22.05		
1.4	64QAM	3	3	22.22	22.28	22.16		
1.4	64QAM	6	0	21.45	21.60	21.41	22.5	1.5
1.4	256QAM	1	0	19.29	19.47	19.32		
1.4	256QAM	1	3	19.21	19.31	19.24		
1.4	256QAM	1	5	19.22	19.27	19.22	20.5	3.5
1.4	256QAM	3	0	19.18	19.37	19.24		
1.4	256QAM	3	1	19.18	19.21	19.24		
1.4	256QAM	3	3	19.15	19.21	19.09		
1.4	256QAM	6	0	19.17	19.35	19.18	20.5	3.5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		23.07		24	0
10	QPSK	1	25		23.04			
10	QPSK	1	49		22.92			
10	QPSK	25	0		22.96		24	0
10	QPSK	25	12		22.85			
10	QPSK	25	25		22.82			
10	QPSK	50	0		22.92			
10	16QAM	1	0		22.91			
10	16QAM	1	25		22.86		24	0
10	16QAM	1	49		22.79			
10	16QAM	25	0		22.74			
10	16QAM	25	12		22.62		23.5	0.5
10	16QAM	25	25		22.54			
10	16QAM	50	0		22.70			
10	64QAM	1	0		22.62			
10	64QAM	1	25		22.41		23.5	0.5
10	64QAM	1	49		22.49			
10	64QAM	25	0		21.91			
10	64QAM	25	12		21.77		22.5	1.5
10	64QAM	25	25		21.67			
10	64QAM	50	0		21.77			
10	256QAM	1	0		19.62			
10	256QAM	1	25		19.62		20.5	3.5
10	256QAM	1	49		19.55			
10	256QAM	25	0		19.69			
10	256QAM	25	12		19.58		20.5	3.5
10	256QAM	25	25		19.55			
10	256QAM	50	0		19.68			
Channel				23005	23230	23455	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.93	23.03	22.99	24	0
5	QPSK	1	12	22.99	23.00	22.92		
5	QPSK	1	24	22.94	22.85	22.80		
5	QPSK	12	0	22.95	22.84	22.93	24	0
5	QPSK	12	7	22.77	22.71	22.73		
5	QPSK	12	13	22.71	22.75	22.68		
5	QPSK	25	0	22.88	22.91	22.91		
5	16QAM	1	0	22.86	22.80	22.87	24	0
5	16QAM	1	12	22.72	22.78	22.71		
5	16QAM	1	24	22.67	22.69	22.74		
5	16QAM	12	0	22.62	22.60	22.65	23.5	0.5
5	16QAM	12	7	22.49	22.55	22.56		
5	16QAM	12	13	22.43	22.49	22.45		
5	16QAM	25	0	22.67	22.66	22.63		
5	64QAM	1	0	22.53	22.55	22.47	23.5	0.5
5	64QAM	1	12	22.33	22.32	22.27		
5	64QAM	1	24	22.38	22.42	22.45		
5	64QAM	12	0	21.79	21.83	21.82	22.5	1.5
5	64QAM	12	7	21.62	21.66	21.70		
5	64QAM	12	13	21.61	21.55	21.59		
5	64QAM	25	0	21.71	21.66	21.73		
5	256QAM	1	0	19.77	19.78	19.74	20.5	3.5
5	256QAM	1	12	19.56	19.48	19.51		
5	256QAM	1	24	19.41	19.47	19.50		
5	256QAM	12	0	19.59	19.55	19.64		
5	256QAM	12	7	19.55	19.52	19.53	20.5	3.5
5	256QAM	12	13	19.49	19.43	19.52		
5	256QAM	25	0	19.57	19.56	19.60		

Band 14 Ant0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23330			
Frequency (MHz)					793			
10	QPSK	1	0		23.06		24	0
10	QPSK	1	25		23.00			
10	QPSK	1	49		22.88			
10	QPSK	25	0		22.95		24	0
10	QPSK	25	12		22.81			
10	QPSK	25	25		22.78			
10	QPSK	50	0		22.92			
10	16QAM	1	0		22.86			
10	16QAM	1	25		22.79		24	0
10	16QAM	1	49		22.77			
10	16QAM	25	0		22.75			
10	16QAM	25	12		22.60		23.5	0.5
10	16QAM	25	25		22.48			
10	16QAM	50	0		22.64			
10	64QAM	1	0		22.56			
10	64QAM	1	25		22.38		23.5	0.5
10	64QAM	1	49		22.49			
10	64QAM	25	0		21.88			
10	64QAM	25	12		21.70		22.5	1.5
10	64QAM	25	25		21.63			
10	64QAM	50	0		21.69			
10	256QAM	1	0		19.77			
10	256QAM	1	25		19.55		20.5	3.5
10	256QAM	1	49		19.49			
10	256QAM	25	0		19.61			
10	256QAM	25	12		19.51		20.5	3.5
10	256QAM	25	25		19.48			
10	256QAM	50	0		19.66			
Channel				23305	23330	23355	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	0	22.92	22.99	22.97	24	0
5	QPSK	1	12	22.87	22.96	22.86		
5	QPSK	1	24	22.75	22.79	22.74		
5	QPSK	12	0	22.90	22.96	22.83	24	0
5	QPSK	12	7	22.77	22.88	22.77		
5	QPSK	12	13	22.70	22.67	22.64		
5	QPSK	25	0	22.82	22.84	22.86		
5	16QAM	1	0	22.78	22.83	22.78	24	0
5	16QAM	1	12	22.70	22.68	22.64		
5	16QAM	1	24	22.62	22.73	22.64		
5	16QAM	12	0	22.60	22.72	22.67	23.5	0.5
5	16QAM	12	7	22.54	22.51	22.51		
5	16QAM	12	13	22.37	22.40	22.40		
5	16QAM	25	0	22.55	22.53	22.50		
5	64QAM	1	0	22.52	22.52	22.46	23.5	0.5
5	64QAM	1	12	22.28	22.30	22.27		
5	64QAM	1	24	22.44	22.43	22.41		
5	64QAM	12	0	21.74	21.74	21.76	22.5	1.5
5	64QAM	12	7	21.63	21.64	21.58		
5	64QAM	12	13	21.58	21.58	21.52		
5	64QAM	25	0	21.55	21.64	21.66		
5	256QAM	1	0	19.63	19.72	19.65	20.5	3.5
5	256QAM	1	12	19.44	19.46	19.44		
5	256QAM	1	24	19.35	19.44	19.44		
5	256QAM	12	0	19.48	19.47	19.57	20.5	3.5
5	256QAM	12	7	19.38	19.37	19.39		
5	256QAM	12	13	19.35	19.36	19.34		
5	256QAM	25	0	19.53	19.56	19.62		

Band 17 Ant0

BW [MHz]	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	22.65	22.73	22.70	24	0
10	QPSK	1	25	22.57	22.60	22.59		
10	QPSK	1	49	22.48	22.51	22.46		
10	QPSK	25	0	22.48	22.66	22.54		
10	QPSK	25	12	22.40	22.53	22.42	24	0
10	QPSK	25	25	22.41	22.48	22.47		
10	QPSK	50	0	22.49	22.62	22.44		
10	16QAM	1	0	22.49	22.69	22.45		
10	16QAM	1	25	22.39	22.48	22.41	24	0
10	16QAM	1	49	22.30	22.46	22.38		
10	16QAM	25	0	22.36	22.58	22.49		
10	16QAM	25	12	22.38	22.40	22.43	23.5	0.5
10	16QAM	25	25	22.30	22.41	22.40		
10	16QAM	50	0	22.24	22.38	22.33		
10	64QAM	1	0	22.39	22.56	22.46		
10	64QAM	1	25	22.37	22.42	22.40	23.5	0.5
10	64QAM	1	49	22.32	22.40	22.29		
10	64QAM	25	0	21.37	21.58	21.36		
10	64QAM	25	12	21.28	21.39	21.36	22.5	1.5
10	64QAM	25	25	21.32	21.36	21.32		
10	64QAM	50	0	21.19	21.28	21.29		
10	256QAM	1	0	19.59	19.71	19.63		
10	256QAM	1	25	19.49	19.53	19.56	20.5	3.5
10	256QAM	1	49	19.44	19.57	19.51		
10	256QAM	25	0	19.44	19.55	19.43		
10	256QAM	25	12	19.34	19.44	19.33	20.5	3.5
10	256QAM	25	25	19.34	19.39	19.37		
10	256QAM	50	0	19.28	19.32	19.22		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.53	22.69	22.65	24	0
5	QPSK	1	12	22.53	22.58	22.48		
5	QPSK	1	24	22.33	22.41	22.37		
5	QPSK	12	0	22.36	22.57	22.44	24	0
5	QPSK	12	7	22.44	22.40	22.38		
5	QPSK	12	13	22.28	22.41	22.43		
5	QPSK	25	0	22.48	22.49	22.32		
5	16QAM	1	0	22.38	22.52	22.31	24	0
5	16QAM	1	12	22.26	22.36	22.35		
5	16QAM	1	24	22.16	22.39	22.32		
5	16QAM	12	0	22.27	22.45	22.35	23.5	0.5
5	16QAM	12	7	22.33	22.32	22.35		
5	16QAM	12	13	22.19	22.34	22.27		
5	16QAM	25	0	22.11	22.24	22.19		
5	64QAM	1	0	22.24	22.48	22.35	23.5	0.5
5	64QAM	1	12	22.29	22.34	22.29		
5	64QAM	1	24	22.17	22.33	22.14		
5	64QAM	12	0	21.33	21.42	21.31	22.5	1.5
5	64QAM	12	7	21.24	21.27	21.22		
5	64QAM	12	13	21.19	21.23	21.25		
5	64QAM	25	0	21.07	21.23	21.24		
5	256QAM	1	0	19.50	19.65	19.49	20.5	3.5
5	256QAM	1	12	19.33	19.42	19.50		
5	256QAM	1	24	19.41	19.43	19.47		
5	256QAM	12	0	19.31	19.51	19.33	20.5	3.5
5	256QAM	12	7	19.27	19.34	19.22		
5	256QAM	12	13	19.20	19.33	19.27		
5	256QAM	25	0	19.24	19.26	19.16		

Band 25 Ant0

BW [MHz]	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	26690		
Frequency (MHz)				1859	1880	1905		
20	QPSK	1	0	23.16	23.21	23.18	24	0
20	QPSK	1	49	23.03	23.03	23.09		
20	QPSK	1	99	22.97	23.01	23.03		
20	QPSK	50	0	23.00	23.15	23.05	24	0
20	QPSK	50	24	22.85	23.03	22.95		
20	QPSK	50	50	22.86	22.99	22.86		
20	QPSK	100	0	22.91	23.01	22.92		
20	16QAM	1	0	22.96	23.09	22.91	24	0
20	16QAM	1	49	22.94	22.99	22.95		
20	16QAM	1	99	22.81	22.87	22.80		
20	16QAM	50	0	22.79	22.93	22.83	23.5	0.5
20	16QAM	50	24	22.75	22.80	22.75		
20	16QAM	50	50	22.61	22.72	22.70		
20	16QAM	100	0	22.62	22.66	22.61		
20	64QAM	1	0	22.86	23.05	22.91	23.5	0.5
20	64QAM	1	49	22.79	22.95	22.87		
20	64QAM	1	99	22.79	22.82	22.82		
20	64QAM	50	0	21.82	21.95	21.79	22.5	1.5
20	64QAM	50	24	21.78	21.79	21.74		
20	64QAM	50	50	21.73	21.82	21.72		
20	64QAM	100	0	21.69	21.66	21.64		
20	256QAM	1	0	19.90	20.04	19.89	20.5	3.5
20	256QAM	1	49	19.79	19.90	19.83		
20	256QAM	1	99	19.77	19.85	19.78		
20	256QAM	50	0	19.87	19.98	19.87	20.5	3.5
20	256QAM	50	24	19.77	19.90	19.74		
20	256QAM	50	50	19.70	19.74	19.71		
20	256QAM	100	0	19.62	19.74	19.68		
Channel				26115	26340	26515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1897.5		
15	QPSK	1	0	23.05	23.13	23.04	24	0
15	QPSK	1	37	22.99	22.90	23.00		
15	QPSK	1	74	22.84	22.90	22.97		
15	QPSK	36	0	22.94	23.01	22.95	24	0
15	QPSK	36	20	22.82	22.96	22.88		
15	QPSK	36	39	22.84	22.95	22.75		
15	QPSK	75	0	22.77	22.98	22.79		
15	16QAM	1	0	22.92	22.98	22.84	24	0
15	16QAM	1	37	22.81	22.87	22.85		
15	16QAM	1	74	22.66	22.79	22.74		
15	16QAM	36	0	22.70	22.81	22.75	23.5	0.5
15	16QAM	36	20	22.68	22.86	22.62		
15	16QAM	36	39	22.46	22.61	22.64		
15	16QAM	75	0	22.49	22.53	22.50		
15	64QAM	1	0	22.74	22.90	22.77	23.5	0.5
15	64QAM	1	37	22.70	22.82	22.77		
15	64QAM	1	74	22.70	22.82	22.68		
15	64QAM	36	0	21.74	21.85	21.65	22.5	1.5
15	64QAM	36	20	21.72	21.88	21.69		
15	64QAM	36	39	21.66	21.78	21.59		
15	64QAM	75	0	21.55	21.54	21.60		
15	256QAM	1	0	19.76	19.96	19.85	20.5	3.5
15	256QAM	1	37	19.79	19.79	19.79		
15	256QAM	1	74	19.67	19.70	19.73		
15	256QAM	36	0	19.76	19.83	19.77	20.5	3.5
15	256QAM	36	20	19.69	19.87	19.60		
15	256QAM	36	39	19.57	19.70	19.61		
15	256QAM	75	0	19.55	19.66	19.55		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850	1880	1910		
10	QPSK	1	0	23.03	23.09	23.05	24	0
10	QPSK	1	25	22.94	22.92	22.98		
10	QPSK	1	49	22.90	22.95	22.90		
10	QPSK	25	0	22.90	23.04	22.99	24	0
10	QPSK	25	12	22.87	22.89	22.83		
10	QPSK	25	25	22.84	22.85	22.71		
10	QPSK	50	0	22.80	22.89	22.83		
10	16QAM	1	0	22.90	22.95	22.83	24	0
10	16QAM	1	25	22.81	22.91	22.88		
10	16QAM	1	49	22.68	22.76	22.66		
10	16QAM	25	0	22.74	22.80	22.75	23.5	0.5
10	16QAM	25	12	22.62	22.68	22.67		
10	16QAM	25	25	22.52	22.67	22.57		
10	16QAM	50	0	22.57	22.60	22.54		
10	64QAM	1	0	22.82	22.91	22.85	23.5	0.5
10	64QAM	1	25	22.64	22.68	22.76		
10	64QAM	1	49	22.72	22.76	22.71		
10	64QAM	25	0	21.79	21.84	21.68	22.5	1.5
10	64QAM	25	12	21.74	21.76	21.64		
10	64QAM	25	25	21.66	21.77	21.61		
10	64QAM	50	0	21.62	21.56	21.52		
10	256QAM	1	0	19.80	19.94	19.81	20.5	3.5
10	256QAM	1	25	19.68	19.75	19.72		
10	256QAM	1	49	19.74	19.73	19.68		
10	256QAM	25	0	19.82	19.91	19.77	20.5	3.5
10	256QAM	25	12	19.71	19.83	19.68		
10	256QAM	25	25	19.65	19.81	19.60		
10	256QAM	50	0	19.55	19.67	19.63		
Channel				26065	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	23.12	23.07	23.10	24	0
5	QPSK	1	12	22.95	22.92	23.03		
5	QPSK	1	24	22.86	22.90	22.95		
5	QPSK	12	0	22.86	23.04	23.02	24	0
5	QPSK	12	7	22.88	23.00	22.84		
5	QPSK	12	13	22.77	22.88	22.79		
5	QPSK	25	0	22.77	22.91	22.86		
5	16QAM	1	0	22.88	23.04	22.88	24	0
5	16QAM	1	12	22.88	22.90	22.87		
5	16QAM	1	24	22.67	22.77	22.73		
5	16QAM	12	0	22.70	22.84	22.73	23.5	0.5
5	16QAM	12	7	22.71	22.70	22.83		
5	16QAM	12	13	22.50	22.60	22.56		
5	16QAM	25	0	22.55	22.62	22.51		
5	64QAM	1	0	22.79	22.98	22.88	23.5	0.5
5	64QAM	1	12	22.71	22.92	22.81		
5	64QAM	1	24	22.65	22.69	22.76		
5	64QAM	12	0	21.78	21.84	21.70	22.5	1.5
5	64QAM	12	7	21.70	21.85	21.70		
5	64QAM	12	13	21.68	21.79	21.68		
5	64QAM	25	0	21.60	21.54	21.60		
5	256QAM	1	0	19.73	19.96	19.86	20.5	3.5
5	256QAM	1	12	19.71	19.82	19.75		
5	256QAM	1	24	19.68	19.75	19.74		
5	256QAM	12	0	19.70	19.85	19.84	20.5	3.5
5	256QAM	12	7	19.68	19.78	19.59		
5	256QAM	12	13	19.61	19.64	19.64		
5	256QAM	25	0	19.57	19.64	19.54		
Channel				26035	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1847.5	1880	1913.5		
3	QPSK	1	0	23.02	23.15	23.13	24	0
3	QPSK	1	8	22.98	22.95	22.98		
3	QPSK	1	14	22.94	22.93	22.99		
3	QPSK	8	0	22.94	23.05	22.96	24	0
3	QPSK	8	4	22.80	22.97	22.91		
3	QPSK	8	7	22.75	22.84	22.78		
3	QPSK	15	0	22.83	22.96	22.80		
3	16QAM	1	0	22.84	23.02	22.85	24	0
3	16QAM	1	8	22.89	22.80	22.87		
3	16QAM	1	14	22.77	22.75	22.66		
3	16QAM	8	0	22.66	22.87	22.79	23.5	0.5
3	16QAM	8	4	22.65	22.85	22.67		
3	16QAM	8	7	22.57	22.68	22.60		
3	16QAM	15	0	22.48	22.60	22.53		
3	64QAM	1	0	22.75	22.92	22.80	23.5	0.5
3	64QAM	1	8	22.66	22.91	22.76		
3	64QAM	1	14	22.65	22.72	22.69		
3	64QAM	8	0	21.76	21.87	21.64	22.5	1.5
3	64QAM	8	4	21.67	21.86	21.62		
3	64QAM	8	7	21.61	21.74	21.57		
3	64QAM	15	0	21.63	21.53	21.58		
3	256QAM	1	0	19.76	19.96	19.83	20.5	3.5
3	256QAM	1	8	19.69	19.85	19.77		
3	256QAM	1	14	19.63	19.72	19.67		
3	256QAM	8	0	19.76	19.83	19.81	20.5	3.5
3	256QAM	8	4	19.66	19.83	19.60		
3	256QAM	8	7	19.62	19.71	19.60		
3	256QAM	15	0	19.50	19.61	19.61		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	23.12	23.12	23.15	24	0
1.4	QPSK	1	3	22.98	22.97	23.05		
1.4	QPSK	1	5	22.93	22.93	22.96		
1.4	QPSK	3	0	22.89	23.09	22.97		
1.4	QPSK	3	1	22.81	22.87	22.82		
1.4	QPSK	3	3	22.81	22.94	22.71		
1.4	QPSK	6	0	22.89	22.86	22.80	24	0
1.4	16QAM	1	0	22.92	23.04	22.83	24	0
1.4	16QAM	1	3	22.86	22.90	22.81		
1.4	16QAM	1	5	22.84	23.00	22.81		
1.4	16QAM	3	0	22.78	22.89	22.78		
1.4	16QAM	3	1	22.85	22.95	22.84		
1.4	16QAM	3	3	22.90	23.03	22.79		
1.4	16QAM	6	0	22.70	22.87	22.69	23.5	0.5
1.4	64QAM	1	0	22.57	22.82	22.57	23.5	0.5
1.4	64QAM	1	3	22.57	22.80	22.55		
1.4	64QAM	1	5	22.79	22.76	22.67		
1.4	64QAM	3	0	22.67	22.86	22.84		
1.4	64QAM	3	1	22.71	22.70	22.69		
1.4	64QAM	3	3	22.72	22.86	22.83		
1.4	64QAM	6	0	21.68	21.91	21.70	22.5	1.5
1.4	256QAM	1	0	19.86	19.92	19.81	20.5	3.5
1.4	256QAM	1	3	19.69	19.76	19.78		
1.4	256QAM	1	5	19.71	19.78	19.65		
1.4	256QAM	3	0	19.73	19.93	19.72		
1.4	256QAM	3	1	19.69	19.76	19.67		
1.4	256QAM	3	3	19.65	19.85	19.58		
1.4	256QAM	6	0	19.54	19.67	19.62	20.5	3.5

Band 26 Ant0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	22.53	22.59	22.47	24	0
15	QPSK	1	37	22.38	22.39	22.38		
15	QPSK	1	74	22.28	22.37	22.31		
15	QPSK	36	0	22.37	22.54	22.37	24	0
15	QPSK	36	20	22.37	22.46	22.31		
15	QPSK	36	39	22.31	22.30	22.34		
15	QPSK	75	0	22.11	22.26	22.29		
15	16QAM	1	0	22.29	22.51	22.36	24	0
15	16QAM	1	37	22.34	22.40	22.27		
15	16QAM	1	74	22.28	22.34	22.22		
15	16QAM	36	0	22.33	22.47	22.38	23.5	0.5
15	16QAM	36	20	22.30	22.32	22.26		
15	16QAM	36	39	22.26	22.28	22.26		
15	16QAM	75	0	22.21	22.22	22.14		
15	64QAM	1	0	22.26	22.42	22.27	23.5	0.5
15	64QAM	1	37	22.26	22.27	22.23		
15	64QAM	1	74	22.10	22.25	22.20		
15	64QAM	36	0	21.26	21.37	21.25	22.5	1.5
15	64QAM	36	20	21.21	21.27	21.22		
15	64QAM	36	39	21.11	21.15	21.15		
15	64QAM	75	0	21.04	21.08	21.02		
15	256QAM	1	0	19.46	19.62	19.47	20.5	3.5
15	256QAM	1	37	19.39	19.48	19.44		
15	256QAM	1	74	19.33	19.39	19.39		
15	256QAM	36	0	19.36	19.49	19.36	20.5	3.5
15	256QAM	36	20	19.22	19.40	19.34		
15	256QAM	36	39	19.22	19.34	19.30		
15	256QAM	75	0	19.13	19.27	19.15		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816	831.5	844		
10	QPSK	1	0	22.42	22.44	22.37	24	0
10	QPSK	1	25	22.23	22.33	22.23		
10	QPSK	1	49	22.14	22.25	22.20		
10	QPSK	25	0	22.23	22.45	22.27	24	0
10	QPSK	25	12	22.24	22.39	22.16		
10	QPSK	25	25	22.05	22.19	22.22		
10	QPSK	50	0	22.28	22.25	22.25		
10	16QAM	1	0	22.17	22.41	22.32	24	0
10	16QAM	1	25	22.23	22.30	22.19		
10	16QAM	1	49	22.23	22.20	22.15		
10	16QAM	25	0	22.21	22.41	22.24	23.5	0.5
10	16QAM	25	12	22.23	22.26	22.14		
10	16QAM	25	25	22.17	22.18	22.18		
10	16QAM	50	0	22.13	22.11	22.07		
10	64QAM	1	0	22.16	22.29	22.18	23.5	0.5
10	64QAM	1	25	22.23	22.17	22.11		
10	64QAM	1	49	22.01	22.15	22.13		
10	64QAM	25	0	21.11	21.29	21.21	22.5	1.5
10	64QAM	25	12	21.14	21.22	21.08		
10	64QAM	25	25	21.05	21.07	21.03		
10	64QAM	50	0	20.91	21.02	20.88		
10	256QAM	1	0	19.41	19.50	19.34	20.5	3.5
10	256QAM	1	25	19.32	19.35	19.33		
10	256QAM	1	49	19.19	19.28	19.36		
10	256QAM	25	0	19.28	19.46	19.25	20.5	3.5
10	256QAM	25	12	19.07	19.31	19.21		
10	256QAM	25	25	19.15	19.20	19.16		
10	256QAM	50	0	18.99	19.18	19.04		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				806.5	831.5	846.5		
5	QPSK	1	0	22.43	22.49	22.40	24	0
5	QPSK	1	12	22.25	22.30	22.33		
5	QPSK	1	24	22.23	22.32	22.21		
5	QPSK	12	0	22.34	22.41	22.28	24	0
5	QPSK	12	7	22.28	22.33	22.20		
5	QPSK	12	13	22.21	22.24	22.25		
5	QPSK	25	0	22.26	22.23	22.21		
5	16QAM	1	0	22.16	22.46	22.24	24	0
5	16QAM	1	12	22.21	22.36	22.16		
5	16QAM	1	24	22.15	22.21	22.13		
5	16QAM	12	0	22.29	22.38	22.25	23.5	0.5
5	16QAM	12	7	22.16	22.28	22.19		
5	16QAM	12	13	22.21	22.22	22.23		
5	16QAM	25	0	22.12	22.14	22.07		
5	64QAM	1	0	22.18	22.32	22.17	23.5	0.5
5	64QAM	1	12	22.21	22.17	22.12		
5	64QAM	1	24	21.97	22.16	22.17		
5	64QAM	12	0	21.15	21.31	21.21	22.5	1.5
5	64QAM	12	7	21.10	21.18	21.14		
5	64QAM	12	13	21.02	21.12	21.03		
5	64QAM	25	0	20.94	21.01	20.87		
5	256QAM	1	0	19.36	19.50	19.39	20.5	3.5
5	256QAM	1	12	19.26	19.34	19.30		
5	256QAM	1	24	19.28	19.31	19.31		
5	256QAM	12	0	19.31	19.43	19.26	20.5	3.5
5	256QAM	12	7	19.13	19.31	19.27		
5	256QAM	12	13	19.17	19.28	19.17		
5	256QAM	25	0	19.06	19.14	19.01		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.50	22.50	22.37	24	0
3	QPSK	1	8	22.34	22.32	22.23		
3	QPSK	1	14	22.14	22.29	22.19		
3	QPSK	8	0	22.30	22.51	22.31	24	0
3	QPSK	8	4	22.32	22.33	22.16		
3	QPSK	8	7	22.22	22.27	22.23		
3	QPSK	15	0	22.24	22.33	22.22		
3	16QAM	1	0	22.21	22.44	22.30	24	0
3	16QAM	1	8	22.29	22.36	22.13		
3	16QAM	1	14	22.22	22.25	22.18		
3	16QAM	8	0	22.21	22.42	22.28	23.5	0.5
3	16QAM	8	4	22.25	22.24	22.18		
3	16QAM	8	7	22.22	22.21	22.15		
3	16QAM	15	0	22.17	22.05	22.09		
3	64QAM	1	0	22.19	22.38	22.12	23.5	0.5
3	64QAM	1	8	22.21	22.24	22.14		
3	64QAM	1	14	22.00	22.22	22.14		
3	64QAM	8	0	21.18	21.29	21.13	22.5	1.5
3	64QAM	8	4	21.10	21.19	21.13		
3	64QAM	8	7	20.99	21.08	21.06		
3	64QAM	15	0	20.99	21.02	20.89		
3	256QAM	1	0	19.41	19.53	19.37	20.5	3.5
3	256QAM	1	8	19.30	19.41	19.35		
3	256QAM	1	14	19.19	19.25	19.28		
3	256QAM	8	0	19.20	19.42	19.30	20.5	3.5
3	256QAM	8	4	19.10	19.29	19.25		
3	256QAM	8	7	19.17	19.26	19.16		
3	256QAM	15	0	19.08	19.16	19.01		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.47	22.52	22.42	24	0
1.4	QPSK	1	3	22.33	22.31	22.26		
1.4	QPSK	1	5	22.14	22.24	22.27		
1.4	QPSK	3	0	22.31	22.40	22.34		
1.4	QPSK	3	1	22.33	22.34	22.17		
1.4	QPSK	3	3	22.28	22.17	22.26		
1.4	QPSK	6	0	22.19	22.36	22.22	24	0
1.4	16QAM	1	0	22.14	22.45	22.29	24	0
1.4	16QAM	1	3	22.21	22.37	22.24		
1.4	16QAM	1	5	22.24	22.24	22.14		
1.4	16QAM	3	0	22.26	22.39	22.33		
1.4	16QAM	3	1	22.21	22.31	22.24		
1.4	16QAM	3	3	22.19	22.23	22.13		
1.4	16QAM	6	0	22.22	22.37	22.35	23.5	0.5
1.4	64QAM	1	0	22.21	22.28	22.20	23.5	0.5
1.4	64QAM	1	3	22.16	22.16	22.22		
1.4	64QAM	1	5	22.15	22.05	22.07		
1.4	64QAM	3	0	22.22	22.38	22.17		
1.4	64QAM	3	1	22.11	22.14	22.19		
1.4	64QAM	3	3	22.06	22.12	22.12		
1.4	64QAM	6	0	21.13	21.34	21.18	22.5	1.5
1.4	256QAM	1	0	19.38	19.54	19.42	20.5	3.5
1.4	256QAM	1	3	19.32	19.36	19.34		
1.4	256QAM	1	5	19.27	19.29	19.31		
1.4	256QAM	3	0	19.27	19.37	19.29		
1.4	256QAM	3	1	19.09	19.31	19.29		
1.4	256QAM	3	3	19.16	19.22	19.22		
1.4	256QAM	6	0	19.08	19.11	19.08	20.5	3.5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		23.26		24	0
10	QPSK	1	25		23.10			
10	QPSK	1	49		23.08			
10	QPSK	25	0		22.46		23	1
10	QPSK	25	12		22.28			
10	QPSK	25	25		22.23			
10	QPSK	50	0		22.37			
10	16QAM	1	0		22.23		23	1
10	16QAM	1	25		22.17			
10	16QAM	1	49		22.18			
10	16QAM	25	0		21.65		22	2
10	16QAM	25	12		21.45			
10	16QAM	25	25		21.38			
10	16QAM	50	0		21.38			
10	64QAM	1	0		21.71		22	2
10	64QAM	1	25		21.58			
10	64QAM	1	49		21.52			
10	64QAM	25	0		20.75		21	3
10	64QAM	25	12		20.57			
10	64QAM	25	25		20.59			
10	64QAM	50	0		20.53			
10	256QAM	1	0		19.38		20	4
10	256QAM	1	25		19.22			
10	256QAM	1	49		19.22			
10	256QAM	25	0		18.96		20	4
10	256QAM	25	12		18.83			
10	256QAM	25	25		18.78			
10	256QAM	50	0		18.73			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	23.16	23.21	23.13	24	0
5	QPSK	1	12	22.95	23.04	23.01		
5	QPSK	1	24	23.04	23.00	22.95		
5	QPSK	12	0	22.33	22.42	22.42	23	1
5	QPSK	12	7	22.20	22.21	22.11		
5	QPSK	12	13	22.09	22.17	22.08		
5	QPSK	25	0	22.23	22.24	22.16		
5	16QAM	1	0	22.28	22.19	22.26	23	1
5	16QAM	1	12	22.04	22.14	22.12		
5	16QAM	1	24	22.14	22.16	22.07		
5	16QAM	12	0	21.52	21.51	21.46	22	2
5	16QAM	12	7	21.36	21.33	21.34		
5	16QAM	12	13	21.28	21.26	21.22		
5	16QAM	25	0	21.28	21.24	21.24		
5	64QAM	1	0	21.57	21.66	21.67	22	2
5	64QAM	1	12	21.50	21.48	21.44		
5	64QAM	1	24	21.

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	23.17	23.22	23.14	24	0
20	QPSK	1	49	22.90	23.11	22.99		
20	QPSK	1	99	23.09	23.02	22.90		
20	QPSK	50	0	22.96	23.18	23.07	24	0
20	QPSK	50	24	22.92	23.08	22.99		
20	QPSK	50	50	22.85	22.98	22.92		
20	QPSK	100	0	22.88	23.01	22.91		
20	16QAM	1	0	22.89	23.10	22.96	24	0
20	16QAM	1	49	22.87	23.01	22.91		
20	16QAM	1	99	22.83	22.89	22.86		
20	16QAM	50	0	22.61	22.81	22.66	23.5	0.5
20	16QAM	50	24	22.60	22.85	22.63		
20	16QAM	50	50	22.55	22.57	22.57		
20	16QAM	100	0	22.48	22.58	22.54		
20	64QAM	1	0	22.55	22.75	22.64	23.5	0.5
20	64QAM	1	49	22.49	22.67	22.54		
20	64QAM	1	99	22.51	22.58	22.50		
20	64QAM	50	0	21.69	21.90	21.71	22.5	1.5
20	64QAM	50	24	21.63	21.77	21.77		
20	64QAM	50	50	21.63	21.72	21.61		
20	64QAM	100	0	21.57	21.82	21.58		
20	256QAM	1	0	18.86	19.07	18.93	20.5	3.5
20	256QAM	1	49	18.86	18.92	18.84		
20	256QAM	1	99	18.81	18.84	18.83		
20	256QAM	50	0	18.84	18.98	18.80		
20	256QAM	50	24	18.78	18.85	18.74		
20	256QAM	50	50	18.69	18.77	18.73		
20	256QAM	100	0	18.71	18.70	18.65		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
15	QPSK	1	0	23.05	23.16	23.00	24	0
15	QPSK	1	37	22.96	23.05	22.94		
15	QPSK	1	74	22.89	22.97	22.84		
15	QPSK	36	0	22.87	23.10	23.02	24	0
15	QPSK	36	20	22.82	23.00	22.92		
15	QPSK	36	39	22.78	22.87	22.78		
15	QPSK	75	0	22.82	22.91	22.78		
15	16QAM	1	0	22.68	23.07	22.90	24	0
15	16QAM	1	37	22.75	22.91	22.85		
15	16QAM	1	74	22.75	22.74	22.75		
15	16QAM	36	0	22.49	22.71	22.60	23.5	0.5
15	16QAM	36	20	22.57	22.60	22.60		
15	16QAM	36	39	22.44	22.52	22.54		
15	16QAM	75	0	22.41	22.45	22.44		
15	64QAM	1	0	22.47	22.62	22.57	23.5	0.5
15	64QAM	1	37	22.37	22.56	22.46		
15	64QAM	1	74	22.45	22.52	22.38		
15	64QAM	36	0	21.59	21.86	21.61	22.5	1.5
15	64QAM	36	20	21.51	21.63	21.67		
15	64QAM	36	39	21.50	21.60	21.52		
15	64QAM	75	0	21.48	21.50	21.51		
15	256QAM	1	0	18.76	18.99	18.80	20.5	3.5
15	256QAM	1	37	18.82	18.89	18.78		
15	256QAM	1	74	18.75	18.79	18.77		
15	256QAM	36	0	18.80	18.86	18.69		
15	256QAM	36	20	18.73	18.73	18.60		
15	256QAM	36	39	18.58	18.69	18.63		
15	256QAM	75	0	18.63	18.61	18.56		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	23.06	23.10	23.01	24	0
10	QPSK	1	25	22.94	23.02	22.89		
10	QPSK	1	49	22.86	22.96	22.82		
10	QPSK	25	0	22.84	23.07	23.03	24	0
10	QPSK	25	12	22.80	23.01	22.95		
10	QPSK	25	25	22.81	22.87	22.86		
10	QPSK	50	0	22.74	22.96	22.88		
10	16QAM	1	0	22.66	23.07	22.85	24	0
10	16QAM	1	25	22.81	22.93	22.80		
10	16QAM	1	49	22.76	22.75	22.74		
10	16QAM	25	0	22.57	22.76	22.55	23.5	0.5
10	16QAM	25	12	22.51	22.59	22.59		
10	16QAM	25	25	22.52	22.50	22.44		
10	16QAM	50	0	22.35	22.53	22.41		
10	64QAM	1	0	22.45	22.68	22.57	23.5	0.5
10	64QAM	1	25	22.41	22.55	22.42		
10	64QAM	1	49	22.43	22.52	22.43		
10	64QAM	25	0	21.56	21.75	21.61	22.5	1.5
10	64QAM	25	12	21.53	21.69	21.69		
10	64QAM	25	25	21.54	21.57	21.57		
10	64QAM	50	0	21.42	21.52	21.44		
10	256QAM	1	0	18.76	18.96	18.81	20.5	3.5
10	256QAM	1	25	18.79	18.82	18.80		
10	256QAM	1	49	18.73	18.79	18.77		
10	256QAM	25	0	18.71	18.87	18.74		
10	256QAM	25	12	18.75	18.81	18.63		
10	256QAM	25	25	18.69	18.65	18.62		
10	256QAM	50	0	18.63	18.57	18.53		
Channel				131897	132322	132747	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	23.03	23.09	23.03	24	0
5	QPSK	1	12	22.89	23.01	22.84		
5	QPSK	1	24	22.91	22.90	22.81		
5	QPSK	12	0	22.85	23.11	22.95	24	0
5	QPSK	12	7	22.79	22.98	22.95		
5	QPSK	12	13	22.76	22.89	22.83		
5	QPSK	25	0	22.84	22.96	22.87		
5	16QAM	1	0	22.72	22.98	22.82	24	0
5	16QAM	1	12	22.80	22.90	22.76		
5	16QAM	1	24	22.75	22.86	22.80		
5	16QAM	12	0	22.47	22.74	22.53	23.5	0.5
5	16QAM	12	7	22.57	22.61	22.59		
5	16QAM	12	13	22.43	22.52	22.51		
5	16QAM	25	0	22.37	22.53	22.48		
5	64QAM	1	0	22.46	22.72	22.57	23.5	0.5
5	64QAM	1	12	22.49	22.64	22.46		
5	64QAM	1	24	22.39	22.51	22.44		
5	64QAM	12	0	21.63	21.80	21.61	22.5	1.5
5	64QAM	12	7	21.51	21.67	21.70		
5	64QAM	12	13	21.58	21.67	21.56		
5	64QAM	25	0	21.51	21.53	21.50		
5	256QAM	1	0	18.76	19.01	18.86	20.5	3.5
5	256QAM	1	12	18.77	18.84	18.80		
5	256QAM	1	24	18.71	18.76	18.78		
5	256QAM	12	0	18.72	18.83	18.71		
5	256QAM	12	7	18.71	18.72	18.68		
5	256QAM	12	13	18.65	18.66	18.61		
5	256QAM	25	0	18.62	18.61	18.61		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	23.03	23.14	23.08	24	0
3	QPSK	1	8	22.89	23.00	22.93		
3	QPSK	1	14	22.98	22.89	22.75		
3	QPSK	8	0	22.87	23.05	23.03	24	0
3	QPSK	8	4	22.89	23.04	22.85		
3	QPSK	8	7	22.78	22.93	22.83		
3	QPSK	15	0	22.79	22.90	22.85		
3	16QAM	1	0	22.76	23.07	22.84	24	0
3	16QAM	1	8	22.82	22.98	22.87		
3	16QAM	1	14	22.76	22.85	22.82		
3	16QAM	8	0	22.56	22.73	22.53	23.5	0.5
3	16QAM	8	4	22.54	22.52	22.49		
3	16QAM	8	7	22.42	22.47	22.52		
3	16QAM	15	0	22.43	22.48	22.51		
3	64QAM	1	0	22.47	22.69	22.50	23.5	0.5
3	64QAM	1	8	22.41	22.62	22.46		
3	64QAM	1	14	22.42	22.48	22.38		
3	64QAM	8	0	21.57	21.85	21.59	22.5	1.5
3	64QAM	8	4	21.52	21.68	21.70		
3	64QAM	8	7	21.51	21.60	21.49		
3	64QAM	15	0	21.45	21.55	21.48		
3	256QAM	1	0	18.75	18.99	18.84	20.5	3.5
3	256QAM	1	8	18.85	18.86	18.79		
3	256QAM	1	14	18.74	18.81	18.70		
3	256QAM	8	0	18.69	18.88	18.73	20.5	3.5
3	256QAM	8	4	18.75	18.75	18.68		
3	256QAM	8	7	18.60	18.72	18.60		
3	256QAM	15	0	18.58	18.60	18.62		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.7	1745	1778.3		
1.4	QPSK	1	0	23.11	23.10	23.10	24	0
1.4	QPSK	1	3	22.89	23.04	22.92		
1.4	QPSK	1	5	22.92	22.93	22.86		
1.4	QPSK	3	0	22.82	23.14	22.98		
1.4	QPSK	3	1	22.80	23.04	22.95		
1.4	QPSK	3	3	22.71	22.96	22.84		
1.4	QPSK	6	0	22.74	22.90	22.87	24	0
1.4	16QAM	1	0	22.75	22.99	22.88	24	0
1.4	16QAM	1	3	22.73	22.95	22.81		
1.4	16QAM	1	5	22.79	22.94	22.87		
1.4	16QAM	3	0	22.71	22.99	22.91		
1.4	16QAM	3	1	22.78	22.91	22.83		
1.4	16QAM	3	3	22.73	22.80	22.74		
1.4	16QAM	6	0	22.47	22.76	22.54	23.5	0.5
1.4	64QAM	1	0	22.50	22.60	22.51	23.5	0.5
1.4	64QAM	1	3	22.47	22.51	22.43		
1.4	64QAM	1	5	22.43	22.48	22.49		
1.4	64QAM	3	0	22.42	22.64	22.53		
1.4	64QAM	3	1	22.40	22.61	22.40		
1.4	64QAM	3	3	22.44	22.44	22.40		
1.4	64QAM	6	0	21.66	21.76	21.57	22.5	1.5
1.4	256QAM	1	0	18.73	18.99	18.89	20.5	3.5
1.4	256QAM	1	3	18.78	18.85	18.75		
1.4	256QAM	1	5	18.76	18.69	18.69		
1.4	256QAM	3	0	18.86	18.86	18.76		
1.4	256QAM	3	1	18.74	18.79	18.59		
1.4	256QAM	3	3	18.68	18.69	18.61		
1.4	256QAM	6	0	18.64	18.58	18.60	20.5	3.5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				133222	133382	133532		
Frequency (MHz)				673	683	688		
20	QPSK	1	0	22.95	23.04	22.89	24	0
20	QPSK	1	49	22.84	22.87	22.77		
20	QPSK	1	99	22.71	22.88	22.66		
20	QPSK	50	0	22.76	22.94	22.84	24	0
20	QPSK	50	24	22.77	22.77	22.75		
20	QPSK	50	50	22.71	22.73	22.66		
20	QPSK	100	0	22.66	22.76	22.70		
20	16QAM	1	0	22.78	22.92	22.73	24	0
20	16QAM	1	49	22.69	22.83	22.73		
20	16QAM	1	99	22.61	22.76	22.66		
20	16QAM	50	0	22.53	22.74	22.61	23.5	0.5
20	16QAM	50	24	22.50	22.54	22.54		
20	16QAM	50	50	22.48	22.60	22.51		
20	16QAM	100	0	22.46	22.54	22.45		
20	64QAM	1	0	22.73	22.89	22.76	23.5	0.5
20	64QAM	1	49	22.72	22.75	22.72		
20	64QAM	1	99	22.64	22.69	22.80		
20	64QAM	50	0	21.67	21.83	21.73	22.5	1.5
20	64QAM	50	24	21.63	21.72	21.69		
20	64QAM	50	50	21.58	21.61	21.62		
20	64QAM	100	0	21.49	21.55	21.55		
20	256QAM	1	0	19.64	19.61	19.72	20.5	3.5
20	256QAM	1	49	19.57	19.61	19.61		
20	256QAM	1	99	19.58	19.64	19.55		
20	256QAM	50	0	19.59	19.77	19.58		
20	256QAM	50	24	19.56	19.64	19.53		
20	256QAM	50	50	19.54	19.64	19.50		
20	256QAM	100	0	19.43	19.48	19.47		
Channel				133197	133207	133397	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	0	22.83	23.00	22.78	24	0
15	QPSK	1	37	22.73	22.75	22.65		
15	QPSK	1	74	22.67	22.62	22.58		
15	QPSK	36	0	22.69	22.88	22.74	24	0
15	QPSK	36	20	22.64	22.63	22.66		
15	QPSK	36	39	22.68	22.64	22.53		
15	QPSK	75	0	22.58	22.61	22.59		
15	16QAM	1	0	22.68	22.78	22.64	24	0
15	16QAM	1	37	22.64	22.69	22.68		
15	16QAM	1	74	22.47	22.69	22.59		
15	16QAM	36	0	22.44	22.62	22.52	23.5	0.5
15	16QAM	36	20	22.40	22.49	22.49		
15	16QAM	36	39	22.45	22.46	22.40		
15	16QAM	75	0	22.33	22.41	22.41		
15	64QAM	1	0	22.68	22.82	22.67	23.5	0.5
15	64QAM	1	37	22.66	22.63	22.67		
15	64QAM	1	74	22.59	22.57	22.55		
15	64QAM	36	0	21.61	21.78	21.58	22.5	1.5
15	64QAM	36	20	21.49	21.59	21.57		
15	64QAM	36	39	21.46	21.47	21.57		
15	64QAM	75	0	21.46	21.50	21.44		
15	256QAM	1	0	19.52	19.68	19.62	20.5	3.5
15	256QAM	1	37	19.47	19.53	19.46		
15	256QAM	1	74	19.54	19.57	19.45		
15	256QAM	36	0	19.49	19.65	19.46		
15	256QAM	36	20	19.43	19.55	19.48		
15	256QAM	36	39	19.50	19.60	19.43		
15	256QAM	75	0	19.31	19.37	19.36		
Channel				133172	133272	133422	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	678	688		
10	QPSK	1	0	22.83	22.96	22.78	24	0
10	QPSK	1	25	22.75	22.74	22.64		
10	QPSK	1	49	22.67	22.83	22.59		
10	QPSK	25	0	22.71	22.81	22.73	24	0
10	QPSK	25	12	22.70	22.73	22.63		
10	QPSK	25	25	22.66	22.65	22.56		
10	QPSK	50	0	22.60	22.71	22.59		
10	16QAM	1	0	22.73	22.77	22.64	24	0
10	16QAM	1	25	22.58	22.72	22.69		
10	16QAM	1	49	22.50	22.67	22.62		
10	16QAM	25	0	22.42	22.62	22.55	23.5	0.5
10	16QAM	25	12	22.40	22.47	22.49		
10	16QAM	25	25	22.42	22.46	22.40		
10	16QAM	50	0	22.32	22.50	22.40		
10	64QAM	1	0	22.64	22.73	22.65	23.5	0.5
10	64QAM	1	25	22.53	22.61	22.59		
10	64QAM	1	49	22.54	22.55	22.49		
10	64QAM	25	0	21.63	21.71	21.80	22.5	1.5
10	64QAM	25	12	21.52	21.63	21.58		
10	64QAM	25	25	21.41	21.54	21.55		
10	64QAM	50	0	21.35	21.51	21.48		
10	256QAM	1	0	19.69	19.72	19.61	20.5	3.5
10	256QAM	1	25	19.42	19.49	19.48		
10	256QAM	1	49	19.53	19.51	19.49		
10	256QAM	25	0	19.52	19.72	19.55	20.5	3.5
10	256QAM	25	12	19.43	19.55	19.43		
10	256QAM	25	25	19.44	19.53	19.37		
10	256QAM	50	0	19.36	19.37	19.36		
Channel				133147	133247	133447	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	675.5	695.5		
5	QPSK	1	0	22.82	22.90	22.82	24	0
5	QPSK	1	12	22.75	22.83	22.63		
5	QPSK	1	24	22.64	22.84	22.53		
5	QPSK	12	0	22.68	22.81	22.80	24	0
5	QPSK	12	7	22.64	22.69	22.61		
5	QPSK	12	13	22.59	22.60	22.57		
5	QPSK	25	0	22.57	22.71	22.65		
5	16QAM	1	0	22.68	22.82	22.63	24	0
5	16QAM	1	12	22.54	22.75	22.69		
5	16QAM	1	24	22.70	22.81	22.64		
5	16QAM	12	0	22.49	22.71	22.49	23.5	0.5
5	16QAM	12	7	22.43	22.42	22.43		
5	16QAM	12	13	22.38	22.54	22.42		
5	16QAM	25	0	22.42	22.42	22.41		
5	64QAM	1	0	22.68	22.80	22.62	23.5	0.5
5	64QAM	1	12	22.62	22.61	22.57		
5	64QAM	1	24	22.58	22.55	22.46		
5	64QAM	12	0	21.61	21.71	21.64	22.5	1.5
5	64QAM	12	7	21.52	21.65	21.63		
5	64QAM	12	13	21.50	21.61	21.51		
5	64QAM	25	0	21.39	21.43	21.52		
5	256QAM	1	0	19.60	19.74	19.68	20.5	3.5
5	256QAM	1	12	19.44	19.49	19.58		
5	256QAM	1	24	19.45	19.60	19.40		
5	256QAM	12	0	19.54	19.63	19.45	20.5	3.5
5	256QAM	12	7	19.41	19.50	19.41		
5	256QAM	12	13	19.44	19.52	19.40		
5	256QAM	25	0	19.31	19.43	19.36		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2590	2610		
20	QPSK	1	0	20.67	20.69	20.50	22	0
20	QPSK	1	49	20.46	20.43	20.46		
20	QPSK	1	99	20.47	20.43	20.40		
20	QPSK	50	0	20.47	20.55	20.33	22	0
20	QPSK	50	24	20.36	20.50	20.42		
20	QPSK	50	50	20.23	20.36	20.32		
20	QPSK	100	0	20.37	20.52	20.33		
20	16QAM	1	0	20.46	20.57	20.39	22	0
20	16QAM	1	49	20.36	20.45	20.33		
20	16QAM	1	99	20.29	20.33	20.40		
20	16QAM	50	0	20.06	20.23	20.04	21.5	0.5
20	16QAM	50	24	20.10	20.06	20.05		
20	16QAM	50	50	19.87	20.03	19.96		
20	16QAM	100	0	19.92	20.11	20.00		
20	64QAM	1	0	20.03	20.26	20.03	21.5	0.5
20	64QAM	1	49	19.94	20.04	20.10		
20	64QAM	1	99	20.10	20.01	20.06		
20	64QAM	50	0	19.86	20.04	19.95	20.5	1.5
20	64QAM	50	24	19.83	19.90	19.89		
20	64QAM	50	50	19.82	19.86	19.83		
20	64QAM	100	0	19.85	19.88	19.79		
20	256QAM	1	0	17.91	18.08	17.94	18.5	3.5
20	256QAM	1	49	17.82	18.08	17.92		
20	256QAM	1	99	17.86	17.85	17.87		
20	256QAM	50	0	17.94	18.06	17.97	18.5	3.5
20	256QAM	50	24	17.90	17.95	17.90		
20	256QAM	50	50	17.77	17.87	17.81		
20	256QAM	100	0	17.91	18.03	17.94		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	20.50	20.60	20.47	22	0
15	QPSK	1	37	20.29	20.36	20.42		
15	QPSK	1	74	20.40	20.36	20.23		
15	QPSK	36	0	20.30	20.38	20.27	22	0
15	QPSK	36	20	20.24	20.39	20.31		
15	QPSK	36	39	20.17	20.27	20.24		
15	QPSK	75	0	20.31	20.39	20.25		
15	16QAM	1	0	20.31	20.44	20.25	22	0
15	16QAM	1	37	20.27	20.37	20.17		
15	16QAM	1	74	20.25	20.23	20.33		
15	16QAM	36	0	19.95	20.20	19.88	21.5	0.5
15	16QAM	36	20	19.92	19.95	19.95		
15	16QAM	36	39	19.79	19.93	19.83		
15	16QAM	75	0	19.85	19.99	19.88		
15	64QAM	1	0	19.94	20.23	19.99	21.5	0.5
15	64QAM	1	37	19.77	19.97	20.07		
15	64QAM	1	74	20.01	19.95	19.99		
15	64QAM	36	0	19.77	20.01	19.81	20.5	1.5
15	64QAM	36	20	19.73	19.86	19.85		
15	64QAM	36	39	19.71	19.72	19.79		
15	64QAM	75	0	19.75	19.85	19.69		
15	256QAM	1	0	17.78	17.97	17.88	18.5	3.5
15	256QAM	1	37	17.70	18.04	17.89		
15	256QAM	1	74	17.73	17.82	17.72		
15	256QAM	36	0	17.83	18.00	17.92	18.5	3.5
15	256QAM	36	20	17.86	17.89	17.82		
15	256QAM	36	39	17.64	17.77	17.71		
15	256QAM	75	0	17.79	17.99	17.87		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2590	2615		
10	QPSK	1	0	20.56	20.52	20.46	22	0
10	QPSK	1	25	20.31	20.39	20.41		
10	QPSK	1	49	20.35	20.26	20.34		
10	QPSK	25	0	20.37	20.42	20.22	22	0
10	QPSK	25	12	20.24	20.46	20.26		
10	QPSK	25	25	20.17	20.25	20.22		
10	QPSK	50	0	20.34	20.42	20.28		
10	16QAM	1	0	20.32	20.41	20.25	22	0
10	16QAM	1	25	20.22	20.33	20.29		
10	16QAM	1	49	20.15	20.17	20.33		
10	16QAM	25	0	20.04	20.20	19.98	21.5	0.5
10	16QAM	25	12	20.04	19.93	19.90		
10	16QAM	25	25	19.81	19.86	19.87		
10	16QAM	50	0	19.86	20.04	19.84		
10	64QAM	1	0	19.89	20.09	20.01	21.5	0.5
10	64QAM	1	25	19.82	20.01	20.01		
10	64QAM	1	49	20.06	19.83	20.04		
10	64QAM	25	0	19.81	20.00	19.81	20.5	1.5
10	64QAM	25	12	19.71	19.85	19.78		
10	64QAM	25	25	19.74	19.71	19.75		
10	64QAM	50	0	19.80	19.83	19.72		
10	256QAM	1	0	17.81	18.03	17.84	18.5	3.5
10	256QAM	1	25	17.73	17.97	17.86		
10	256QAM	1	49	17.71	17.70	17.74		
10	256QAM	25	0	17.84	17.93	17.84	18.5	3.5
10	256QAM	25	12	17.80	17.91	17.85		
10	256QAM	25	25	17.69	17.82	17.69		
10	256QAM	50	0	17.85	17.98	17.84		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	20.56	20.61	20.38	22	0
5	QPSK	1	12	20.31	20.32	20.37		
5	QPSK	1	24	20.44	20.39	20.33		
5	QPSK	12	0	20.38	20.46	20.20	22	0
5	QPSK	12	7	20.24	20.42	20.36		
5	QPSK	12	13	20.11	20.29	20.18		
5	QPSK	25	0	20.20	20.39	20.29		
5	16QAM	1	0	20.31	20.44	20.23	22	0
5	16QAM	1	12	20.28	20.39	20.15		
5	16QAM	1	24	20.16	20.29	20.25		
5	16QAM	12	0	19.93	20.17	19.96	21.5	0.5
5	16QAM	12	7	19.97	19.92	20.00		
5	16QAM	12	13	19.77	19.93	19.80		
5	16QAM	25	0	19.82	19.96	19.93		
5	64QAM	1	0	19.94	20.12	20.00	21.5	0.5
5	64QAM	1	12	19.89	19.98	20.03		
5	64QAM	1	24	19.95	19.91	19.99		
5	64QAM	12	0	19.78	19.89	19.81	20.5	1.5
5	64QAM	12	7	19.75	19.78	19.75		
5	64QAM	12	13	19.72	19.78	19.71		
5	64QAM	25	0	19.80	19.78	19.66		
5	256QAM	1	0	17.83	18.01	17.86	18.5	3.5
5	256QAM	1	12	17.74	18.03	17.82		
5	256QAM	1	24	17.74	17.70	17.78		
5	256QAM	12	0	17.86	17.93	17.85	18.5	3.5
5	256QAM	12	7	17.79	17.86	17.86		
5	256QAM	12	13	17.70	17.81	17.70		
5	256QAM	25	0	17.87	17.89	17.89		

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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)				2536	2549.5	2593	2636.5	2680		
20	QPSK	1	0	22.49	22.62	22.66	22.54	22.44	24	0
20	QPSK	1	49	22.33	22.54	22.52	22.25	22.39		
20	QPSK	1	99	22.26	22.31	22.42	22.25	22.24		
20	QPSK	50	0	22.27	22.18	22.34	22.22	22.28	23.5	0.5
20	QPSK	50	24	22.05	22.15	22.16	22.15	22.02		
20	QPSK	50	50	22.09	22.10	22.16	22.06	22.13		
20	QPSK	100	0	22.25	22.10	22.30	22.10	22.20		
20	16QAM	1	0	22.15	22.13	22.28	22.13	22.14	23.5	0.5
20	16QAM	1	49	22.01	22.04	22.10	22.09	22.00		
20	16QAM	1	99	22.02	22.03	22.13	22.04	22.00		
20	16QAM	50	0	21.32	21.18	21.38	21.24	21.29	22.5	1.5
20	16QAM	50	24	21.12	21.17	21.20	21.25	21.17		
20	16QAM	50	50	21.01	21.08	21.16	21.16	21.04		
20	16QAM	100	0	21.30	21.21	21.33	21.19	21.27		
20	64QAM	1	0	21.41	21.33	21.49	21.36	21.38	22.5	1.5
20	64QAM	1	49	21.32	21.27	21.37	21.27	21.30		
20	64QAM	1	99	21.19	21.24	21.30	21.20	21.20		
20	64QAM	50	0	20.27	20.27	20.40	20.30	20.31	21.5	2.5
20	64QAM	50	24	20.23	20.24	20.32	20.22	20.29		
20	64QAM	50	50	20.19	20.18	20.24	20.13	20.17		
20	64QAM	100	0	20.10	20.14	20.22	20.25	20.10		
20	256QAM	1	0	18.24	18.20	18.37	18.24	18.23	19.5	4.5
20	256QAM	1	49	18.27	18.18	18.37	18.16	18.24		
20	256QAM	1	99	18.10	18.08	18.23	18.15	18.16		
20	256QAM	50	0	18.19	18.14	18.34	18.19	18.19	19.5	4.5
20	256QAM	50	24	18.19	18.14	18.24	18.10	18.14		
20	256QAM	50	50	18.12	18.05	18.20	18.09	18.10		
20	256QAM	100	0	18.14	18.16	18.28	18.10	18.17		
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	22.37	22.58	22.55	22.43	22.33	24.00	0
15	QPSK	1	37	22.17	22.37	22.46	22.09	22.36		
15	QPSK	1	74	22.14	22.25	22.28	22.17	22.11		
15	QPSK	36	0	22.20	22.08	22.24	22.09	22.25	23.5	0.5
15	QPSK	36	20	21.99	22.01	22.09	22.05	21.91		
15	QPSK	36	39	22.03	22.02	22.05	21.99	22.05		
15	QPSK	75	0	22.13	21.96	22.15	22.06	22.11		
15	16QAM	1	0	22.09	21.98	22.16	22.06	22.11	23.5	0.5
15	16QAM	1	37	21.93	22.00	21.97	22.02	21.90		
15	16QAM	1	74	21.99	21.91	22.04	21.97	21.94		
15	16QAM	36	0	21.28	21.04	21.26	21.18	21.26	22.5	1.5
15	16QAM	36	20	20.98	21.09	21.05	21.20	21.09		
15	16QAM	36	39	20.88	21.03	21.01	21.05	20.92		
15	16QAM	75	0	21.17	21.17	21.20	21.04	21.13		
15	64QAM	1	0	21.32	21.20	21.35	21.31	21.33	22.5	1.5
15	64QAM	1	37	21.27	21.18	21.22	21.17	21.22		
15	64QAM	1	74	21.12	21.09	21.23	21.07	21.08		
15	64QAM	36	0	20.20	20.19	20.36	20.20	20.20	21.5	2.5
15	64QAM	36	20	20.09	20.09	20.26	20.17	20.16		
15	64QAM	36	39	20.10	20.15	20.18	19.98	20.12		
15	64QAM	75	0	19.99	20.05	20.08	20.12	20.00		
15	256QAM	1	0	18.15	18.14	18.29	18.13	18.19	19.5	4.5
15	256QAM	1	37	18.20	18.10	18.33	18.02	18.12		
15	256QAM	1	74	18.04	18.02	18.12	18.11	18.08		
15	256QAM	36	0	18.07	18.07	18.21	18.13	18.15	19.5	4.5
15	256QAM	36	20	18.12	18.03	18.16	17.98	18.05		
15	256QAM	36	39	18.08	17.93	18.11	18.02	18.01		
15	256QAM	75	0	18.10	18.11	18.16	18.03	18.06		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.42	22.50	22.49	22.52	22.27	24.00	0
10	QPSK	1	25	22.19	22.51	22.35	22.19	22.31		
10	QPSK	1	49	22.21	22.18	22.34	22.19	22.20		
10	QPSK	25	0	22.16	22.04	22.20	22.08	22.16	23.5	0.5
10	QPSK	25	12	21.91	22.04	22.13	22.12	21.92		
10	QPSK	25	25	21.96	22.05	22.06	21.92	22.04		
10	QPSK	50	0	22.13	21.95	22.18	22.05	22.13		
10	16QAM	1	0	22.10	22.00	22.13	22.05	22.08	23.5	0.5
10	16QAM	1	25	21.89	21.96	22.01	22.01	21.87		
10	16QAM	1	49	21.87	21.90	22.07	21.93	21.86		
10	16QAM	25	0	21.22	21.13	21.29	21.13	21.21	22.5	1.5
10	16QAM	25	12	21.05	21.12	21.15	21.10	21.09		
10	16QAM	25	25	20.89	21.05	21.13	21.06	20.90		
10	16QAM	50	0	21.25	21.07	21.28	21.13	21.15		
10	64QAM	1	0	21.32	21.23	21.40	21.32	21.29	22.5	1.5
10	64QAM	1	25	21.23	21.13	21.33	21.14	21.19		
10	64QAM	1	49	21.15	21.14	21.18	21.11	21.14		
10	64QAM	25	0	20.12	20.17	20.30	20.26	20.23	21.5	2.5
10	64QAM	25	12	20.16	20.15	20.19	20.10	20.26		
10	64QAM	25	25	20.10	20.14	20.18	20.10	20.03		
10	64QAM	50	0	20.00	20.01	20.18	20.12	20.06		
10	256QAM	1	0	18.15	18.06	18.33	18.21	18.20	19.5	4.5
10	256QAM	1	25	18.16	18.08	18.29	18.07	18.12		
10	256QAM	1	49	18.05	17.99	18.18	18.12	18.02		
10	256QAM	25	0	18.14	18.09	18.20	18.09	18.10	19.5	4.5
10	256QAM	25	12	18.13	18.09	18.09	17.97	18.09		
10	256QAM	25	25	18.09	18.01	18.10	17.97	17.95		
10	256QAM	50	0	18.08	18.10	18.17	17.99	18.12		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	22.32	22.47	22.56	22.43	22.42	24.00	0
5	QPSK	1	12	22.20	22.51	22.37	22.13	22.33		
5	QPSK	1	24	22.12	22.27	22.34	22.09	22.20		
5	QPSK	12	0	22.22	22.05	22.23	22.07	22.23	23.5	0.5
5	QPSK	12	7	21.94	22.08	22.06	22.00	21.93		
5	QPSK	12	13	21.99	21.96	22.10	22.01	21.99		
5	QPSK	25	0	22.21	22.04	22.19	21.99	22.17		
5	16QAM	1	0	22.10	22.02	22.15	21.99	22.09	23.5	0.5
5	16QAM	1	12	21.89	21.97	22.06	21.99	21.97		
5	16QAM	1	24	21.87	22.00	22.03	21.95	21.92		
5	16QAM	12	0	21.25	21.12	21.34	21.11	21.20	22.5	1.5
5	16QAM	12	7	20.97	21.03	21.12	21.10	21.09		
5	16QAM	12	13	20.89	20.95	21.02	21.08	20.91		
5	16QAM	25	0	21.18	21.10	21.22	21.08	21.19		
5	64QAM	1	0	21.35	21.27	21.36	21.28	21.27	22.5	1.5
5	64QAM	1	12	21.28	21.13	21.25	21.19	21.16		
5	64QAM	1	24	21.08	21.20	21.26	21.16	21.16		
5	64QAM	12	0	20.12	20.23	20.34	20.20	20.18	21.5	2.5
5	64QAM	12	7	20.14	20.17	20.19	20.15	20.25		
5	64QAM	12	13	20.08	20.04	20.10	20.07	20.04		
5	64QAM	25	0	19.99	19.99	20.16	20.20	20.02		
5	256QAM	1	0	18.13	18.13	18.31	18.11	18.10	19.5	4.5
5	256QAM	1	12	18.24	18.07	18.25	18.02	18.21		
5	256QAM	1	24	17.98	18.00	18.19	18.00	18.01		
5	256QAM	12	0	18.07	18.04	18.20	18.08	18.12	19.5	4.5
5	256QAM	12	7	18.06	18.10	18.14	17.99	18.09		
5	256QAM	12	13	18.01	17.96	18.06	18.03	17.98		
5	256QAM	25	0	18.00	18.06	18.14	18.06	18.09		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	25.60	25.56	25.62	25.46	25.43		
20	QPSK	1	49	25.46	25.23	25.56	25.40	25.36	26	0
20	QPSK	1	99	25.23	25.38	25.42	25.35	25.31		
20	QPSK	50	0	25.42	25.34	25.48	25.21	25.08		
20	QPSK	50	24	25.32	25.23	25.38	25.29	25.10	26	0
20	QPSK	50	50	25.07	25.19	25.20	25.26	25.08		
20	QPSK	100	0	25.32	25.20	25.36	25.28	25.13		
20	16QAM	1	0	25.55	25.46	25.60	25.46	25.41		
20	16QAM	1	49	25.35	25.39	25.48	25.46	25.27	26	0
20	16QAM	1	99	25.30	25.34	25.42	25.44	25.22		
20	16QAM	50	0	24.26	24.15	24.36	24.27	24.10		
20	16QAM	50	24	24.19	24.20	24.28	24.11	24.06	25	1
20	16QAM	50	50	24.11	24.05	24.17	24.11	23.97		
20	16QAM	100	0	24.25	24.21	24.33	24.15	24.17		
20	64QAM	1	0	24.18	24.15	24.29	24.10	24.10		
20	64QAM	1	49	24.02	24.11	24.10	24.10	23.96	25	1
20	64QAM	1	99	24.08	24.03	24.14	24.03	23.96		
20	64QAM	50	0	23.26	23.22	23.38	23.20	23.14		
20	64QAM	50	24	23.15	23.14	23.27	23.19	23.03	24	2
20	64QAM	50	50	23.14	23.10	23.23	23.15	23.06		
20	64QAM	100	0	23.11	23.17	23.23	23.22	23.02		
20	256QAM	1	0	21.51	21.42	21.59	21.46	21.29		
20	256QAM	1	49	21.54	21.40	21.59	21.45	21.30	22	4
20	256QAM	1	99	21.24	21.37	21.38	21.38	21.28		
20	256QAM	50	0	21.36	21.31	21.43	21.35	21.24		
20	256QAM	50	24	21.22	21.16	21.29	21.24	21.04	22	4
20	256QAM	50	50	21.14	21.12	21.21	21.20	21.05		
20	256QAM	100	0	21.32	21.21	21.38	21.19	21.16		
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	25.52	25.47	25.59	25.30	25.28		
15	QPSK	1	37	25.39	25.12	25.50	25.28	25.20	26.00	0
15	QPSK	1	74	25.13	25.30	25.35	25.24	25.23		
15	QPSK	36	0	25.39	25.31	25.31	25.10	24.91		
15	QPSK	36	20	25.20	25.06	25.34	25.19	24.95	26	0
15	QPSK	36	39	24.93	25.03	25.07	25.24	25.04		
15	QPSK	75	0	25.24	25.15	25.23	25.15	25.00		
15	16QAM	1	0	25.43	25.36	25.51	25.38	25.36		
15	16QAM	1	37	25.25	25.30	25.37	25.42	25.23	26	0
15	16QAM	1	74	25.16	25.21	25.28	25.38	25.10		
15	16QAM	36	0	24.22	24.02	24.24	24.16	23.97		
15	16QAM	36	20	24.05	24.08	24.22	24.05	23.92	25	1
15	16QAM	36	39	24.08	23.99	24.08	24.06	23.86		
15	16QAM	75	0	24.19	24.08	24.27	24.04	24.02		
15	64QAM	1	0	24.04	24.10	24.16	24.05	23.99		
15	64QAM	1	37	23.89	24.04	23.97	23.98	23.88	25	1
15	64QAM	1	74	24.03	23.89	24.10	23.94	23.92		
15	64QAM	36	0	23.19	23.18	23.35	23.05	23.05		
15	64QAM	36	20	23.05	22.99	23.22	23.15	22.97	24	2
15	64QAM	36	39	23.04	22.99	23.14	23.10	22.96		
15	64QAM	75	0	23.04	23.03	23.08	23.18	22.92		
15	256QAM	1	0	21.43	21.30	21.51	21.39	21.22		
15	256QAM	1	37	21.42	21.27	21.46	21.36	21.19	22	4
15	256QAM	1	74	21.20	21.26	21.32	21.23	21.20		
15	256QAM	36	0	21.24	21.17	21.34	21.25	21.11		
15	256QAM	36	20	21.08	21.12	21.21	21.16	20.99	22	4
15	256QAM	36	39	21.10	21.08	21.07	21.09	20.98		
15	256QAM	75	0	21.21	21.12	21.31	21.06	21.07		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	25.44	25.44	25.54	25.33	25.27		
10	QPSK	1	25	25.35	25.11	25.51	25.34	25.28	26.00	0
10	QPSK	1	49	25.06	25.30	25.30	25.31	25.16		
10	QPSK	25	0	25.34	25.22	25.36	25.10	24.92		
10	QPSK	25	12	25.28	25.05	25.22	25.14	25.03	26	0
10	QPSK	25	25	24.92	25.06	25.09	25.14	24.97		
10	QPSK	50	0	25.30	25.06	25.23	25.24	24.96		
10	16QAM	1	0	25.47	25.40	25.60	25.41	25.36		
10	16QAM	1	25	25.20	25.34	25.40	25.38	25.12	26	0
10	16QAM	1	49	25.21	25.21	25.28	25.36	25.17		
10	16QAM	25	0	24.23	24.09	24.31	24.12	24.03		
10	16QAM	25	12	24.12	24.15	24.22	24.06	23.91	25	1
10	16QAM	25	25	24.04	23.96	24.14	24.04	23.85		
10	16QAM	50	0	24.18	24.14	24.28	24.06	24.13		
10	64QAM	1	0	24.09	24.09	24.26	24.06	23.97		
10	64QAM	1	25	23.94	23.98	24.02	23.99	23.88	25	1
10	64QAM	1	49	23.94	23.89	24.02	23.92	23.86		
10	64QAM	25	0	23.21	23.08	23.28	23.15	23.03		
10	64QAM	25	12	23.05	23.10	23.24	23.09	22.89	24	2
10	64QAM	25	25	23.02	22.97	23.20	23.08	22.96		
10	64QAM	50	0	22.97	23.07	23.13	23.18	22.98		
10	256QAM	1	0	21.47	21.39	21.54	21.36	21.18		
10	256QAM	1	25	21.51	21.26	21.47	21.39	21.25	22	4
10	256QAM	1	49	21.14	21.30	21.35	21.30	21.22		
10	256QAM	25	0	21.28	21.21	21.36	21.32	21.20		
10	256QAM	25	12	21.09	21.04	21.23	21.17	20.94	22	4
10	256QAM	25	25	20.99	21.07	21.13	21.16	20.96		
10	256QAM	50	0	21.28	21.16	21.27	21.11	21.02		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	25.51	25.43	25.46	25.38	25.40		
5	QPSK	1	12	25.43	25.07	25.45	25.33	25.31	26.00	0
5	QPSK	1	24	25.15	25.24	25.36	25.21	25.26		
5	QPSK	12	0	25.39	25.32	25.41	25.09	24.93		
5	QPSK	12	7	25.24	25.15	25.28	25.12	25.03	26	0
5	QPSK	12	13	24.93	25.06	25.02	25.17	25.05		
5	QPSK	25	0	25.21	25.05	25.28	25.22	25.09		
5	16QAM	1	0	25.47	25.42	25.62	25.38	25.27		
5	16QAM	1	12	25.29	25.29	25.33	25.35	25.24	26	0
5	16QAM	1	24	25.19	25.21	25.36	25.34	25.18		
5	16QAM	12	0	24.20	24.02	24.31	24.20	24.02		
5	16QAM	12	7	24.15	24.14	24.19	24.06	23.97	25	1
5	16QAM	12	13	24.06	23.98	24.03	24.07	23.89		
5	16QAM	25	0	24.12	24.15	24.26	24.06	24.07		
5	64QAM	1	0	24.07	24.10	24.21	24.05	24.00		
5	64QAM	1	12	23.91	23.97	24.02	24.07	23.92	25	1
5	64QAM	1	24	23.97	23.99	24.11	23.99	23.89		
5	64QAM	12	0	23.18	23.14	23.27	23.07	23.06		
5	64QAM	12	7	23.08	23.08	23.15	23.10	22.99	24	2
5	64QAM	12	13	23.00	22.98	23.16	23.05	23.01		
5	64QAM	25	0	23.08	23.11	23.11	23.18	22.98		
5	256QAM	1	0	21.45	21.34	21.49	21.41	21.22		
5	256QAM	1	12	21.48	21.25	21.46	21.37	21.17	22	4
5	256QAM	1	24	21.19	21.30	21.32	21.28	21.22		
5	256QAM	12	0	21.28	21.25	21.33	21.22	21.19		
5	256QAM	12	7	21.19	21.07	21.22	21.20	20.93	22	4
5	256QAM	12	13	21.08	21.06	21.15	21.16	20.96		
5	256QAM	25	0	21.24	21.16	21.25	21.12	21.06		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	21.28	21.44	21.37	21.32		
20	QPSK	1	49	21.23	21.39	21.34	21.25	23	0
20	QPSK	1	99	21.26	21.34	21.19	21.20		
20	QPSK	50	0	21.25	21.37	21.32	21.23		
20	QPSK	50	24	21.24	21.35	21.30	21.31	23	0
20	QPSK	50	50	21.26	21.31	21.26	21.23		
20	QPSK	100	0	21.15	21.28	21.14	21.22		
20	16QAM	1	0	21.31	21.34	21.30	21.24		
20	16QAM	1	49	21.23	21.30	21.20	21.23	23	0
20	16QAM	1	99	21.16	21.29	21.15	21.20		
20	16QAM	50	0	21.16	21.26	21.18	21.15		
20	16QAM	50	24	21.14	21.20	21.17	21.11	22.5	0.5
20	16QAM	50	50	21.10	21.23	21.14	21.19		
20	16QAM	100	0	21.18	21.21	21.15	21.13		
20	64QAM	1	0	21.09	21.15	21.10	21.01		
20	64QAM	1	49	20.99	21.07	20.96	21.04	22.5	0.5
20	64QAM	1	99	21.08	21.13	20.99	21.09		
20	64QAM	50	0	19.96	20.09	20.04	19.98		
20	64QAM	50	24	20.18	20.22	20.08	20.15	21.5	1.5
20	64QAM	50	50	20.15	20.20	20.15	20.14		
20	64QAM	100	0	20.08	20.15	20.10	20.10		
20	256QAM	1	0	18.13	18.25	18.16	18.11		
20	256QAM	1	49	18.14	18.23	18.11	18.13	19	4
20	256QAM	1	99	18.16	18.20	18.16	18.10		
20	256QAM	50	0	18.01	18.15	18.04	18.02		
20	256QAM	50	24	18.14	18.17	18.02	18.05	19	4
20	256QAM	50	50	18.02	18.14	17.99	18.08		
20	256QAM	100	0	18.09	18.11	18.06	17.98		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	21.15	21.40	21.29	21.27		
15	QPSK	1	37	21.14	21.29	21.28	21.10	23	0
15	QPSK	1	74	21.20	21.20	21.06	21.13		
15	QPSK	36	0	21.17	21.24	21.18	21.18		
15	QPSK	36	20	21.09	21.22	21.25	21.23	23	0
15	QPSK	36	39	21.13	21.26	21.19	21.13		
15	QPSK	75	0	21.06	21.18	21.11	21.14		
15	16QAM	1	0	21.18	21.22	21.22	21.14		
15	16QAM	1	37	21.13	21.17	21.16	21.11	23	0
15	16QAM	1	74	21.10	21.16	21.07	21.09		
15	16QAM	36	0	21.06	21.18	21.14	21.09		
15	16QAM	36	20	21.04	21.07	21.03	20.99	22.5	0.5
15	16QAM	36	39	21.05	21.19	21.10	21.15		
15	16QAM	75	0	21.10	21.10	21.11	21.02		
15	64QAM	1	0	20.95	21.04	21.04	20.93		
15	64QAM	1	37	20.89	20.93	20.88	20.98	22.5	0.5
15	64QAM	1	74	20.95	21.02	20.91	21.03		
15	64QAM	36	0	19.93	20.05	19.99	19.85		
15	64QAM	36	20	20.06	20.07	20.04	20.07	21.5	1.5
15	64QAM	36	39	20.04	20.15	20.11	20.05		
15	64QAM	75	0	20.00	20.08	19.97	20.04		
15	256QAM	1	0	18.04	18.17	18.07	18.00		
15	256QAM	1	37	18.03	18.14	18.00	18.10	19	4
15	256QAM	1	74	18.12	18.08	18.13	17.99		
15	256QAM	36	0	17.91	18.03	17.94	17.95		
15	256QAM	36	20	18.10	18.07	17.90	17.95	19	4
15	256QAM	36	39	17.99	18.04	17.94	18.04		
15	256QAM	75	0	18.02	18.02	17.94	17.92		
Channel				55290	55815	56155	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	21.23	21.37	21.33	21.21		
10	QPSK	1	25	21.13	21.35	21.28	21.11	23	0
10	QPSK	1	49	21.12	21.22	21.10	21.13		
10	QPSK	25	0	21.19	21.32	21.18	21.12		
10	QPSK	25	12	21.18	21.23	21.18	21.20	23	0
10	QPSK	25	25	21.12	21.22	21.20	21.11		
10	QPSK	50	0	21.06	21.22	21.03	21.18		
10	16QAM	1	0	21.28	21.28	21.19	21.13		
10	16QAM	1	25	21.10	21.25	21.13	21.16	23	0
10	16QAM	1	49	21.02	21.20	21.09	21.10		
10	16QAM	25	0	21.12	21.21	21.04	21.10		
10	16QAM	25	12	21.02	21.16	21.05	21.07	22.5	0.5
10	16QAM	25	25	20.96	21.12	21.05	21.14		
10	16QAM	50	0	21.14	21.08	21.11	21.05		
10	64QAM	1	0	21.03	21.06	20.98	20.97		
10	64QAM	1	25	20.96	21.04	20.84	21.01	22.5	0.5
10	64QAM	1	49	21.03	20.98	20.92	20.98		
10	64QAM	25	0	19.92	19.95	19.91	19.94		
10	64QAM	25	12	20.11	20.10	19.93	20.03	21.5	1.5
10	64QAM	25	25	20.07	20.11	20.08	20.03		
10	64QAM	50	0	19.94	20.02	20.05	20.06		
10	256QAM	1	0	18.03	18.15	18.12	18.07		
10	256QAM	1	25	18.10	18.14	18.07	18.00	19	4
10	256QAM	1	49	18.03	18.12	18.12	17.98		
10	256QAM	25	0	17.95	18.10	17.90	17.94		
10	256QAM	25	12	18.02	18.06	17.99	17.91	19	4
10	256QAM	25	25	17.94	18.08	17.90	18.00		
10	256QAM	50	0	18.03	18.07	17.98	17.92		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3553.5	3607	3643	3697.5		
5	QPSK	1	0	21.15	21.31	21.28	21.19		
5	QPSK	1	12	21.14	21.35	21.28	21.19	23	0
5	QPSK	1	24	21.11	21.31	21.15	21.10		
5	QPSK	12	0	21.15	21.29	21.19	21.10		
5	QPSK	12	7	21.20	21.25	21.22	21.19	23	0
5	QPSK	12	13	21.14	21.19	21.18	21.11		
5	QPSK	25	0	21.11	21.19	21.09	21.16		
5	16QAM	1	0	21.23	21.27	21.18	21.11		
5	16QAM	1	12	21.16	21.18	21.08	21.19	23	0
5	16QAM	1	24	21.10	21.16	21.02	21.11		
5	16QAM	12	0	21.05	21.15	21.05	21.12		
5	16QAM	12	7	21.09	21.11	21.10	21.06	22.5	0.5
5	16QAM	12	13	21.01	21.15	21.03	21.08		
5	16QAM	25	0	21.08	21.07	21.03	21.07		
5	64QAM	1	0	21.03	21.07	20.95	20.93		
5	64QAM	1	12	20.91	20.99	20.87	20.90	22.5	0.5
5	64QAM	1	24	21.04	20.99	20.85	20.97		
5	64QAM	12	0	19.83	19.97	19.97	19.85		
5	64QAM	12	7	20.15	20.17	19.99	20.06	21.5	1.5
5	64QAM	12	13	20.11	20.14	20.03	20.00		
5	64QAM	25	0	20.04	20.11	20.03	19.99		
5	256QAM	1	0	18.01	18.16	18.13	18.04		
5	256QAM	1	12	18.10	18.17	18.00	18.00	19	4
5	256QAM	1	24	18.04	18.10	18.02	18.06		
5	256QAM	12	0	17.93	18.01	17.99	17.97		
5	256QAM	12	7	18.06	18.03	17.90	17.95	19	4
5	256QAM	12	13	17.94	18.05	17.92	17.95		
5	256QAM	25	0	18.00	18.06	18.01	17.84		

GSM850 Ant1

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	31.42	31.48	31.36	32.50	22.42	22.48	22.36	23.50
GPRS 1 Tx slot	31.39	31.45	31.33	32.50	22.39	22.45	22.33	23.50
GPRS 2 Tx slots	28.27	28.39	28.32	29.50	22.27	22.39	22.32	23.50
GPRS 3 Tx slots	26.80	26.91	26.80	28.00	22.54	22.65	22.54	23.74
GPRS 4 Tx slots	25.16	25.22	25.17	26.00	22.16	22.22	22.17	23.00
EDGE 1 Tx slot	24.03	24.17	24.05	25.00	15.03	15.17	15.05	16.00
EDGE 2 Tx slots	22.29	22.41	22.34	23.50	16.29	16.41	16.34	17.50
EDGE 3 Tx slots	21.15	21.23	21.08	22.00	16.89	16.97	16.82	17.74
EDGE 4 Tx slots	18.99	19.08	18.93	20.00	15.99	16.08	15.93	17.00

GSM1900 Ant1

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	27.66	27.74	27.63	28.50	18.66	18.74	18.63	19.50
GPRS 1 Tx slot	27.52	27.67	27.57	28.50	18.52	18.67	18.57	19.50
GPRS 2 Tx slots	25.06	25.09	24.98	26.00	19.06	19.09	18.98	20.00
GPRS 3 Tx slots	23.36	23.42	23.32	24.50	19.10	19.16	19.06	20.24
GPRS 4 Tx slots	20.62	20.74	20.63	21.50	17.62	17.74	17.63	18.50
EDGE 1 Tx slot	22.78	22.86	22.72	23.50	13.78	13.86	13.72	14.50
EDGE 2 Tx slots	21.13	21.22	21.13	22.00	15.13	15.22	15.13	16.00
EDGE 3 Tx slots	19.86	19.96	19.86	21.00	15.60	15.70	15.60	16.74
EDGE 4 Tx slots	17.91	18.05	17.97	19.00	14.91	15.05	14.97	16.00

WCDMA II Ant1 / WCDMA IV Ant3 / WCDMA V Ant1

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	21.45	21.53	21.44	23.00	21.42	21.44	21.31	23.00	21.14	21.17	21.04	23.00
3GPP Rel 99	RMC 12.2Kbps	21.48	21.57	21.51	23.00	21.45	21.49	21.37	23.00	21.17	21.23	21.09	23.00
3GPP Rel 6	HSDPA Subtest-1	20.55	20.64	20.47	22.00	20.46	20.57	20.32	22.00	20.23	20.23	20.02	22.00
3GPP Rel 6	HSDPA Subtest-2	20.48	20.57	20.52	22.00	20.42	20.50	20.41	22.00	20.12	20.22	20.17	22.00
3GPP Rel 6	HSDPA Subtest-3	20.02	20.14	20.10	21.50	19.91	20.02	19.95	21.50	19.57	19.70	19.69	21.50
3GPP Rel 6	HSDPA Subtest-4	19.95	20.18	20.08	21.50	19.87	20.11	19.94	21.50	19.56	19.79	19.61	21.50
3GPP Rel 8	DC-HSDPA Subtest-1	20.50	20.70	20.45	22.00	20.46	20.63	20.35	22.00	20.21	20.32	20.01	22.00
3GPP Rel 8	DC-HSDPA Subtest-2	20.37	20.42	20.36	22.00	20.33	20.29	20.28	22.00	20.08	20.06	19.94	22.00
3GPP Rel 8	DC-HSDPA Subtest-3	19.99	19.96	19.92	21.50	19.94	19.84	19.88	21.50	19.69	19.58	19.65	21.50
3GPP Rel 8	DC-HSDPA Subtest-4	19.87	19.94	19.99	21.50	19.82	19.80	19.93	21.50	19.49	19.47	19.64	21.50
3GPP Rel 6	HSUPA Subtest-1	20.56	20.61	20.66	22.00	20.43	20.56	20.56	22.00	20.15	20.22	20.28	22.00
3GPP Rel 6	HSUPA Subtest-2	18.53	18.67	18.52	20.00	18.42	18.53	18.39	20.00	18.09	18.19	18.13	20.00
3GPP Rel 6	HSUPA Subtest-3	19.53	19.62	19.58	21.00	19.43	19.53	19.47	21.00	19.19	19.20	19.15	21.00
3GPP Rel 6	HSUPA Subtest-4	18.45	18.48	18.44	20.00	18.37	18.45	18.35	20.00	18.04	18.14	18.03	20.00
3GPP Rel 6	HSUPA Subtest-5	20.59	20.49	20.39	22.00	20.55	20.36	20.33	22.00	20.21	20.03	20.08	22.00

Band 2 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	20.90	21.09	20.98		
20	QPSK	1	49	20.75	21.04	20.88	22	0
20	QPSK	1	99	20.80	20.99	20.90		
20	QPSK	50	0	20.99	21.04	20.89		
20	QPSK	50	24	20.87	20.99	20.90	22	0
20	QPSK	50	50	20.88	20.92	20.80		
20	QPSK	100	0	20.90	20.99	20.87		
20	16QAM	1	0	20.80	20.93	20.79		
20	16QAM	1	49	20.77	20.83	20.83	22	0
20	16QAM	1	99	20.69	20.73	20.77		
20	16QAM	50	0	20.82	20.88	20.76		
20	16QAM	50	24	20.72	20.85	20.69	21.5	0.5
20	16QAM	50	50	20.72	20.79	20.66		
20	16QAM	100	0	20.76	20.85	20.77		
20	64QAM	1	0	20.71	20.80	20.71		
20	64QAM	1	49	20.67	20.76	20.72	21.5	0.5
20	64QAM	1	99	20.56	20.71	20.61		
20	64QAM	50	0	19.80	19.88	19.76		
20	64QAM	50	24	19.77	19.73	19.69	20.5	1.5
20	64QAM	50	50	19.71	19.72	19.69		
20	64QAM	100	0	19.86	19.83	19.80		
20	256QAM	1	0	17.86	17.99	17.89		
20	256QAM	1	49	17.87	17.99	17.89	18.5	3.5
20	256QAM	1	99	17.82	17.86	17.81		
20	256QAM	50	0	17.88	17.94	17.88		
20	256QAM	50	24	17.73	17.83	17.80	18.5	3.5
20	256QAM	50	50	17.75	17.81	17.69		
20	256QAM	100	0	17.81	17.87	17.74		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	20.86	21.02	20.89		
15	QPSK	1	37	20.75	20.90	20.80	22	0
15	QPSK	1	74	20.73	21.00	20.86		
15	QPSK	36	0	20.93	21.03	20.87		
15	QPSK	36	20	20.78	20.91	20.88	22	0
15	QPSK	36	39	20.90	20.73	20.86		
15	QPSK	75	0	20.82	20.95	20.77		
15	16QAM	1	0	20.75	20.91	20.81		
15	16QAM	1	37	20.76	20.73	20.84	22	0
15	16QAM	1	74	20.66	20.84	20.71		
15	16QAM	36	0	20.72	20.81	20.67		
15	16QAM	36	20	20.64	20.84	20.69	21.5	0.5
15	16QAM	36	39	20.66	20.80	20.57		
15	16QAM	75	0	20.73	20.83	20.76		
15	64QAM	1	0	20.70	20.72	20.67		
15	64QAM	1	37	20.66	20.76	20.74	21.5	0.5
15	64QAM	1	74	20.49	20.69	20.55		
15	64QAM	36	0	19.72	19.86	19.74		
15	64QAM	36	20	19.76	19.67	19.66	20.5	1.5
15	64QAM	36	39	19.71	19.63	19.61		
15	64QAM	75	0	19.86	19.82	19.78		
15	256QAM	1	0	17.80	17.90	17.88		
15	256QAM	1	37	17.84	17.91	17.86	18.5	3.5
15	256QAM	1	74	17.76	17.85	17.72		
15	256QAM	36	0	17.86	17.93	17.81		
15	256QAM	36	20	17.73	17.82	17.78	18.5	3.5
15	256QAM	36	39	17.86	17.74	17.76		
15	256QAM	75	0	17.73	17.89	17.68		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	20.89	20.95	20.79		
10	QPSK	1	25	20.70	20.95	20.82	22	0
10	QPSK	1	49	20.71	20.94	20.92		
10	QPSK	25	0	20.94	20.94	20.87		
10	QPSK	25	12	20.84	20.95	20.84	22	0
10	QPSK	25	25	20.84	20.76	20.76		
10	QPSK	50	0	20.80	20.86	20.82		
10	16QAM	1	0	20.79	20.95	20.74		
10	16QAM	1	25	20.78	20.74	20.85	22	0
10	16QAM	1	49	20.62	20.73	20.73		
10	16QAM	25	0	20.83	20.89	20.70		
10	16QAM	25	12	20.72	20.84	20.66	21.5	0.5
10	16QAM	25	25	20.68	20.80	20.64		
10	16QAM	50	0	20.73	20.75	20.77		
10	64QAM	1	0	20.64	20.75	20.71		
10	64QAM	1	25	20.64	20.76	20.64	21.5	0.5
10	64QAM	1	49	20.49	20.69	20.55		
10	64QAM	25	0	19.75	19.87	19.67		
10	64QAM	25	12	19.75	19.65	19.71	20.5	1.5
10	64QAM	25	25	19.67	19.67	19.67		
10	64QAM	50	0	19.79	19.77	19.82		
10	256QAM	1	0	17.81	17.92	17.86		
10	256QAM	1	25	17.81	17.92	17.85	18.5	3.5
10	256QAM	1	49	17.73	17.79	17.76		
10	256QAM	25	0	17.82	17.85	17.80		
10	256QAM	25	12	17.69	17.78	17.75	18.5	3.5
10	256QAM	25	25	17.75	17.78	17.70		
10	256QAM	50	0	17.82	17.78	17.68		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	20.81	21.06	20.88		
5	QPSK	1	12	20.65	20.99	20.82	22	0
5	QPSK	1	24	20.72	21.01	20.90		
5	QPSK	12	0	20.90	21.01	20.81		
5	QPSK	12	7	20.87	20.95	20.86	22	0
5	QPSK	12	13	20.86	20.84	20.73		
5	QPSK	25	0	20.87	20.94	20.79		
5	16QAM	1	0	20.78	20.90	20.76		
5	16QAM	1	12	20.73	20.74	20.73	22	0
5	16QAM	1	24	20.62	20.67	20.71		
5	16QAM	12	0	20.83	20.83	20.78		
5	16QAM	12	7	20.71	20.79	20.64	21.5	0.5
5	16QAM	12	13	20.71	20.62	20.68		
5	16QAM	25	0	20.73	20.78	20.74		
5	64QAM	1	0	20.65	20.77	20.62		
5	64QAM	1	12	20.69	20.66	20.73	21.5	0.5
5	64QAM	1	24	20.48	20.68	20.51		
5	64QAM	12	0	19.71	19.82	19.66		
5	64QAM	12	7	19.73	19.65	19.68	20.5	1.5
5	64QAM	12	13	19.73	19.72	19.60		
5	64QAM	25	0	19.80	19.79	19.79		
5	256QAM	1	0	17.76	17.97	17.81		
5	256QAM	1	12	17.79	17.96	17.85	18.5	3.5
5	256QAM	1	24	17.78	17.78	17.81		
5	256QAM	12	0	17.78	17.80	17.80		
5	256QAM	12	7	17.66	17.84	17.81	18.5	3.5
5	256QAM	12	13	17.73	17.76	17.59		
5	256QAM	25	0	17.78	17.84	17.73		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	20.91	21.00	20.91		
3	QPSK	1	8	20.76	20.94	20.81	22	0
3	QPSK	1	14	20.70	20.93	20.83		
3	QPSK	8	0	20.97	20.99	20.84		
3	QPSK	8	4	20.82	21.00	20.88	22	0
3	QPSK	8	7	20.90	20.87	20.76		
3	QPSK	15	0	20.84	20.86	20.86		
3	16QAM	1	0	20.82	20.94	20.71		
3	16QAM	1	8	20.72	20.75	20.77	22	0
3	16QAM	1	14	20.65	20.68	20.77		
3	16QAM	8	0	20.74	20.88	20.76		
3	16QAM	8	4	20.72	20.79	20.64	21.5	0.5
3	16QAM	8	7	20.66	20.81	20.60		
3	16QAM	15	0	20.78	20.80	20.70		
3	64QAM	1	0	20.71	20.74	20.63		
3	64QAM	1	8	20.61	20.74	20.65	21.5	0.5
3	64QAM	1	14	20.46	20.71	20.56		
3	64QAM	8	0	19.79	19.79	19.71		
3	64QAM	8	4	19.71	19.64	19.69	20.5	1.5
3	64QAM	8	7	19.61	19.63	19.67		
3	64QAM	15	0	19.79	19.73	19.77		
3	256QAM	1	0	17.84	17.94	17.88		
3	256QAM	1	8	17.88	17.94	17.87	18.5	3.5
3	256QAM	1	14	17.81	17.82	17.75		
3	256QAM	8	0	17.88	17.92	17.79		
3	256QAM	8	4	17.65	17.84	17.78	18.5	3.5
3	256QAM	8	7	17.70	17.81	17.71		
3	256QAM	15	0	17.80	17.78	17.75		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	20.81	21.07	20.93		
1.4	QPSK	1	3	20.66	20.93	20.79		
1.4	QPSK	1	5	20.76	20.96	20.83	22	0
1.4	QPSK	3	0	20.95	21.00	20.80		
1.4	QPSK	3	1	20.77	20.88	20.78		
1.4	QPSK	3	3	20.84	20.89	20.72		
1.4	QPSK	6	0	20.86	20.91	20.83	22	0
1.4	16QAM	1	0	20.73	20.81	20.76		
1.4	16QAM	1	3	20.73	20.71	20.75		
1.4	16QAM	1	5	20.68	20.66	20.65	22	0
1.4	16QAM	3	0	20.71	20.80	20.69		
1.4	16QAM	3	1	20.68	20.79	20.77		
1.4	16QAM	3	3	20.64	20.66	20.73		
1.4	16QAM	6	0	20.70	20.77	20.74	21.5	0.5
1.4	64QAM	1	0	20.60	20.76	20.64		
1.4	64QAM	1	3	20.60	20.77	20.58		
1.4	64QAM	1	5	20.63	20.80	20.73	21.5	0.5
1.4	64QAM	3	0	20.67	20.77	20.65		
1.4	64QAM	3	1	20.64	20.67	20.64		
1.4	64QAM	3	3	20.50	20.64	20.51		
1.4	64QAM	6	0	19.76	19.84	19.68	20.5	1.5
1.4	256QAM	1	0	17.76	17.92	17.76		
1.4	256QAM	1	3	17.76	17.95	17.77		
1.4	256QAM	1	5	17.69	17.74	17.80	18.5	3.5
1.4	256QAM	3	0	17.76	17.90	17.83		
1.4	256QAM	3	1	17.67	17.76	17.71		
1.4	256QAM	3	3	17.65	17.74	17.62		
1.4	256QAM	6	0	17.75	17.75	17.64	18.5	3.5

Band 4 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	20.93	21.08	20.89		
20	QPSK	1	49	20.80	20.94	20.80	22	0
20	QPSK	1	99	20.77	20.91	20.78		
20	QPSK	50	0	20.75	20.91	20.83		
20	QPSK	50	24	20.72	20.81	20.79	22	0
20	QPSK	50	50	20.74	20.78	20.77		
20	QPSK	100	0	20.78	20.85	20.83		
20	16QAM	1	0	20.87	20.92	20.80		
20	16QAM	1	49	20.78	20.85	20.75	22	0
20	16QAM	1	99	20.67	20.83	20.68		
20	16QAM	50	0	20.74	20.81	20.66		
20	16QAM	50	24	20.68	20.74	20.66	21.5	0.5
20	16QAM	50	50	20.62	20.70	20.62		
20	16QAM	100	0	20.63	20.78	20.69		
20	64QAM	1	0	20.78	20.85	20.75		
20	64QAM	1	49	20.74	20.80	20.74	21.5	0.5
20	64QAM	1	99	20.59	20.70	20.72		
20	64QAM	50	0	19.74	19.90	19.79		
20	64QAM	50	24	19.70	19.83	19.71	20.5	1.5
20	64QAM	50	50	19.64	19.78	19.66		
20	64QAM	100	0	19.68	19.74	19.75		
20	256QAM	1	0	17.99	18.06	18.01		
20	256QAM	1	49	17.92	18.06	17.88	18.5	3.5
20	256QAM	1	99	17.89	17.94	17.86		
20	256QAM	50	0	17.65	17.82	17.71		
20	256QAM	50	24	17.66	17.77	17.71	18.5	3.5
20	256QAM	50	50	17.57	17.72	17.68		
20	256QAM	100	0	17.65	17.77	17.70		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	20.86	21.02	20.78		
15	QPSK	1	37	20.70	20.85	20.76	22	0
15	QPSK	1	74	20.66	20.86	20.73		
15	QPSK	36	0	20.63	20.85	20.74		
15	QPSK	36	20	20.62	20.76	20.67	22	0
15	QPSK	36	39	20.60	20.73	20.69		
15	QPSK	75	0	20.69	20.75	20.76		
15	16QAM	1	0	20.80	20.78	20.76		
15	16QAM	1	37	20.67	20.78	20.62	22	0
15	16QAM	1	74	20.62	20.80	20.58		
15	16QAM	36	0	20.67	20.75	20.56		
15	16QAM	36	20	20.58	20.69	20.63	21.5	0.5
15	16QAM	36	39	20.50	20.64	20.50		
15	16QAM	75	0	20.56	20.73	20.59		
15	64QAM	1	0	20.68	20.76	20.63		
15	64QAM	1	37	20.66	20.69	20.68	21.5	0.5
15	64QAM	1	74	20.48	20.62	20.64		
15	64QAM	36	0	19.70	19.76	19.74		
15	64QAM	36	20	19.63	19.66	19.56	20.5	1.5
15	64QAM	36	39	19.55	19.66	19.51		
15	64QAM	75	0	19.65	19.67	19.63		
15	256QAM	1	0	17.86	17.92	17.89		
15	256QAM	1	37	17.78	18.01	17.84	18.5	3.5
15	256QAM	1	74	17.78	17.81	17.73		
15	256QAM	36	0	17.57	17.74	17.59		
15	256QAM	36	20	17.62	17.65	17.65	18.5	3.5
15	256QAM	36	39	17.42	17.65	17.54		
15	256QAM	75	0	17.56	17.64	17.58		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	20.85	20.96	20.79		
10	QPSK	1	25	20.75	20.84	20.74	22	0
10	QPSK	1	49	20.66	20.77	20.68		
10	QPSK	25	0	20.66	20.83	20.73		
10	QPSK	25	12	20.64	20.69	20.72	22	0
10	QPSK	25	25	20.64	20.67	20.76		
10	QPSK	50	0	20.69	20.81	20.76		
10	16QAM	1	0	20.77	20.85	20.68		
10	16QAM	1	25	20.71	20.71	20.71	22	0
10	16QAM	1	49	20.59	20.73	20.56		
10	16QAM	25	0	20.62	20.67	20.57		
10	16QAM	25	12	20.59	20.60	20.52	21.5	0.5
10	16QAM	25	25	20.58	20.64	20.48		
10	16QAM	50	0	20.49	20.59	20.56		
10	64QAM	1	0	20.66	20.71	20.67		
10	64QAM	1	25	20.70	20.71	20.63	21.5	0.5
10	64QAM	1	49	20.55	20.62	20.61		
10	64QAM	25	0	19.63	19.76	19.72		
10	64QAM	25	12	19.58	19.69	19.64	20.5	1.5
10	64QAM	25	25	19.58	19.69	19.60		
10	64QAM	50	0	19.56	19.67	19.62		
10	256QAM	1	0	17.90	17.97	17.89		
10	256QAM	1	25	17.83	17.95	17.82	18.5	3.5
10	256QAM	1	49	17.83	17.82	17.75		
10	256QAM	25	0	17.54	17.70	17.60		
10	256QAM	25	12	17.52	17.63	17.61	18.5	3.5
10	256QAM	25	25	17.51	17.67	17.64		
10	256QAM	50	0	17.52	17.68	17.55		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	20.80	20.94	20.78		
5	QPSK	1	12	20.73	20.90	20.68	22	0
5	QPSK	1	24	20.68	20.87	20.70		
5	QPSK	12	0	20.70	20.84	20.69		
5	QPSK	12	7	20.65	20.76	20.67	22	0
5	QPSK	12	13	20.67	20.71	20.72		
5	QPSK	25	0	20.66	20.73	20.79		
5	16QAM	1	0	20.75	20.87	20.76		
5	16QAM	1	12	20.74	20.77	20.68	22	0
5	16QAM	1	24	20.57	20.75	20.63		
5	16QAM	12	0	20.67	20.66	20.60		
5	16QAM	12	7	20.59	20.68	20.55	21.5	0.5
5	16QAM	12	13	20.59	20.63	20.55		
5	16QAM	25	0	20.55	20.63	20.55		
5	64QAM	1	0	20.75	20.75	20.60		
5	64QAM	1	12	20.65	20.73	20.64	21.5	0.5
5	64QAM	1	24	20.51	20.68	20.51		
5	64QAM	12	0	19.67	19.79	19.66		
5	64QAM	12	7	19.55	19.71	19.57	20.5	1.5
5	64QAM	12	13	19.56	19.70	19.56		
5	64QAM	25	0	19.63	19.76	19.68		
5	256QAM	1	0	17.94	18.00	17.89		
5	256QAM	1	12	17.86	17.98	17.85	18.5	3.5
5	256QAM	1	24	17.78	17.91	17.74		
5	256QAM	12	0	17.81	17.91	17.83		
5	256QAM	12	7	17.55	17.70	17.65	18.5	3.5
5	256QAM	12	13	17.47	17.64	17.64		
5	256QAM	25	0	17.57	17.69	17.65		
Channel				19925	20175	20425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	20.79	21.04	20.79		
3	QPSK	1	8	20.69	20.80	20.71	22	0
3	QPSK	1	14	20.72	20.81	20.71		
3	QPSK	8	0	20.64	20.88	20.77		
3	QPSK	8	4	20.68	20.76	20.64	22	0
3	QPSK	8	7	20.61	20.64	20.71		
3	QPSK	15	0	20.73	20.73	20.69		
3	16QAM	1	0	20.73	20.81	20.70		
3	16QAM	1	8	20.64	20.72	20.66	22	0
3	16QAM	1	14	20.53	20.73	20.54		
3	16QAM	8	0	20.61	20.71	20.62		
3	16QAM	8	4	20.59	20.69	20.58	21.5	0.5
3	16QAM	8	7	20.47	20.63	20.48		
3	16QAM	15	0	20.52	20.72	20.61		
3	64QAM	1	0	20.75	20.70	20.64		
3	64QAM	1	8	20.64	20.76	20.62	21.5	0.5
3	64QAM	1	14	20.55	20.57	20.62		
3	64QAM	8	0	19.59	19.79	19.67		
3	64QAM	8	4	19.58	19.68	19.59	20.5	1.5
3	64QAM	8	7	19.59	19.71	19.57		
3	64QAM	15	0	19.55	19.61	19.71		
3	256QAM	1	0	17.88	18.00	17.86		
3	256QAM	1	8	17.89	18.02	17.78	18.5	3.5
3	256QAM	1	14	17.75	17.87	17.83		
3	256QAM	8	0	17.51	17.71	17.56		
3	256QAM	8	4	17.55	17.62	17.62	18.5	3.5
3	256QAM	8	7	17.48	17.60	17.57		
3	256QAM	15	0	17.55	17.71	17.62		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	20.80	20.99	20.81		
1.4	QPSK	1	3	20.69	20.86	20.69		
1.4	QPSK	1	5	20.68	20.79	20.74	22	0
1.4	QPSK	3	0	20.67	20.78	20.78		
1.4	QPSK	3	1	20.66	20.70	20.69		
1.4	QPSK	3	3	20.70	20.69	20.74		
1.4	QPSK	6	0	20.71	20.77	20.76	22	0
1.4	16QAM	1	0	20.78	20.79	20.72		
1.4	16QAM	1	3	20.74	20.81	20.64		
1.4	16QAM	1	5	20.61	20.87	20.74	22	0
1.4	16QAM	3	0	20.61	20.78	20.73		
1.4	16QAM	3	1	20.69	20.67	20.74		
1.4	16QAM	3	3	20.72	20.73	20.74		
1.4	16QAM	6	0	20.62	20.74	20.57	21.5	0.5
1.4	64QAM	1	0	20.55	20.60	20.58		
1.4	64QAM	1	3	20.47	20.63	20.57		
1.4	64QAM	1	5	20.59	20.73	20.61	21.5	0.5
1.4	64QAM	3	0	20.71	20.74	20.70		
1.4	64QAM	3	1	20.68	20.65	20.66		
1.4	64QAM	3	3	20.46	20.62	20.61		
1.4	64QAM	6	0	19.69	19.86	19.74	20.5	1.5
1.4	256QAM	1	0	17.87	17.95	17.96		
1.4	256QAM	1	3	17.86	17.94	17.75		
1.4	256QAM	1	5	17.76	17.90	17.71	18.5	3.5
1.4	256QAM	3	0	17.53	17.72	17.58		
1.4	256QAM	3	1	17.53	17.68	17.65		
1.4	256QAM	3	3	17.45	17.67	17.62		
1.4	256QAM	6	0	17.57	17.74	17.60	18.5	3.5

Band 5 Ant1

BW [MHz]	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	21.22	21.31	21.26		
10	QPSK	1	25	21.16	21.28	21.20	22	0
10	QPSK	1	49	21.09	21.16	21.12		
10	QPSK	25	0	21.13	21.25	21.19		
10	QPSK	25	12	21.12	21.16	21.11	22	0
10	QPSK	25	25	20.99	21.09	21.03		
10	QPSK	50	0	21.03	21.18	21.11		
10	16QAM	1	0	21.05	21.16	21.06		
10	16QAM	1	25	21.04	21.03

Band 12 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	21.61	21.73	21.68	23	0
10	QPSK	1	25	21.43	21.61	21.52		
10	QPSK	1	49	21.47	21.59	21.52		
10	QPSK	25	0	21.60	21.70	21.55	23	0
10	QPSK	25	12	21.55	21.63	21.53		
10	QPSK	25	25	21.46	21.48	21.46		
10	QPSK	50	0	21.51	21.57	21.45		
10	16QAM	1	0	21.55	21.63	21.51	23	0
10	16QAM	1	25	21.40	21.48	21.36		
10	16QAM	1	49	21.35	21.48	21.44		
10	16QAM	25	0	21.39	21.59	21.49	22.5	0.5
10	16QAM	25	12	21.34	21.46	21.40		
10	16QAM	25	25	21.38	21.39	21.41		
10	16QAM	50	0	21.33	21.54	21.40		
10	64QAM	1	0	21.34	21.50	21.36	22.5	0.5
10	64QAM	1	25	21.26	21.32	21.33		
10	64QAM	1	49	21.24	21.36	21.28		
10	64QAM	25	0	20.40	20.53	20.43	21.5	1.5
10	64QAM	25	12	20.37	20.43	20.31		
10	64QAM	25	25	20.28	20.34	20.33		
10	64QAM	50	0	20.25	20.37	20.31		
10	256QAM	1	0	18.44	18.62	18.48	19.5	3.5
10	256QAM	1	25	18.42	18.62	18.49		
10	256QAM	1	49	18.41	18.37	18.33		
10	256QAM	25	0	18.35	18.53	18.42	19.5	3.5
10	256QAM	25	12	18.26	18.37	18.36		
10	256QAM	25	25	18.24	18.32	18.32		
10	256QAM	50	0	18.33	18.45	18.30		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	21.56	21.63	21.54	23	0
5	QPSK	1	12	21.37	21.56	21.43		
5	QPSK	1	24	21.33	21.44	21.40		
5	QPSK	12	0	21.51	21.58	21.44	23	0
5	QPSK	12	7	21.49	21.58	21.39		
5	QPSK	12	13	21.34	21.39	21.41		
5	QPSK	25	0	21.40	21.46	21.33		
5	16QAM	1	0	21.48	21.51	21.40	23	0
5	16QAM	1	12	21.30	21.37	21.23		
5	16QAM	1	24	21.22	21.37	21.31		
5	16QAM	12	0	21.31	21.46	21.41	22.5	0.5
5	16QAM	12	7	21.23	21.39	21.27		
5	16QAM	12	13	21.27	21.32	21.38		
5	16QAM	25	0	21.26	21.43	21.34		
5	64QAM	1	0	21.20	21.36	21.22	22.5	0.5
5	64QAM	1	12	21.12	21.17	21.27		
5	64QAM	1	24	21.13	21.26	21.20		
5	64QAM	12	0	20.31	20.41	20.30	21.5	1.5
5	64QAM	12	7	20.33	20.34	20.19		
5	64QAM	12	13	20.17	20.20	20.18		
5	64QAM	25	0	20.15	20.22	20.24		
5	256QAM	1	0	18.36	18.53	18.35	19.5	3.5
5	256QAM	1	12	18.31	18.50	18.45		
5	256QAM	1	24	18.28	18.31	18.25		
5	256QAM	12	0	18.30	18.45	18.31	19.5	3.5
5	256QAM	12	7	18.17	18.24	18.23		
5	256QAM	12	13	18.20	18.23	18.20		
5	256QAM	25	0	18.30	18.42	18.17		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	21.46	21.66	21.63	23	0
3	QPSK	1	8	21.32	21.54	21.37		
3	QPSK	1	14	21.42	21.43	21.38		
3	QPSK	8	0	21.55	21.59	21.43	23	0
3	QPSK	8	4	21.48	21.52	21.39		
3	QPSK	8	7	21.32	21.40	21.38		
3	QPSK	15	0	21.37	21.53	21.37		
3	16QAM	1	0	21.47	21.57	21.37	23	0
3	16QAM	1	8	21.30	21.41	21.33		
3	16QAM	1	14	21.22	21.42	21.30		
3	16QAM	8	0	21.26	21.49	21.41	22.5	0.5
3	16QAM	8	4	21.21	21.38	21.30		
3	16QAM	8	7	21.28	21.32	21.27		
3	16QAM	15	0	21.22	21.47	21.36		
3	64QAM	1	0	21.20	21.40	21.29	22.5	0.5
3	64QAM	1	8	21.12	21.29	21.19		
3	64QAM	1	14	21.12	21.23	21.18		
3	64QAM	8	0	20.37	20.43	20.39	21.5	1.5
3	64QAM	8	4	20.23	20.28	20.25		
3	64QAM	8	7	20.16	20.19	20.27		
3	64QAM	15	0	20.19	20.25	20.22		
3	256QAM	1	0	18.30	18.47	18.36	19.5	3.5
3	256QAM	1	8	18.27	18.49	18.43		
3	256QAM	1	14	18.28	18.33	18.28		
3	256QAM	8	0	18.28	18.40	18.31	19.5	3.5
3	256QAM	8	4	18.18	18.26	18.30		
3	256QAM	8	7	18.20	18.19	18.29		
3	256QAM	15	0	18.23	18.36	18.17		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	21.46	21.69	21.55	23	0
1.4	QPSK	1	3	21.35	21.50	21.49		
1.4	QPSK	1	5	21.40	21.44	21.45		
1.4	QPSK	3	0	21.57	21.57	21.40		
1.4	QPSK	3	1	21.48	21.59	21.39		
1.4	QPSK	3	3	21.35	21.33	21.35		
1.4	QPSK	6	0	21.39	21.50	21.30	23	0
1.4	16QAM	1	0	21.50	21.56	21.39	23	0
1.4	16QAM	1	3	21.34	21.40	21.33		
1.4	16QAM	1	5	21.26	21.42	21.40		
1.4	16QAM	3	0	21.28	21.46	21.39		
1.4	16QAM	3	1	21.26	21.44	21.28		
1.4	16QAM	3	3	21.23	21.37	21.35		
1.4	16QAM	6	0	21.21	21.48	21.34	22.5	0.5
1.4	64QAM	1	0	21.28	21.41	21.27	22.5	0.5
1.4	64QAM	1	3	21.13	21.21	21.19		
1.4	64QAM	1	5	21.19	21.28	21.18		
1.4	64QAM	3	0	21.23	21.36	21.32		
1.4	64QAM	3	1	21.23	21.23	21.20		
1.4	64QAM	3	3	21.10	21.22	21.17		
1.4	64QAM	6	0	20.35	20.41	20.29	21.5	1.5
1.4	256QAM	1	0	18.37	18.49	18.44	19.5	3.5
1.4	256QAM	1	3	18.33	18.55	18.44		
1.4	256QAM	1	5	18.29	18.28	18.24		
1.4	256QAM	3	0	18.27	18.39	18.30		
1.4	256QAM	3	1	18.14	18.30	18.24		
1.4	256QAM	3	3	18.15	18.24	18.22		
1.4	256QAM	6	0	18.27	18.30	18.19	19.5	3.5

Band 13 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		21.67		23	0
10	QPSK	1	25		21.48			
10	QPSK	1	49		21.50			
10	QPSK	25	0		21.63		23	0
10	QPSK	25	12		21.50			
10	QPSK	25	25		21.39			
10	QPSK	50	0		21.56			
10	16QAM	1	0		21.50		23	0
10	16QAM	1	25		21.45			
10	16QAM	1	49		21.45			
10	16QAM	25	0		21.47		22.5	0.5
10	16QAM	25	12		21.42			
10	16QAM	25	25		21.40			
10	16QAM	50	0		21.36			
10	64QAM	1	0		21.19		22.5	0.5
10	64QAM	1	25		21.04			
10	64QAM	1	49		21.02			
10	64QAM	25	0		20.21		21.5	1.5
10	64QAM	25	12		20.12			
10	64QAM	25	25		20.14			
10	64QAM	50	0		19.82			
10	256QAM	1	0		18.18		19.5	3.5
10	256QAM	1	25		18.12			
10	256QAM	1	49		17.99			
10	256QAM	25	0		18.14		19.5	3.5
10	256QAM	25	12		17.97			
10	256QAM	25	25		18.01			
10	256QAM	50	0		18.12			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	21.53	21.62	21.58	23	0
5	QPSK	1	12	21.42	21.44	21.34		
5	QPSK	1	24	21.42	21.38	21.46		
5	QPSK	12	0	21.54	21.57	21.49	23	0
5	QPSK	12	7	21.46	21.45	21.36		
5	QPSK	12	13	21.32	21.32	21.35		
5	QPSK	25	0	21.45	21.46	21.45		
5	16QAM	1	0	21.47	21.37	21.38	23	0
5	16QAM	1	12	21.32	21.31	21.30		
5	16QAM	1	24	21.36	21.37	21.42		
5	16QAM	12	0	21.33	21.33	21.42	22.5	0.5
5	16QAM	12	7	21.35	21.36	21.38		
5	16QAM	12	13	21.28	21.27	21.28		
5	16QAM	25	0	21.26	21.32	21.32		
5	64QAM	1	0	21.08	21.14	21.14	22.5	0.5
5	64QAM	1	12	20.96	20.94	20.97		
5	64QAM	1	24	20.94	20.91	20.95		
5	64QAM	12	0	20.14	20.13	20.18	21.5	1.5
5	64QAM	12	7	20.06	20.06	20.05		
5	64QAM	12	13	20.04	20.01	20.07		
5	64QAM	25	0	19.77	19.71	19.77		
5	256QAM	1	0	18.11	18.15	18.08	19.5	3.5
5	256QAM	1	12	18.07	18.07	18.01		
5	256QAM	1	24	17.94	17.94	17.85		
5	256QAM	12	0	18.08	18.10	18.10	19.5	3.5
5	256QAM	12	7	17.83	17.93	17.85		
5	256QAM	12	13	17.97	17.92	17.96		
5	256QAM	25	0	18.04	18.07	17.97		

Band 14 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23330			
Frequency (MHz)					793			
10	QPSK	1	0		21.72		23	0
10	QPSK	1	25		21.53			
10	QPSK	1	49		21.54			
10	QPSK	25	0		21.68		23	0
10	QPSK	25	12		21.52			
10	QPSK	25	25		21.49			
10	QPSK	50	0		21.60			
10	16QAM	1	0		21.57		23	0
10	16QAM	1	25		21.39			
10	16QAM	1	49		21.37			
10	16QAM	25	0		21.52		22.5	0.5
10	16QAM	25	12		21.43			
10	16QAM	25	25		21.37			
10	16QAM	50	0		21.46			
10	64QAM	1	0		21.13		22.5	0.5
10	64QAM	1	25		21.05			
10	64QAM	1	49		20.93			
10	64QAM	25	0		20.16		21.5	1.5
10	64QAM	25	12		19.96			
10	64QAM	25	25		19.99			
10	64QAM	50	0		20.08			
10	256QAM	1	0		18.43		19.5	3.5
10	256QAM	1	25		18.43			
10	256QAM	1	49		18.29			
10	256QAM	25	0		18.42		19.5	3.5
10	256QAM	25	12		18.23			
10	256QAM	25	25		18.24			
10	256QAM	50	0		18.45			
Channel				23305	23330	23355	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	0	21.56	21.60	21.43	23	0
5	QPSK	1	12	21.52	21.57	21.25		
5	QPSK	1	24	21.48	21.48	21.25		
5	QPSK	12	0	21.45	21.59	21.37	23	0
5	QPSK	12	7	21.32	21.42	21.35		
5	QPSK	12	13	21.35	21.40	21.35		
5	QPSK	25	0	21.38	21.57	21.38		
5	16QAM	1	0	21.29	21.46	21.40	23	0
5	16QAM	1	12	21.32	21.35	21.31		
5	16QAM	1	24	21.26	21.23	21.25		
5	16QAM	12	0	21.36	21.46	21.29	22.5	0.5
5	16QAM	12	7	21.24	21.34	21.27		
5	16QAM	12	13	21.16	21.23	21.34		
5	16QAM	25	0	21.19	21.38	21.30		
5	64QAM	1	0	20.92	21.01	20.91	22.5	0.5
5	64QAM	1	12	20.80	20.81	20.91		
5	64QAM	1	24	20.75	20.92	20.85		
5	64QAM	12	0	19.90	20.10	19.88	21.5	1.5
5	64QAM	12	7	19.81	19.89	19.82		
5	64QAM	12	13	19.87	19.97	19.88		
5	64QAM	25	0	19.98	20.01	19.98		
5	256QAM	1	0	18.12	18.39	18.17	19.5	3.5
5	256QAM	1	12	18.14	18.40	18.06		
5	256QAM	1	24	18.11	18.13	18.16		
5	256QAM	12	0	18.11	18.33	18.11	19.5	3.5
5	256QAM	12	7	18.11	18.15	18.03		
5	256QAM	12	13	18.05	18.20	18.09		
5	256QAM	25	0	18.24	18.35	18.15		

Band 17 Ant1

BW [MHz]	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	21.61	21.66	21.56	23	0
10	QPSK	1	25	21.42	21.49	21.38		
10	QPSK	1	49	21.46	21.48	21.42		
10	QPSK	25	0	21.32	21.58	21.41	23	0
10	QPSK	25	12	21.33	21.35	21.27		
10	QPSK	25	25	21.32	21.31	21.29		
10	QPSK	50	0	21.48	21.52	21.47		
10	16QAM	1	0	21.31	21.51	21.40	23	0
10	16QAM	1	25	21.25	21.35	21.34		
10	16QAM	1	49	21.24	21.37	21.33		
10	16QAM	25	0	21.24	21.41	21.32	22.5	0.5
10	16QAM	25	12	21.17	21.23	21.10		
10	16QAM	25	25	21.20	21.27	21.18		
10	16QAM	50	0	21.22	21.36	21.30		
10	64QAM	1	0	21.12	21.34	21.27	22.5	0.5
10	64QAM	1	25	21.08	21.22	21.10		
10	64QAM	1	49	21.03	21.20	21.09		
10	64QAM	25	0	20.28	20.39	20.23	21.5	1.5
10	64QAM	25	12	20.15	20.25	20.16		
10	64QAM	25	25	20.19	20.23	20.14		
10	64QAM	50	0	20.28	20.27	20.21		
10	256QAM	1	0	18.28	18.41	18.31	19.5	3.5
10	256QAM	1	25	18.19	18.41	18.27		
10	256QAM	1	49	18.13	18.19	18.21		
10	256QAM	25	0	18.08	18.26	18.10	19.5	3.5
10	256QAM	25	12	18.10	18.08	18.09		
10	256QAM	25	25	18.05	18.08	17.97		
10	256QAM	50	0	18.21	18.34	18.26		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	21.47	21.58	21.41	23	0
5	QPSK	1	12	21.38	21.37	21.31		
5	QPSK	1	24	21.42	21.43	21.33		
5	QPSK	12	0	21.23	21.47	21.27	23	0
5	QPSK	12	7	21.24	21.23	21.14		
5	QPSK	12	13	21.22	21.23	21.26		
5	QPSK	25	0	21.41	21.46	21.39		
5	16QAM	1	0	21.18	21.39	21.27	23	0
5	16QAM	1	12	21.13	21.28	21.26		
5	16QAM	1	24	21.21	21.22	21.22		
5	16QAM	12	0	21.21	21.30	21.23	22.5	0.5
5	16QAM	12	7	21.10	21.13	21.03		
5	16QAM	12	13	21.11	21.23	21.13		
5	16QAM	25	0	21.16	21.25	21.21		
5	64QAM	1	0	21.05	21.29	21.21	22.5	0.5
5	64QAM	1	12	21.02	21.18	20.95		
5	64QAM	1	24	20.96	21.16	21.03		
5	64QAM	12	0	20.19	20.35	20.19	21.5	1.5
5	64QAM	12	7	20.05	20.19	20.04		
5	64QAM	12	13	20.06	20.12	20.05		
5	64QAM	25	0	20.19	20.22	20.11		
5	256QAM	1	0	18.22	18.31	18.24	19.5	3.5
5	256QAM	1	12	18.06	18.34	18.14		
5	256QAM	1	24	18.00	18.10	18.07		
5	256QAM	12	0	18.02	18.12	18.07	19.5	3.5
5	256QAM	12	7	18.03	18.02	18.00		
5	256QAM	12	13	17.99	18.01	17.82		
5	256QAM	25	0	18.11	18.24	18.12		

Band 25 Ant1

BW [MHz]	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	21.00	21.11	21.06	22	0
20	QPSK	1	49	20.84	20.97	20.93		
20	QPSK	1	99	20.83	20.92	20.87		
20	QPSK	50	0	20.92	21.06	20.96	22	0
20	QPSK	50	24	20.84	20.89	20.85		
20	QPSK	50	50	20.76	20.87	20.80		
20	QPSK	100	0	20.89	21.02	20.94		
20	16QAM	1	0	20.87	21.06	20.93	22	0
20	16QAM	1	49	20.83	20.89	20.89		
20	16QAM	1	99	20.78	20.85	20.80		
20	16QAM	50	0	20.84	21.00	20.84	22	0
20	16QAM	50	24	20.77	20.90	20.81		
20	16QAM	50	50	20.74	20.79	20.75		
20	16QAM	100	0	20.82	20.94	20.76		
20	64QAM	1	0	20.88	21.09	20.97	22	0
20	64QAM	1	49	20.92	20.97	20.89		
20	64QAM	1	99	20.88	20.89	20.80		
20	64QAM	50	0	20.89	21.01	20.89	22	0
20	64QAM	50	24	20.81	20.89	20.84		
20	64QAM	50	50	20.70	20.78	20.74		
20	64QAM	100	0	20.86	20.95	20.92		
20	256QAM	1	0	17.90	18.07	17.89	19	3
20	256QAM	1	49	17.92	18.07	17.88		
20	256QAM	1	99	17.77	17.84	17.77		
20	256QAM	50	0	17.86	17.99	17.88	19	3
20	256QAM	50	24	17.80	17.85	17.84		
20	256QAM	50	50	17.71	17.82	17.78		
20	256QAM	100	0	17.92	18.08	17.89		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	20.89	21.07	20.96	22	0
15	QPSK	1	37	20.75	20.91	20.79		
15	QPSK	1	74	20.75	20.84	20.75		
15	QPSK	36	0	20.83	20.94	20.91	22	0
15	QPSK	36	20	20.80	20.77	20.77		
15	QPSK	36	39	20.62	20.75	20.74		
15	QPSK	75	0	20.82	20.98	20.88		
15	16QAM	1	0	20.80	20.98	20.88	22	0
15	16QAM	1	37	20.77	20.83	20.79		
15	16QAM	1	74	20.66	20.77	20.66		
15	16QAM	36	0	20.71	20.96	20.71	22	0
15	16QAM	36	20	20.71	20.86	20.74		
15	16QAM	36	39	20.69	20.74	20.64		
15	16QAM	75	0	20.78	20.81	20.61		
15	64QAM	1	0	20.83	21.06	20.86	22	0
15	64QAM	1	37	20.89	20.85	20.77		
15	64QAM	1	74	20.74	20.85	20.70		
15	64QAM	36	0	20.76	20.96	20.75	22	0
15	64QAM	36	20	20.76	20.80	20.70		
15	64QAM	36	39	20.62	20.63	20.60		
15	64QAM	75	0	20.77	20.81	20.88		
15	256QAM	1	0	17.80	18.02	17.78	19	3
15	256QAM	1	37	17.88	18.03	17.78		
15	256QAM	1	74	17.63	17.71	17.73		
15	256QAM	36	0	17.80	17.91	17.85	19	3
15	256QAM	36	20	17.69	17.78	17.77		
15	256QAM	36	39	17.66	17.78	17.67		
15	256QAM	75	0	17.79	17.97	17.80		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	20.86	21.02	21.02	22	0
10	QPSK	1	25	20.78	20.93	20.89		
10	QPSK	1	49	20.78	20.80	20.73		
10	QPSK	25	0	20.81	21.02	20.85	22	0
10	QPSK	25	12	20.77	20.77	20.76		
10	QPSK	25	25	20.63	20.78	20.73		
10	QPSK	50	0	20.79	20.89	20.80		
10	16QAM	1	0	20.80	20.97	20.82	22	0
10	16QAM	1	25	20.74	20.76	20.79		
10	16QAM	1	49	20.75	20.71	20.75		
10	16QAM	25	0	20.77	20.91	20.75	22	0
10	16QAM	25	12	20.68	20.85	20.74		
10	16QAM	25	25	20.67	20.64	20.62		
10	16QAM	50	0	20.76	20.81	20.65		
10	64QAM	1	0	20.80	21.00	20.93	22	0
10	64QAM	1	25	20.77	20.85	20.77		
10	64QAM	1	49	20.84	20.80	20.68		
10	64QAM	25	0	20.79	20.88	20.74	22	0
10	64QAM	25	12	20.68	20.86	20.77		
10	64QAM	25	25	20.65	20.66	20.62		
10	64QAM	50	0	20.71	20.91	20.81		
10	256QAM	1	0	17.87	18.03	17.77	19	3
10	256QAM	1	25	17.88	17.99	17.74		
10	256QAM	1	49	17.71	17.75	17.62		
10	256QAM	25	0	17.80	17.85	17.82	19	3
10	256QAM	25	12	17.74	17.71	17.77		
10	256QAM	25	25	17.64	17.74	17.74		
10	256QAM	50	0	17.82	17.96	17.79		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	20.94	21.00	21.01	22	0
5	QPSK	1	12	20.80	20.84	20.89		
5	QPSK	1	24	20.69	20.81	20.80		
5	QPSK	12	0	20.78	20.96	20.82	22	0
5	QPSK	12	7	20.73	20.83	20.74		
5	QPSK	12	13	20.64	20.80	20.74		
5	QPSK	25	0	20.81	20.92	20.90		
5	16QAM	1	0	20.73	20.92	20.82	22	0
5	16QAM	1	12	20.73	20.81	20.75		
5	16QAM	1	24	20.68	20.71	20.76		
5	16QAM	12	0	20.77	20.90	20.69	22	0
5	16QAM	12	7	20.72	20.78	20.72		
5	16QAM	12	13	20.64	20.74	20.67		
5	16QAM	25	0	20.69	20.84	20.63		
5	64QAM	1	0	20.85	21.04	20.91	22	0
5	64QAM	1	12	20.85	20.88	20.81		
5	64QAM	1	24	20.77	20.79	20.69		
5	64QAM	12	0	20.75	20.92	20.84	22	0
5	64QAM	12	7	20.77	20.74	20.70		
5	64QAM	12	13	20.59	20.68	20.63		
5	64QAM	25	0	20.74	20.84	20.86		
5	256QAM	1	0	17.77	18.03	17.77	19	3
5	256QAM	1	12	17.81	18.02	17.74		
5	256QAM	1	24	17.73	17.70	17.69		
5	256QAM	12	0	17.76	17.87	17.75	19	3
5	256QAM	12	7	17.70	17.71	17.74		
5	256QAM	12	13	17.62	17.70	17.74		
5	256QAM	25	0	17.83	18.04	17.83		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	20.96	20.99	20.98	22	0
3	QPSK	1	8	20.75	20.93	20.87		
3	QPSK	1	14	20.71	20.87	20.79		
3	QPSK	8	0	20.81	21.02	20.91	22	0
3	QPSK	8	4	20.73	20.83	20.70		
3	QPSK	8	7	20.69	20.79	20.71		
3	QPSK	15	0	20.81	20.94	20.83		
3	16QAM	1	0	20.81	20.99	20.86	22	0
3	16QAM	1	8	20.78	20.84	20.85		
3	16QAM	1	14	20.65	20.79	20.72		
3	16QAM	8	0	20.76	20.86	20.79	22	0
3	16QAM	8	4	20.67	20.84	20.72		
3	16QAM	8	7	20.60	20.69	20.61		
3	16QAM	15	0	20.74	20.88	20.63		
3	64QAM	1	0	20.84	21.00	20.87	22	0
3	64QAM	1	8	20.86	20.93	20.76		
3	64QAM	1	14	20.81	20.75	20.69		
3	64QAM	8	0	20.75	20.88	20.79	22	0
3	64QAM	8	4	20.71	20.78	20.73		
3	64QAM	8	7	20.64	20.63	20.67		
3	64QAM	15	0	20.81	20.88	20.77		
3	256QAM	1	0	17.85	17.96	17.85	19	3
3	256QAM	1	8	17.81	17.96	17.83		
3	256QAM	1	14	17.71	17.69	17.63		
3	256QAM	8	0	17.78	17.93	17.83	19	3
3	256QAM	8	4	17.74	17.73	17.76		
3	256QAM	8	7	17.65	17.73	17.65		
3	256QAM	15	0	17.82	17.93	17.83		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	20.91	21.00	21.02	22	0
1.4	QPSK	1	3	20.80	20.85	20.80		
1.4	QPSK	1	5	20.69	20.88	20.73		
1.4	QPSK	3	0	20.86	20.93	20.88		
1.4	QPSK	3	1	20.70	20.76	20.71		
1.4	QPSK	3	3	20.69	20.78	20.72		
1.4	QPSK	6	0	20.78	20.92	20.90	22	0
1.4	16QAM	1	0	20.78	21.01	20.87	22	0
1.4	16QAM	1	3	20.71	20.81	20.84		
1.4	16QAM	1	5	20.75	20.71	20.69		
1.4	16QAM	3	0	20.80	20.92	20.72		
1.4	16QAM	3	1	20.65	20.84	20.71		
1.4	16QAM	3	3	20.60	20.65	20.70		
1.4	16QAM	6	0	20.73	20.87	20.65	22	0
1.4	64QAM	1	0	20.74	20.94	20.84	22	0
1.4	64QAM	1	3	20.82	20.91	20.75		
1.4	64QAM	1	5	20.73	20.82	20.74		
1.4	64QAM	3	0	20.77	20.91	20.75		
1.4	64QAM	3	1	20.70	20.81	20.72		
1.4	64QAM	3	3	20.55	20.72	20.63		
1.4	64QAM	6	0	20.78	20.84	20.84	22	0
1.4	256QAM	1	0	17.82	18.01	17.74	19	3
1.4	256QAM	1	3	17.83	17.95	17.75		
1.4	256QAM	1	5	17.64	17.72	17.68		
1.4	256QAM	3	0	17.77	17.85	17.81		
1.4	256QAM	3	1	17.70	17.70	17.74		
1.4	256QAM	3	3	17.65	17.70	17.66		
1.4	256QAM	6	0	17.84	18.03	17.82	19	3

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	21.32	21.38	21.29	22	0
15	QPSK	1	37	21.17	21.27	21.14		
15	QPSK	1	74	21.14	21.20	21.10		
15	QPSK	36	0	21.18	21.33	21.14	22	0
15	QPSK	36	20	21.17	21.18	21.12		
15	QPSK	36	39	21.02	21.18	21.06		
15	QPSK	75	0	21.17	21.29	21.11		
15	16QAM	1	0	21.11	21.23	21.11	22	0
15	16QAM	1	37	21.02	21.11	21.04		
15	16QAM	1	74	20.97	21.08	21.05		
15	16QAM	36	0	21.05	21.17	21.05	22	0
15	16QAM	36	20	20.97	21.06	20.97		
15	16QAM	36	39	20.95	20.94	20.89		
15	16QAM	75	0	21.04	21.15	20.99		
15	64QAM	1	0	21.09	21.29	21.14	22	0
15	64QAM	1	37	21.07	21.12	21.05		
15	64QAM	1	74	21.09	21.05	21.10		
15	64QAM	36	0	20.05	20.15	20.06	21	1
15	64QAM	36	20	19.97	20.03	20.01		
15	64QAM	36	39	19.94	19.94	19.90		
15	64QAM	75	0	20.09	20.15	20.06		
15	256QAM	1	0	18.31	18.43	18.26	19	3
15	256QAM	1	37	18.28	18.43	18.20		
15	256QAM	1	74	18.21	18.26	18.14		
15	256QAM	36	0	18.00	18.17	18.08	19	3
15	256QAM	36	20	18.02	18.08	17.98		
15	256QAM	36	39	17.90	18.02	17.97		
15	256QAM	75	0	18.07	18.23	18.06		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	21.20	21.26	21.26	22	0
10	QPSK	1	25	21.13	21.15	21.01		
10	QPSK	1	49	21.10	21.14	21.04		
10	QPSK	25	0	21.05	21.19	21.00	22	0
10	QPSK	25	12	21.06	21.12	21.02		
10	QPSK	25	25	20.96	21.09	20.94		
10	QPSK	50	0	21.11	21.20	20.97		
10	16QAM	1	0	21.03	21.13	20.97	22	0
10	16QAM	1	25	20.91	21.07	20.92		
10	16QAM	1	49	20.85	20.97	21.01		
10	16QAM	25	0	20.92	21.08	20.98	22	0
10	16QAM	25	12	20.93	20.91	20.94		
10	16QAM	25	25	20.82	20.80	20.80		
10	16QAM	50	0	20.91	21.08	20.87		
10	64QAM	1	0	20.97	21.15	21.04	22	0
10	64QAM	1	25	20.93	21.01	21.02		
10	64QAM	1	49	21.01	20.95	20.98		
10	64QAM	25	0	19.93	20.07	19.93	21	1
10	64QAM	25	12	19.93	19.97	19.93		
10	64QAM	25	25	19.83	19.86	19.87		
10	64QAM	50	0	19.94	20.09	19.97		
10	256QAM	1	0	18.19	18.29	18.11	19	3
10	256QAM	1	25	18.18	18.38	18.11		
10	256QAM	1	49	18.13	18.22	18.05		
10	256QAM	25	0	17.91	18.05	17.96	19	3
10	256QAM	25	12	17.93	18.05	17.88		
10	256QAM	25	25	17.87	17.96	17.93		
10	256QAM	50	0	17.96	18.15	17.97		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	21.19	21.34	21.20	22	0
5	QPSK	1	12	21.11	21.12	21.05		
5	QPSK	1	24	21.09	21.09	20.96		
5	QPSK	12	0	21.06	21.29	21.04	22	0
5	QPSK	12	7	21.07	21.09	21.08		
5	QPSK	12	13	20.96	21.05	20.98		
5	QPSK	25	0	21.12	21.18	21.06		
5	16QAM	1	0	20.99	21.17	21.04	22	0
5	16QAM	1	12	20.97	21.05	20.96		
5	16QAM	1	24	20.85	21.05	21.01		
5	16QAM	12	0	20.95	21.03	20.93	22	0
5	16QAM	12	7	20.87	20.97	20.92		
5	16QAM	12	13	20.87	20.79	20.77		
5	16QAM	25	0	20.93	21.08	20.95		
5	64QAM	1	0	21.04	21.23	21.09	22	0
5	64QAM	1	12	20.96	21.02	20.92		
5	64QAM	1	24	21.03	20.94	20.99		
5	64QAM	12	0	19.95	20.05	19.93	21	1
5	64QAM	12	7	19.93	19.97	19.90		
5	64QAM	12	13	19.84	19.81	19.80		
5	64QAM	25	0	20.02	20.07	20.03		
5	256QAM	1	0	18.19	18.37	18.13	19	3
5	256QAM	1	12	18.13	18.38	18.11		
5	256QAM	1	24	18.10	18.21	18.07		
5	256QAM	12	0	17.92	18.07	18.01	19	3
5	256QAM	12	7	17.99	18.03	17.91		
5	256QAM	12	13	17.83	17.90	17.88		
5	256QAM	25	0	17.99	18.11	18.01		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	21.23	21.32	21.17	22	0
3	QPSK	1	8	21.07	21.20	21.08		
3	QPSK	1	14	21.09	21.15	20.96		
3	QPSK	8	0	21.14	21.22	21.00	22	0
3	QPSK	8	4	21.05	21.14	21.04		
3	QPSK	8	7	20.94	21.05	20.92		
3	QPSK	15	0	21.04	21.16	21.02		
3	16QAM	1	0	20.96	21.15	21.03	22	0
3	16QAM	1	8	20.93	21.03	21.00		
3	16QAM	1	14	20.84	21.01	20.90		
3	16QAM	8	0	20.94	21.04	20.98	22	0
3	16QAM	8	4	20.90	20.92	20.85		
3	16QAM	8	7	20.90	20.89	20.79		
3	16QAM	15	0	20.92	21.11	20.95		
3	64QAM	1	0	21.00	21.15	21.10	22	0
3	64QAM	1	8	20.93	21.01	20.98		
3	64QAM	1	14	21.02	20.97	21.07		
3	64QAM	8	0	20.02	20.01	19.92	21	1
3	64QAM	8	4	19.88	19.97	19.94		
3	64QAM	8	7	19.87	19.87	19.84		
3	64QAM	15	0	19.97	20.10	19.94		
3	256QAM	1	0	18.27	18.36	18.22	19	3
3	256QAM	1	8	18.22	18.37	18.06		
3	256QAM	1	14	18.17	18.19	18.02		
3	256QAM	8	0	17.86	18.05	18.03	19	3
3	256QAM	8	4	17.98	17.95	17.90		
3	256QAM	8	7	17.76	17.96	17.88		
3	256QAM	15	0	17.98	18.14	17.92		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	21.20	21.28	21.17	22	0
1.4	QPSK	1	3	21.11	21.21	21.01		
1.4	QPSK	1	5	21.04	21.14	21.02		
1.4	QPSK	3	0	21.05	21.26	21.04		
1.4	QPSK	3	1	21.09	21.08	21.04		
1.4	QPSK	3	3	20.99	21.14	21.03		
1.4	QPSK	6	0	21.09	21.16	21.06	22	0
1.4	16QAM	1	0	21.06	21.18	20.97	22	0
1.4	16QAM	1	3	20.91	21.04	20.94		
1.4	16QAM	1	5	20.93	21.03	20.91		
1.4	16QAM	3	0	20.96	21.11	20.95		
1.4	16QAM	3	1	20.89	20.95	20.85		
1.4	16QAM	3	3	20.88	20.87	20.74		
1.4	16QAM	6	0	20.94	21.00	20.89	22	0
1.4	64QAM	1	0	21.04	21.24	21.04	22	0
1.4	64QAM	1	3	20.97	21.04	21.01		
1.4	64QAM	1	5	20.99	20.97	20.99		
1.4	64QAM	3	0	20.97	21.25	21.03		
1.4	64QAM	3	1	20.93	20.97	20.96		
1.4	64QAM	3	3	21.01	21.01	21.00		
1.4	64QAM	6	0	19.95	20.02	19.96	21	1
1.4	256QAM	1	0	18.20	18.36	18.15	19	3
1.4	256QAM	1	3	18.14	18.33	18.16		
1.4	256QAM	1	5	18.14	18.23	18.02		
1.4	256QAM	3	0	17.87	18.07	18.03		
1.4	256QAM	3	1	17.92	18.02	17.85		
1.4	256QAM	3	3	17.81	17.88	17.93		
1.4	256QAM	6	0	18.01	18.17	18.02	19	3

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		21.94		23	0
10	QPSK	1	25		21.76			
10	QPSK	1	49		21.80			
10	QPSK	25	0		21.91		23	0
10	QPSK	25	12		21.79			
10	QPSK	25	25		21.77			
10	QPSK	50	0		21.89			
10	16QAM	1	0		21.82		23	0
10	16QAM	1	25		21.66			
10	16QAM	1	49		21.58			
10	16QAM	25	0		20.92		22	1
10	16QAM	25	12		20.82			
10	16QAM	25	25		20.70			
10	16QAM	50	0		21.04			
10	64QAM	1	0		21.16		22	1
10	64QAM	1	25		20.97			
10	64QAM	1	49		20.95			
10	64QAM	25	0		20.24		21	2
10	64QAM	25	12		20.15			
10	64QAM	25	25		20.01			
10	64QAM	50	0		19.63			
10	256QAM	1	0		18.80		19	4
10	256QAM	1	25		18.80			
10	256QAM	1	49		18.59			
10	256QAM	25	0		18.70		19	4
10	256QAM	25	12		18.50			
10	256QAM	25	25		18.45			
10	256QAM	50	0		18.69			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	21.82	21.90	21.75	23	0
5	QPSK	1	12	21.73	21.69	21.60		
5	QPSK	1	24	21.69	21.62	21.52		
5	QPSK	12	0	21.67	21.82	21.69	23	0
5	QPSK	12	7	21.67	21.62	21.70		
5	QPSK	12	13	21.54	21.63	21.63		
5	QPSK	25	0	21.63	21.75	21.66		
5	16QAM	1	0	21.58	21.72	21.51	23	0
5	16QAM	1	12	21.60	21.60	21.50		
5	16QAM	1	24	21.47	21.57	21.46		
5	16QAM	12	0	20.70	20.78	20.76	22	1
5	16QAM	12	7	20.59	20.64	20.57		
5	16QAM	12	13	20.58	20.62	20.54		
5	16QAM	25	0	20.89	20.91	20.78		
5	64QAM	1	0	20.95	21.04	20.87	22	1
5	64QAM	1	12	20.91	20.89	20.90		
5	64QAM	1	24	20.86	20.88	20.84		
5	64QAM	12	0	20.03	20.15	19.94	21	2
5	64QAM	12	7	20.00	20.02	19.96		
5	64QAM	12	13	19.83	20.02	19.87		
5	64QAM	25	0	19.57	19.56	19.57		
5	256QAM	1	0	18.49	18.66	18.57	19	4
5	256QAM	1	12	18.46	18.69	18.52		
5	256QAM	1	24	18.44	18.57	18.55		
5	256QAM	12	0	18.47	18.61	18.39	19	4
5	256QAM	12	7	18.47	18.54	18.45		
5	256QAM	12	13	18.34	18.38	18.31		
5	256QAM	25	0	18.40	18.61	18.40		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	21.03	21.12	20.97	22	0
20	QPSK	1	49	20.91	21.03	20.86		
20	QPSK	1	99	20.86	20.90	20.79		
20	QPSK	50	0	20.87	21.07	20.96	22	0
20	QPSK	50	24	20.80	20.88	20.84		
20	QPSK	50	50	20.80	20.87	20.88		
20	QPSK	100	0	20.84	20.95	20.82		
20	16QAM	1	0	20.90	20.92	20.87	22	0
20	16QAM	1	49	20.74	20.86	20.80		
20	16QAM	1	99	20.78	20.82	20.73		
20	16QAM	50	0	20.71	20.87	20.79	22	0
20	16QAM	50	24	20.64	20.68	20.65		
20	16QAM	50	50	20.63	20.69	20.59		
20	16QAM	100	0	20.83	20.94	20.82		
20	64QAM	1	0	20.81	20.92	20.74	22	0
20	64QAM	1	49	20.75	20.80	20.77		
20	64QAM	1	99	20.65	20.69	20.68		
20	64QAM	50	0	20.61	20.79	20.69	22	0
20	64QAM	50	24	20.59	20.70	20.54		
20	64QAM	50	50	20.56	20.60	20.49		
20	64QAM	100	0	20.74	20.83	20.82		
20	256QAM	1	0	17.89	18.10	18.00	19	3
20	256QAM	1	49	17.93	18.10	17.95		
20	256QAM	1	99	17.79	17.90	17.85		
20	256QAM	50	0	17.60	17.75	17.63	19	3
20	256QAM	50	24	17.60	17.58	17.52		
20	256QAM	50	50	17.47	17.58	17.47		
20	256QAM	100	0	17.78	17.92	17.80		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	20.92	21.07	20.92	22	0
15	QPSK	1	37	20.78	20.96	20.79		
15	QPSK	1	74	20.77	20.75	20.71		
15	QPSK	36	0	20.78	21.01	20.83	22	0
15	QPSK	36	20	20.75	20.78	20.76		
15	QPSK	36	39	20.67	20.83	20.79		
15	QPSK	75	0	20.74	20.92	20.77		
15	16QAM	1	0	20.81	20.83	20.75	22	0
15	16QAM	1	37	20.63	20.83	20.77		
15	16QAM	1	74	20.66	20.68	20.65		
15	16QAM	36	0	20.59	20.74	20.64	22	0
15	16QAM	36	20	20.54	20.54	20.51		
15	16QAM	36	39	20.59	20.64	20.51		
15	16QAM	75	0	20.75	20.88	20.70		
15	64QAM	1	0	20.71	20.80	20.69	22	0
15	64QAM	1	37	20.61	20.68	20.66		
15	64QAM	1	74	20.54	20.58	20.55		
15	64QAM	36	0	20.56	20.70	20.62	22	0
15	64QAM	36	20	20.53	20.62	20.40		
15	64QAM	36	39	20.48	20.52	20.38		
15	64QAM	75	0	20.67	20.69	20.68		
15	256QAM	1	0	17.76	17.98	17.91	19	3
15	256QAM	1	37	17.78	18.02	17.83		
15	256QAM	1	74	17.65	17.85	17.81		
15	256QAM	36	0	17.46	17.70	17.50	19	3
15	256QAM	36	20	17.47	17.53	17.41		
15	256QAM	36	39	17.37	17.50	17.33		
15	256QAM	75	0	17.64	17.81	17.74		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	20.94	21.01	20.86	22	0
10	QPSK	1	25	20.83	20.89	20.71		
10	QPSK	1	49	20.82	20.78	20.72		
10	QPSK	25	0	20.76	20.97	20.88	22	0
10	QPSK	25	12	20.68	20.78	20.79		
10	QPSK	25	25	20.76	20.81	20.74		
10	QPSK	50	0	20.74	20.81	20.68		
10	16QAM	1	0	20.81	20.83	20.74	22	0
10	16QAM	1	25	20.66	20.75	20.74		
10	16QAM	1	49	20.73	20.76	20.64		
10	16QAM	25	0	20.58	20.81	20.65	22	0
10	16QAM	25	12	20.54	20.58	20.60		
10	16QAM	25	25	20.56	20.65	20.49		
10	16QAM	50	0	20.80	20.82	20.68		
10	64QAM	1	0	20.72	20.86	20.71	22	0
10	64QAM	1	25	20.61	20.74	20.64		
10	64QAM	1	49	20.51	20.55	20.58		
10	64QAM	25	0	20.47	20.71	20.57	22	0
10	64QAM	25	12	20.48	20.64	20.43		
10	64QAM	25	25	20.47	20.46	20.45		
10	64QAM	50	0	20.67	20.79	20.75		
10	256QAM	1	0	17.86	17.97	17.92	19	3
10	256QAM	1	25	17.86	17.95	17.87		
10	256QAM	1	49	17.65	17.76	17.79		
10	256QAM	25	0	17.53	17.63	17.59	19	3
10	256QAM	25	12	17.57	17.52	17.45		
10	256QAM	25	25	17.36	17.46	17.43		
10	256QAM	50	0	17.65	17.85	17.76		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	20.91	20.98	20.86	22	0
5	QPSK	1	12	20.85	20.92	20.79		
5	QPSK	1	24	20.80	20.82	20.68		
5	QPSK	12	0	20.75	20.94	20.92	22	0
5	QPSK	12	7	20.76	20.79	20.71		
5	QPSK	12	13	20.67	20.80	20.79		
5	QPSK	25	0	20.73	20.91	20.67		
5	16QAM	1	0	20.81	20.80	20.76	22	0
5	16QAM	1	12	20.64	20.73	20.75		
5	16QAM	1	24	20.76	20.73	20.60		
5	16QAM	12	0	20.67	20.72	20.64	22	0
5	16QAM	12	7	20.58	20.57	20.60		
5	16QAM	12	13	20.50	20.55	20.54		
5	16QAM	25	0	20.76	20.88	20.69		
5	64QAM	1	0	20.70	20.83	20.66	22	0
5	64QAM	1	12	20.65	20.77	20.64		
5	64QAM	1	24	20.62	20.54	20.61		
5	64QAM	12	0	20.53	20.67	20.60	22	0
5	64QAM	12	7	20.46	20.58	20.49		
5	64QAM	12	13	20.50	20.53	20.39		
5	64QAM	25	0	20.70	20.77	20.70		
5	256QAM	1	0	17.82	18.02	17.93	19	3
5	256QAM	1	12	17.80	17.98	17.82		
5	256QAM	1	24	17.70	17.76	17.71		
5	256QAM	12	0	17.55	17.63	17.49	19	3
5	256QAM	12	7	17.54	17.50	17.47		
5	256QAM	12	13	17.39	17.51	17.44		
5	256QAM	25	0	17.64	17.78	17.75		
Channel				131967	132322	132677	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	20.91	21.06	20.92	22	0
3	QPSK	1	8	20.85	20.96	20.74		
3	QPSK	1	14	20.75	20.86	20.66		
3	QPSK	8	0	20.73	20.93	20.86	22	0
3	QPSK	8	4	20.74	20.80	20.80		
3	QPSK	8	7	20.69	20.82	20.85		
3	QPSK	15	0	20.79	20.84	20.78		
3	16QAM	1	0	20.87	20.82	20.80	22	0
3	16QAM	1	8	20.63	20.77	20.73		
3	16QAM	1	14	20.70	20.68	20.67		
3	16QAM	8	0	20.60	20.83	20.74	22	0
3	16QAM	8	4	20.55	20.53	20.58		
3	16QAM	8	7	20.55	20.61	20.55		
3	16QAM	15	0	20.77	20.84	20.71		
3	64QAM	1	0	20.69	20.82	20.64	22	0
3	64QAM	1	8	20.64	20.72	20.64		
3	64QAM	1	14	20.51	20.57	20.59		
3	64QAM	8	0	20.48	20.68	20.59	22	0
3	64QAM	8	4	20.45	20.61	20.46		
3	64QAM	8	7	20.49	20.53	20.43		
3	64QAM	15	0	20.71	20.71	20.70		
3	256QAM	1	0	17.84	18.06	17.89	19	3
3	256QAM	1	8	17.83	18.04	17.81		
3	256QAM	1	14	17.74	17.86	17.78		
3	256QAM	8	0	17.56	17.67	17.51	19	3
3	256QAM	8	4	17.45	17.47	17.48		
3	256QAM	8	7	17.36	17.55	17.37		
3	256QAM	15	0	17.69	17.82	17.77		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	20.93	21.03	20.94	22	0
1.4	QPSK	1	3	20.80	20.97	20.80		
1.4	QPSK	1	5	20.81	20.76	20.67		
1.4	QPSK	3	0	20.75	20.95	20.84		
1.4	QPSK	3	1	20.69	20.79	20.72		
1.4	QPSK	3	3	20.69	20.84	20.81		
1.4	QPSK	6	0	20.80	20.84	20.68	22	0
1.4	16QAM	1	0	20.83	20.86	20.74	22	0
1.4	16QAM	1	3	20.63	20.72	20.67		
1.4	16QAM	1	5	20.70	20.79	20.59		
1.4	16QAM	3	0	20.62	20.81	20.65		
1.4	16QAM	3	1	20.55	20.56	20.52		
1.4	16QAM	3	3	20.54	20.64	20.47		
1.4	16QAM	6	0	20.71	20.88	20.70	21.5	0.5
1.4	64QAM	1	0	20.74	20.77	20.60	21.5	0.5
1.4	64QAM	1	3	20.61	20.68	20.73		
1.4	64QAM	1	5	20.51	20.61	20.59		
1.4	64QAM	3	0	20.57	20.66	20.59		
1.4	64QAM	3	1	20.45	20.62	20.46		
1.4	64QAM	3	3	20.46	20.48	20.36		
1.4	64QAM	6	0	20.60	20.76	20.73	20.5	1.5
1.4	256QAM	1	0	17.81	18.02	17.97	18.5	3.5
1.4	256QAM	1	3	17.80	18.02	17.81		
1.4	256QAM	1	5	17.66	17.75	17.80		
1.4	256QAM	3	0	17.56	17.66	17.53		
1.4	256QAM	3	1	17.51	17.45	17.38		
1.4	256QAM	3	3	17.34	17.48	17.38		
1.4	256QAM	6	0	17.66	17.83	17.68	18.5	3.5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				133222	133322	133372		
Frequency (MHz)				673	683	688		
20	QPSK	1	0	21.76	21.85	21.69	23	0
20	QPSK	1	49	21.62	21.74	21.59		
20	QPSK	1	99	21.53	21.65	21.55		
20	QPSK	50	0	21.65	21.79	21.60	23	0
20	QPSK	50	24	21.61	21.64	21.62		
20	QPSK	50	50	21.54	21.61	21.61		
20	QPSK	100	0	21.50	21.72	21.57		
20	16QAM	1	0	21.58	21.77	21.57	23	0
20	16QAM	1	49	21.55	21.59	21.61		
20	16QAM	1	99	21.49	21.58	21.56		
20	16QAM	50	0	21.45	21.64	21.47	22.5	0.5
20	16QAM	50	24	21.46	21.49	21.49		
20	16QAM	50	50	21.40	21.44	21.38		
20	16QAM	100	0	21.38	21.48	21.29		
20	64QAM	1	0	21.32	21.53	21.38	22.5	0.5
20	64QAM	1	49	21.35	21.44	21.39		
20	64QAM	1	99	21.30	21.33	21.35		
20	64QAM	50	0	20.29	20.50	20.33	21.5	1.5
20	64QAM	50	24	20.35	20.36	20.33		
20	64QAM	50	50	20.29	20.32	20.30		
20	64QAM	100	0	20.22	20.31	20.25		
20	256QAM	1	0	17.67	17.89	17.81	19	4
20	256QAM	1	49	17.72	17.89	17.67		
20	256QAM	1	99	17.59	17.65	17.64		
20	256QAM	50	0	18.43	18.62	18.53	19	4
20	256QAM	50	24	18.37	18.52	18.42		
20	256QAM	50	50	18.30	18.39	18.37		
20	256QAM	100	0	18.32	18.49	18.34		
Channel				133197	133297	133397	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	0	21.70	21.78	21.54	23	0
15	QPSK	1	37	21.52	21.64	21.53		
15	QPSK	1	74	21.43	21.61	21.51		
15	QPSK	36	0	21.57	21.70	21.56	23	0
15	QPSK	36	20	21.55	21.59	21.49		
15	QPSK	36	39	21.50	21.47	21.55		
15	QPSK	75	0	21.40	21.59	21.53		
15	16QAM	1	0	21.47	21.64	21.43	23	0
15	16QAM	1	37	21.42	21.45	21.50		
15	16QAM	1	74	21.35	21.55	21.45		
15	16QAM	36	0	21.37	21.51	21.36	22.5	0.5
15	16QAM	36	20	21.38	21.39	21.35		
15	16QAM	36	39	21.31	21.30	21.32		
15	16QAM	75	0	21.34	21.41	21.20		
15	64QAM	1	0	21.23	21.38	21.34	22.5	0.5
15	64QAM	1	37	21.30	21.30	21.26		
15	64QAM	1	74	21.25	21.20	21.29		
15	64QAM	36	0	20.15	20.39	20.23	21.5	1.5
15	64QAM	36	20	20.23	20.22	20.23		
15	64QAM	36	39	20.23	20.26	20.22		
15	64QAM	75	0	20.16	20.20	20.17		
15	256QAM	1	0	17.61	17.84	17.75	19	4
15	256QAM	1	37	17.58	17.83	17.64		
15	256QAM	1	74	17.46	17.56	17.52		
15	256QAM	36	0	18.31	18.50	18.38	19	4
15	256QAM	36	20	18.29	18.47	18.30		
15	256QAM	36	39	18.23	18.41	18.26		
15	256QAM	75	0	18.27	18.39	18.25		
Channel				133172	133272	133422	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	678	693		
10	QPSK	1	0	21.66	21.75	21.62	23	0
10	QPSK	1	25	21.50	21.60	21.51		
10	QPSK	1	49	21.41	21.53	21.51		
10	QPSK	25	0	21.51	21.66	21.57	23	0
10	QPSK	25	12	21.52	21.54	21.48		
10	QPSK	25	25	21.49	21.47	21.52		
10	QPSK	50	0	21.46	21.62	21.45		
10	16QAM	1	0	21.54	21.63	21.51	23	0
10	16QAM	1	25	21.46	21.46	21.55		
10	16QAM	1	49	21.40	21.53	21.47		
10	16QAM	25	0	21.34	21.55	21.37	22.5	0.5
10	16QAM	25	12	21.36	21.46	21.45		
10	16QAM	25	25	21.36	21.33	21.26		
10	16QAM	50	0	21.31	21.42	21.17		
10	64QAM	1	0	21.24	21.43	21.24	22.5	0.5
10	64QAM	1	25	21.25	21.29	21.34		
10	64QAM	1	49	21.19	21.21	21.27		
10	64QAM	25	0	20.18	20.42	20.24	21.5	1.5
10	64QAM	25	12	20.22	20.25	20.27		
10	64QAM	25	25	20.17	20.25	20.25		
10	64QAM	50	0	20.11	20.22	20.22		
10	256QAM	1	0	17.61	17.81	17.75	19	4
10	256QAM	1	25	17.69	17.79	17.59		
10	256QAM	1	49	17.50	17.57	17.51		
10	256QAM	25	0	18.32	18.55	18.46	19	4
10	256QAM	25	12	18.26	18.41	18.36		
10	256QAM	25	25	18.24	18.30	18.24		
10	256QAM	50	0	18.19	18.40	18.22		
Channel				133147	133247	133447	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	675.5	695.5		
5	QPSK	1	0	21.72	21.72	21.62	23	0
5	QPSK	1	12	21.54	21.66	21.54		
5	QPSK	1	24	21.44	21.53	21.48		
5	QPSK	12	0	21.59	21.65	21.57	23	0
5	QPSK	12	7	21.48	21.50	21.57		
5	QPSK	12	13	21.43	21.57	21.47		
5	QPSK	25	0	21.39	21.68	21.53		
5	16QAM	1	0	21.43	21.65	21.47	23	0
5	16QAM	1	12	21.47	21.44	21.51		
5	16QAM	1	24	21.49	21.50	21.52		
5	16QAM	12	0	21.36	21.52	21.40	22.5	0.5
5	16QAM	12	7	21.35	21.35	21.37		
5	16QAM	12	13	21.35	21.40	21.33		
5	16QAM	25	0	21.32	21.43	21.18		
5	64QAM	1	0	21.19	21.44	21.29	22.5	0.5
5	64QAM	1	12	21.26	21.35	21.31		
5	64QAM	1	24	21.16	21.18	21.28		
5	64QAM	12	0	20.16	20.41	20.18	21.5	1.5
5	64QAM	12	7	20.29	20.30	20.28		
5	64QAM	12	13	20.22	20.17	20.19		
5	64QAM	25	0	20.10	20.25	20.12		
5	256QAM	1	0	17.58	17.80	17.72	19	4
5	256QAM	1	12	17.65	17.79	17.53		
5	256QAM	1	24	17.45	17.60	17.52		
5	256QAM	12	0	18.34	18.50	18.42	19	4
5	256QAM	12	7	18.31	18.46	18.38		
5	256QAM	12	13	18.21	18.29	18.23		
5	256QAM	25	0	18.22	18.46	18.29		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	22.41	22.53	22.49	23	0
20	QPSK	1	49	22.32	22.35	22.39		
20	QPSK	1	99	22.25	22.29	22.29		
20	QPSK	50	0	22.29	22.48	22.39	23	0
20	QPSK	50	24	22.24	22.32	22.32		
20	QPSK	50	50	22.24	22.28	22.28		
20	QPSK	100	0	22.26	22.45	22.33		
20	16QAM	1	0	22.35	22.51	22.39	23	0
20	16QAM	1	49	22.31	22.35	22.28		
20	16QAM	1	99	22.27	22.30	22.24		
20	16QAM	50	0	21.97	22.14	21.95	23	0
20	16QAM	50	24	21.91	21.95	21.93		
20	16QAM	50	50	21.88	21.92	21.89		
20	16QAM	100	0	21.95	22.09	21.99		
20	64QAM	1	0	22.29	22.47	22.39	23	0
20	64QAM	1	49	22.28	22.36	22.28		
20	64QAM	1	99	22.16	22.24	22.22		
20	64QAM	50	0	21.93	22.11	22.00	22.5	0.5
20	64QAM	50	24	21.89	22.03	21.90		
20	64QAM	50	50	21.80	21.94	21.85		
20	64QAM	100	0	21.91	22.05	21.96		
20	256QAM	1	0	18.83	19.00	18.85	20.5	2.5
20	256QAM	1	49	18.79	19.00	18.76		
20	256QAM	1	99	18.76	18.77	18.78		
20	256QAM	50	0	18.95	19.16	18.97	20.5	2.5
20	256QAM	50	24	18.97	19.06	18.96		
20	256QAM	50	50	18.89	18.95	18.94		
20	256QAM	100	0	19.00	19.15	18.96		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.26	22.49	22.41	23	0
15	QPSK	1	37	22.19	22.23	22.30		
15	QPSK	1	74	22.12	22.20	22.21		
15	QPSK	36	0	22.23	22.33	22.34	23	0
15	QPSK	36	20	22.14	22.22	22.19		
15	QPSK	36	39	22.11	22.16	22.24		
15	QPSK	75	0	22.18	22.39	22.23		
15	16QAM	1	0	22.26	22.39	22.27	23	0
15	16QAM	1	37	22.21	22.24	22.20		
15	16QAM	1	74	22.15	22.25	22.15		
15	16QAM	36	0	21.94	22.08	21.82	23	0
15	16QAM	36	20	21.82	21.84	21.86		
15	16QAM	36	39	21.78	21.84	21.86		
15	16QAM	75	0	21.81	22.06	21.94		
15	64QAM	1	0	22.15	22.37	22.36	23	0
15	64QAM	1	37	22.17	22.26	22.23		
15	64QAM	1	74	22.06	22.11	22.15		
15	64QAM	36	0	21.85	21.96	21.87	22.5	0.5
15	64QAM	36	20	21.83	21.92	21.78		
15	64QAM	36	39	21.68	21.82	21.81		
15	64QAM	75	0	21.82	21.91	21.86		
15	256QAM	1	0	18.77	18.90	18.81	20.5	2.5
15	256QAM	1	37	18.70	18.91	18.72		
15	256QAM	1	74	18.67	18.74	18.74		
15	256QAM	36	0	18.86	19.11	18.92	20.5	2.5
15	256QAM	36	20	18.93	18.94	18.86		
15	256QAM	36	39	18.85	18.88	18.84		
15	256QAM	75	0	18.89	19.10	18.89		
Channel				37600	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.29	22.47	22.41	23	0
10	QPSK	1	25	22.23	22.30	22.27		
10	QPSK	1	49	22.19	22.21	22.25		
10	QPSK	25	0	22.23	22.36	22.27	23	0
10	QPSK	25	12	22.21	22.29	22.25		
10	QPSK	25	25	22.14	22.20	22.22		
10	QPSK	50	0	22.14	22.37	22.26		
10	16QAM	1	0	22.25	22.38	22.31	23	0
10	16QAM	1	25	22.27	22.23	22.18		
10	16QAM	1	49	22.15	22.16	22.12		
10	16QAM	25	0	21.85	22.03	21.80	23	0
10	16QAM	25	12	21.87	21.91	21.86		
10	16QAM	25	25	21.78	21.85	21.77		
10	16QAM	50	0	21.87	22.00	21.86		
10	64QAM	1	0	22.18	22.33	22.27	23	0
10	64QAM	1	25	22.21	22.31	22.23		
10	64QAM	1	49	22.03	22.10	22.12		
10	64QAM	25	0	21.78	22.07	21.87	22.5	0.5
10	64QAM	25	12	21.76	21.97	21.76		
10	64QAM	25	25	21.77	21.87	21.71		
10	64QAM	50	0	21.77	21.95	21.81		
10	256QAM	1	0	18.76	18.92	18.70	20.5	2.5
10	256QAM	1	25	18.64	18.91	18.72		
10	256QAM	1	49	18.62	18.73	18.68		
10	256QAM	25	0	18.83	19.11	18.88	20.5	2.5
10	256QAM	25	12	18.90	19.03	18.92		
10	256QAM	25	25	18.77	18.94	18.87		
10	256QAM	50	0	18.91	19.04	18.86		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.26	22.40	22.42	23	0
5	QPSK	1	12	22.27	22.21	22.34		
5	QPSK	1	24	22.17	22.17	22.21		
5	QPSK	12	0	22.16	22.34	22.28	23	0
5	QPSK	12	7	22.12	22.26	22.22		
5	QPSK	12	13	22.21	22.21	22.17		
5	QPSK	25	0	22.21	22.31	22.23		
5	16QAM	1	0	22.31	22.41	22.34	23	0
5	16QAM	1	12	22.21	22.24	22.13		
5	16QAM	1	24	22.13	22.17	22.18		
5	16QAM	12	0	21.89	22.08	21.90	23	0
5	16QAM	12	7	21.81	21.89	21.88		
5	16QAM	12	13	21.80	21.86	21.85		
5	16QAM	25	0	21.85	22.04	21.95		
5	64QAM	1	0	22.20	22.35	22.24	23	0
5	64QAM	1	12	22.14	22.25	22.20		
5	64QAM	1	24	22.04	22.14	22.08		
5	64QAM	12	0	21.86	22.08	21.86	22.5	0.5
5	64QAM	12	7	21.78	21.88	21.82		
5	64QAM	12	13	21.76	21.79	21.73		
5	64QAM	25	0	21.78	21.96	21.92		
5	256QAM	1	0	18.73	18.88	18.71	20.5	2.5
5	256QAM	1	12	18.72	18.87	18.66		
5	256QAM	1	24	18.64	18.73	18.70		
5	256QAM	12	0	18.87	19.09	18.90	20.5	2.5
5	256QAM	12	7	18.82	19.01	18.84		
5	256QAM	12	13	18.85	18.88	18.90		
5	256QAM	25	0	18.95	19.08	18.91		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	23.67	23.70	23.75	23.54	23.60	24	0
20	QPSK	1	49	23.55	23.62	23.65	23.51	23.52		
20	QPSK	1	99	23.48	23.56	23.59	23.50	23.46		
20	QPSK	50	0	22.58	22.56	22.72	22.60	22.66	23	1
20	QPSK	50	24	22.50	22.51	22.64	22.54	22.47		
20	QPSK	50	50	22.50	22.42	22.54	22.50	22.47		
20	QPSK	100	0	22.60	22.58	22.69	22.55	22.59		
20	16QAM	1	0	22.80	22.67	22.88	22.75	22.77	23	1
20	16QAM	1	49	22.68	22.62	22.70	22.68	22.72		
20	16QAM	1	99	22.67	22.58	22.72	22.62	22.64		
20	16QAM	50	0	21.67	21.69	21.80	21.63	21.77	22	2
20	16QAM	50	24	21.64	21.59	21.63	21.62	21.59		
20	16QAM	50	50	21.45	21.55	21.65	21.50	21.45		
20	16QAM	100	0	21.69	21.68	21.90	21.74	21.77		
20	64QAM	1	0	21.79	21.78	21.71	21.76	21.80	22	2
20	64QAM	1	49	21.72	21.74	21.69	21.64	21.67		
20	64QAM	1	99	21.50	21.66	21.64	21.67	21.47		
20	64QAM	50	0	20.66	20.66	20.74	20.63	20.70	21	3
20	64QAM	50	24	20.46	20.58	20.66	20.61	20.41		
20	64QAM	50	50	20.50	20.48	20.65	20.54	20.59		
20	64QAM	100	0	20.68	20.67	20.70	20.75	20.59		
20	256QAM	1	0	18.62	18.49	18.70	18.50	18.65	19	5
20	256QAM	1	49	18.64	18.47	18.70	18.55	18.56		
20	256QAM	1	99	18.43	18.43	18.53	18.51	18.38		
20	256QAM	50	0	18.76	18.67	18.83	18.70	18.74	19	5
20	256QAM	50	24	18.61	18.59	18.64	18.62	18.62		
20	256QAM	50	50	18.51	18.53	18.61	18.63	18.59		
20	256QAM	100	0	18.77	18.75	18.88	18.71	18.73		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	23.47	23.50	23.55	23.34	23.40	24.00	0
15	QPSK	1	37	23.35	23.42	23.45	23.31	23.32		
15	QPSK	1	74	23.28	23.36	23.39	23.30	23.26		
15	QPSK	36	0	22.38	22.36	22.52	22.40	22.46	23	1
15	QPSK	36	20	22.30	22.31	22.44	22.34	22.27		
15	QPSK	36	39	22.30	22.22	22.34	22.30	22.27		
15	QPSK	75	0	22.40	22.38	22.49	22.35	22.39		
15	16QAM	1	0	22.60	22.47	22.68	22.55	22.57	23	1
15	16QAM	1	37	22.48	22.42	22.50	22.48	22.52		
15	16QAM	1	74	22.47	22.38	22.52	22.42	22.44		
15	16QAM	36	0	21.47	21.49	21.60	21.43	21.57	22	2
15	16QAM	36	20	21.44	21.39	21.43	21.42	21.39		
15	16QAM	36	39	21.25	21.35	21.45	21.30	21.25		
15	16QAM	75	0	21.49	21.48	21.70	21.54	21.57		
15	64QAM	1	0	21.59	21.58	21.51	21.56	21.60	22	2
15	64QAM	1	37	21.52	21.54	21.49	21.44	21.47		
15	64QAM	1	74	21.30	21.46	21.44	21.47	21.27		
15	64QAM	36	0	20.46	20.46	20.54	20.43	20.50	21	3
15	64QAM	36	20	20.26	20.38	20.46	20.41	20.21		
15	64QAM	36	39	20.30	20.28	20.45	20.34	20.39		
15	64QAM	75	0	20.48	20.47	20.50	20.55	20.39		
15	256QAM	1	0	18.42	18.29	18.50	18.30	18.45	19	5
15	256QAM	1	37	18.44	18.27	18.50	18.35	18.36		
15	256QAM	1	74	18.23	18.23	18.33	18.31	18.18		
15	256QAM	36	0	18.56	18.47	18.63	18.50	18.54	19	5
15	256QAM	36	20	18.41	18.39	18.44	18.42	18.42		
15	256QAM	36	39	18.31	18.33	18.41	18.43	18.39		
15	256QAM	75	0	18.57	18.55	18.68	18.51	18.53		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	23.58	23.66	23.66	23.46	23.55	24.00	0
10	QPSK	1	25	23.43	23.54	23.57	23.36	23.42		
10	QPSK	1	49	23.41	23.45	23.49	23.41	23.37		
10	QPSK	25	0	22.53	22.53	22.62	22.46	22.57	23	1
10	QPSK	25	12	22.46	22.46	22.58	22.46	22.44		
10	QPSK	25	25	22.39	22.27	22.40	22.44	22.40		
10	QPSK	50	0	22.46	22.44	22.65	22.46	22.52		
10	16QAM	1	0	22.69	22.53	22.78	22.61	22.64	23	1
10	16QAM	1	25	22.59	22.56	22.61	22.59	22.64		
10	16QAM	1	49	22.63	22.54	22.65	22.48	22.57		
10	16QAM	25	0	21.59	21.59	21.72	21.49	21.67	22	2
10	16QAM	25	12	21.57	21.56	21.55	21.49	21.55		
10	16QAM	25	25	21.39	21.47	21.58	21.42	21.35		
10	16QAM	50	0	21.65	21.54	21.76	21.66	21.70		
10	64QAM	1	0	21.75	21.60	21.70	21.73	21.81	22	2
10	64QAM	1	25	21.68	21.69	21.59	21.46	21.69		
10	64QAM	1	49	21.52	21.49	21.62	21.57	21.47		
10	64QAM	25	0	20.56	20.55	20.76	20.55	20.59	21	3
10	64QAM	25	12	20.42	20.56	20.52	20.46	20.30		
10	64QAM	25	25	20.39	20.42	20.63	20.45	20.46		
10	64QAM	50	0	20.69	20.52	20.67	20.57	20.47		
10	256QAM	1	0	18.58	18.35	18.66	18.36	18.60	19	5
10	256QAM	1	25	18.56	18.40	18.64	18.49	18.53		
10	256QAM	1	49	18.35	18.29	18.50	18.46	18.30		
10	256QAM	25	0	18.62	18.52	18.78	18.59	18.60	19	5
10	256QAM	25	12	18.49	18.48	18.60	18.59	18.55		
10	256QAM	25	25	18.40	18.40	18.51	18.51	18.49		
10	256QAM	50	0	18.67	18.65	18.81	18.64	18.60		
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	23.58	23.56	23.61	23.43	23.56	24.00	0
5	QPSK	1	12	23.50	23.51	23.51	23.45	23.47		
5	QPSK	1	24	23.42	23.48	23.48	23.35	23.39		
5	QPSK	12	0	22.47	22.41	22.68	22.56	22.62	23	1
5	QPSK	12	7	22.38	22.48	22.60	22.41	22.34		
5	QPSK	12	13	22.37	22.29	22.43	22.37	22.35		
5	QPSK	25	0	22.54	22.52	22.62	22.47	22.52		
5	16QAM	1	0	22.66	22.57	22.84	22.62	22.63	23	1
5	16QAM	1	12	22.55	22.57	22.63	22.55	22.65		
5	16QAM	1	24	22.57	22.52	22.62	22.56	22.58		
5	16QAM	12	0	21.61	21.58	21.65	21.51	21.65	22	2
5	16QAM	12	7	21.60	21.49	21.57	21.52	21.54		
5	16QAM	12	13	21.35	21.43	21.52	21.42	21.39		
5	16QAM	25	0	21.55	21.54	21.75	21.60	21.67		
5	64QAM	1	0	21.75	21.63	21.75	21.61	21.77	22	2
5	64QAM	1	12	21.62	21.59	21.63	21.61	21.61		
5	64QAM	1	24	21.44	21.57	21.64	21.57	21.49		
5	64QAM	12	0	20.66	20.50	20.73	20.44	20.57	21	3
5	64QAM	12	7	20.42	20.56	20.56	20.45	20.39		
5	64QAM	12	13	20.35	20.49	20.55	20.39	20.49		
5	64QAM	25	0	20.68	20.62	20.55	20.67	20.51		
5	256QAM	1	0	18.55	18.40	18.59	18.37	18.50	19	5
5	256QAM	1	12	18.50	18.36	18.59	18.43	18.45		
5	256QAM	1	24	18.36	18.37	18.48	18.47	18.29		
5	256QAM	12	0	18.64	18.53	18.68	18.57	18.66	19	5
5	256QAM	12	7	18.50	18.45	18.61	18.51	18.58		
5	256QAM	12	13	18.37	18.49	18.53	18.52	18.44		
5	256QAM	25	0	18.67	18.67	18.81	18.62	18.63		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	25.50	25.47	25.64	25.41	25.55	27	0
20	QPSK	1	49	25.33	25.40	25.58	25.35	25.53		
20	QPSK	1	99	25.29	25.33	25.51	25.31	25.41		
20	QPSK	50	0	25.33	25.30	25.49	25.29	25.37	27	0
20	QPSK	50	24	25.27	25.29	25.46	25.27	25.33		
20	QPSK	50	50	25.18	25.22	25.40	25.18	25.26		
20	QPSK	100	0	25.19	25.19	25.38	25.22	25.28		
20	16QAM	1	0	25.18	25.28	25.42	25.23	25.34	27	0
20	16QAM	1	49	25.20	25.14	25.39	25.16	25.28		
20	16QAM	1	99	25.16	25.13	25.35	25.12	25.27		
20	16QAM	50	0	24.29	24.40	24.53	24.34	24.44	26	1
20	16QAM	50	24	24.32	24.26	24.50	24.27	24.42		
20	16QAM	50	50	24.21	24.24	24.46	24.22	24.39		
20	16QAM	100	0	24.25	24.23	24.42	24.19	24.28		
20	64QAM	1	0	24.57	24.66	24.80	24.57	24.75	26	1
20	64QAM	1	49	24.55	24.52	24.74	24.54	24.66		
20	64QAM	1	99	24.52	24.55	24.70	24.50	24.65		
20	64QAM	50	0	23.37	23.35	23.56	23.39	23.46	25	2
20	64QAM	50	24	23.33	23.33	23.53	23.31	23.45		
20	64QAM	50	50	23.35	23.25	23.49	23.33	23.44		
20	64QAM	100	0	23.23	23.29	23.44	23.31	23.33		
20	256QAM	1	0	21.51	21.49	21.68	21.44	21.58	23	4
20	256QAM	1	49	21.43	21.41	21.61	21.42	21.52		
20	256QAM	1	99	21.30	21.36	21.55	21.41	21.51		
20	256QAM	50	0	21.37	21.38	21.52	21.34	21.45	23	4
20	256QAM	50	24	21.27	21.23	21.46	21.24	21.39		
20	256QAM	50	50	21.23	21.26	21.41	21.20	21.35		
20	256QAM	100	0	21.10	21.12	21.34	21.15	21.24		
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	25.47	25.39	25.51	25.36	25.50	27.00	0
15	QPSK	1	37	25.29	25.33	25.46	25.29	25.46		
15	QPSK	1	74	25.15	25.26	25.38	25.24	25.30		
15	QPSK	36	0	25.25	25.24	25.46	25.24	25.26	27	0
15	QPSK	36	20	25.13	25.15	25.43	25.21	25.21		
15	QPSK	36	39	25.04	25.11	25.30	25.08	25.12		
15	QPSK	75	0	25.04	25.06	25.28	25.17	25.24		
15	16QAM	1	0	25.05	25.14	25.32	25.16	25.28	27	0
15	16QAM	1	37	25.05	25.11	25.27	25.03	25.20		
15	16QAM	1	74	25.10	25.00	25.28	25.07	25.21		
15	16QAM	36	0	24.17	24.33	24.39	24.24	24.35	26	1
15	16QAM	36	20	24.25	24.18	24.44	24.15	24.31		
15	16QAM	36	39	24.11	24.09	24.37	24.10	24.26		
15	16QAM	75	0	24.20	24.08	24.29	24.05	24.17		
15	64QAM	1	0	24.44	24.57	24.72	24.47	24.70	26	1
15	64QAM	1	37	24.49	24.48	24.63	24.46	24.55		
15	64QAM	1	74	24.42	24.42	24.62	24.38	24.61		
15	64QAM	36	0	23.26	23.22	23.47	23.29	23.33	25	2
15	64QAM	36	20	23.23	23.28	23.40	23.19	23.34		
15	64QAM	36	39	23.22	23.16	23.36	23.21	23.39		
15	64QAM	75	0	23.19	23.25	23.32	23.18	23.23		
15	256QAM	1	0	21.44	21.44	21.54	21.33	21.45	23	4
15	256QAM	1	37	21.29	21.29	21.56	21.28	21.46		
15	256QAM	1	74	21.25	21.29	21.52	21.31	21.41		
15	256QAM	36	0	21.28	21.27	21.39	21.26	21.30	23	4
15	256QAM	36	20	21.12	21.14	21.34	21.18	21.27		
15	256QAM	36	39	21.14	21.22	21.37	21.12	21.30		
15	256QAM	75	0	21.06	21.19	21.21	21.00	21.10		
Channel				39700	40160	40620	41080	41540	Tune-up limit	MPR
Frequency (MHz)				2501	2547	2593	2639	2685	(dBm)	(dB)
10	QPSK	1	0	25.38	25.38	25.57	25.37	25.48	27.00	0
10	QPSK	1	25	25.25	25.31	25.46	25.25	25.42		
10	QPSK	1	49	25.21	25.18	25.38	25.17	25.37		
10	QPSK	25	0	25.22	25.18	25.46	25.22	25.32	27	0
10	QPSK	25	12	25.17	25.21	25.43	25.22	25.26		
10	QPSK	25	25	25.04	25.13	25.35	25.10	25.14		
10	QPSK	50	0	25.15	25.06	25.31	25.14	25.24		
10	16QAM	1	0	25.06	25.20	25.30	25.17	25.24	27	0
10	16QAM	1	25	25.06	25.05	25.33	25.12	25.25		
10	16QAM	1	49	25.09	25.07	25.30	25.17	25.24		
10	16QAM	25	0	24.21	24.28	24.44	24.25	24.39	26	1
10	16QAM	25	12	24.23	24.19	24.46	24.18	24.29		
10	16QAM	25	25	24.13	24.11	24.43	24.17	24.35		
10	16QAM	50	0	24.17	24.12	24.31	24.16	24.22		
10	64QAM	1	0	24.44	24.56	24.74	24.49	24.63	26	1
10	64QAM	1	25	24.43	24.46	24.60	24.49	24.61		
10	64QAM	1	49	24.38	24.51	24.59	24.41	24.56		
10	64QAM	25	0	23.23	23.26	23.51	23.31	23.36	25	2
10	64QAM	25	12	23.29	23.27	23.41	23.17	23.32		
10	64QAM	25	25	23.25	23.12	23.45	23.19	23.38		
10	64QAM	50	0	23.14	23.16	23.35	23.25	23.25		
10	256QAM	1	0	21.45	21.46	21.56	21.35	21.48	23	4
10	256QAM	1	25	21.29	21.34	21.51	21.37	21.46		
10	256QAM	1	49	21.26	21.25	21.47	21.33	21.42		
10	256QAM	25	0	21.33	21.29	21.44	21.25	21.41	23	4
10	256QAM	25	12	21.21	21.11	21.32	21.16	21.33		
10	256QAM	25	25	21.11	21.14	21.27	21.11	21.29		
10	256QAM	50	0	21.04	21.04	21.24	21.09	21.18		
Channel				39675	40148	40620	41093	41565	Tune-up limit	MPR
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5	(dBm)	(dB)
5	QPSK	1	0	25.37	25.39	25.54	25.38	25.47	27.00	0
5	QPSK	1	12	25.22	25.27	25.44	25.26	25.43		
5	QPSK	1	24	25.15	25.21	25.39	25.19	25.29		
5	QPSK	12	0	25.20	25.27	25.38	25.21	25.32	27	0
5	QPSK	12	7	25.17	25.25	25.32	25.23	25.22		
5	QPSK	12	13	25.09	25.17	25.28	25.07	25.23		
5	QPSK	25	0	25.10	25.04	25.35	25.12	25.17		
5	16QAM	1	0	25.09	25.19	25.32	25.18	25.23	27	0
5	16QAM	1	12	25.15	25.00	25.27	25.05	25.22		
5	16QAM	1	24	25.07	25.02	25.25	25.04	25.16		
5	16QAM	12	0	24.22	24.35	24.43	24.28	24.41	26	1
5	16QAM	12	7	24.24	24.18	24.44	24.12	24.36		
5	16QAM	12	13	24.11	24.13	24.32	24.16	24.35		
5	16QAM	25	0	24.18	24.16	24.30	24.05	24.18		
5	64QAM	1	0	24.50	24.63	24.72	24.45	24.72	26	1
5	64QAM	1	12	24.46	24.43	24.68	24.39	24.60		
5	64QAM	1	24	24.45	24.41	24.58	24.42	24.53		
5	64QAM	12	0	23.24	23.31	23.46	23.31	23.31	25	2
5	64QAM	12	7	23.20	23.22	23.44	23.24	23.42		
5	64QAM	12	13	23.31	23.11	23.45	23.25	23.37		
5	64QAM	25	0	23.11	23.21	23.33	23.19	23.29		
5	256QAM	1	0	21.38	21.34	21.57	21.39	21.48	23	4
5	256QAM	1	12	21.33	21.36	21.50	21.28	21.49		
5	256QAM	1	24	21.23	21.29	21.49	21.37	21.39		
5	256QAM	12	0	21.34	21.29	21.40	21.28	21.32	23	4
5	256QAM	12	7	21.16	21.18	21.33	21.11	21.33		
5	256QAM	12	13	21.14	21.13	21.33	21.12	21.31		
5	256QAM	25	0	21.01	21.06	21.21	21.03	21.16		

Band 48 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	23.72	23.88	23.79	23.66	24	0
20	QPSK	1	49	23.56	23.76	23.61	23.54		
20	QPSK	1	99	23.56	23.65	23.58	23.60		
20	QPSK	50	0	23.64	23.74	23.57	23.53		
20	QPSK	50	24	23.48	23.66	23.49	23.50		
20	QPSK	50	50	23.49	23.49	23.45	23.37		
20	QPSK	100	0	23.52	23.68	23.59	23.48		
20	16QAM	1	0	23.67	23.84	23.73	23.52	24	0
20	16QAM	1	49	23.65	23.74	23.66	23.62		
20	16QAM	1	99	23.64	23.66	23.64	23.49		
20	16QAM	50	0	23.16	23.38	23.28	23.15	23.5	0.5
20	16QAM	50	24	23.12	23.25	23.23	23.08		
20	16QAM	50	50	23.09	23.14	23.14	23.10		
20	16QAM	100	0	23.27	23.44	23.36	23.13		
20	64QAM	1	0	23.14	23.36	23.23	23.13	23.5	0.5
20	64QAM	1	49	23.14	23.17	23.14	23.07		
20	64QAM	1	99	23.16	23.21	23.11	23.06		
20	64QAM	50	0	22.19	22.39	22.29	22.08	22.5	1.5
20	64QAM	50	24	22.18	22.24	22.25	22.16		
20	64QAM	50	50	22.16	22.15	22.15	22.08		
20	64QAM	100	0	22.26	22.35	22.30	22.18		
20	256QAM	1	0	20.01	20.20	20.01	19.94	20.5	3.5
20	256QAM	1	49	19.97	20.20	19.96	19.91		
20	256QAM	1	99	19.94	20.07	19.96	19.87		
20	256QAM	50	0	20.32	20.46	20.33	20.16	20.5	3.5
20	256QAM	50	24	20.30	20.36	20.33	20.14		
20	256QAM	50	50	20.22	20.28	20.25	20.18		
20	256QAM	100	0	20.43	20.34	20.40	20.34		
Channel				55315	55820	56160	56665	Tune-up limit	MPR
Frequency (MHz)				3557.5	3608	3642	3692.5	(dBm)	(dB)
15	QPSK	1	0	23.58	23.83	23.65	23.60	24	0
15	QPSK	1	37	23.49	23.62	23.51	23.42		
15	QPSK	1	74	23.52	23.51	23.50	23.51		
15	QPSK	36	0	23.54	23.69	23.49	23.42	24	0
15	QPSK	36	20	23.33	23.62	23.35	23.37		
15	QPSK	36	39	23.38	23.44	23.40	23.34		
15	QPSK	75	0	23.44	23.64	23.52	23.38		
15	16QAM	1	0	23.52	23.76	23.59	23.40	24	0
15	16QAM	1	37	23.51	23.60	23.62	23.51		
15	16QAM	1	74	23.59	23.51	23.50	23.45		
15	16QAM	36	0	23.05	23.31	23.14	23.01	23.5	0.5
15	16QAM	36	20	23.01	23.10	23.18	22.96		
15	16QAM	36	39	22.96	23.04	23.03	23.00		
15	16QAM	75	0	23.24	23.31	23.27	23.10		
15	64QAM	1	0	23.10	23.29	23.15	23.00	23.5	0.5
15	64QAM	1	37	23.04	23.12	23.06	22.98		
15	64QAM	1	74	23.02	23.13	23.01	22.99		
15	64QAM	36	0	22.07	22.24	22.16	21.97	22.5	1.5
15	64QAM	36	20	22.12	22.11	22.14	22.02		
15	64QAM	36	39	22.12	22.10	22.05	21.97		
15	64QAM	75	0	22.15	22.26	22.24	22.04		
15	256QAM	1	0	19.95	20.10	19.88	19.86	20.5	3.5
15	256QAM	1	37	19.91	20.13	19.92	19.78		
15	256QAM	1	74	19.85	19.93	19.86	19.76		
15	256QAM	36	0	20.23	20.38	20.29	20.11	20.5	3.5
15	256QAM	36	20	20.16	20.25	20.29	20.02		
15	256QAM	36	39	20.16	20.18	20.14	20.10		
15	256QAM	75	0	20.36	20.31	20.37	20.30		
Channel				55290	55815	56165	56690	Tune-up limit	MPR
Frequency (MHz)				3555	3607.5	3642.5	3695	(dBm)	(dB)
10	QPSK	1	0	23.65	23.74	23.67	23.61	24	0
10	QPSK	1	25	23.49	23.70	23.49	23.47		
10	QPSK	1	49	23.43	23.56	23.48	23.55		
10	QPSK	25	0	23.53	23.61	23.50	23.47	24	0
10	QPSK	25	12	23.40	23.54	23.45	23.42		
10	QPSK	25	25	23.45	23.37	23.31	23.27		
10	QPSK	50	0	23.40	23.62	23.53	23.44		
10	16QAM	1	0	23.59	23.80	23.65	23.46	24	0
10	16QAM	1	25	23.51	23.64	23.62	23.47		
10	16QAM	1	49	23.54	23.56	23.60	23.42		
10	16QAM	25	0	23.08	23.32	23.14	23.07	23.5	0.5
10	16QAM	25	12	23.05	23.19	23.08	23.04		
10	16QAM	25	25	23.01	22.99	23.04	23.03		
10	16QAM	50	0	23.12	23.35	23.27	23.09		
10	64QAM	1	0	23.00	23.29	23.14	22.99	23.5	0.5
10	64QAM	1	25	23.07	23.06	23.10	23.03		
10	64QAM	1	49	23.10	23.06	22.98	22.97		
10	64QAM	25	0	22.12	22.30	22.21	22.00	22.5	1.5
10	64QAM	25	12	22.06	22.12	22.16	22.13		
10	64QAM	25	25	22.13	22.11	22.06	21.93		
10	64QAM	50	0	22.20	22.25	22.20	22.15		
10	256QAM	1	0	19.87	20.05	19.92	19.84	20.5	3.5
10	256QAM	1	25	19.86	20.07	19.91	19.87		
10	256QAM	1	49	19.87	19.93	19.89	19.84		
10	256QAM	25	0	20.20	20.37	20.22	20.04	20.5	3.5
10	256QAM	25	12	20.18	20.30	20.24	20.07		
10	256QAM	25	25	20.17	20.17	20.17	20.07		
10	256QAM	50	0	20.31	20.40	20.32	20.29		
Channel				55265	55810	56170	56715	Tune-up limit	MPR
Frequency (MHz)				3552.5	3607	3643	3697.5	(dBm)	(dB)
5	QPSK	1	0	23.67	23.77	23.68	23.54	24	0
5	QPSK	1	12	23.43	23.69	23.50	23.45		
5	QPSK	1	24	23.53	23.59	23.55	23.55		
5	QPSK	12	0	23.56	23.71	23.48	23.45	24	0
5	QPSK	12	7	23.44	23.60	23.38	23.36		
5	QPSK	12	13	23.41	23.35	23.31	23.29		
5	QPSK	25	0	23.44	23.59	23.45	23.43		
5	16QAM	1	0	23.53	23.73	23.69	23.49	24	0
5	16QAM	1	12	23.53	23.66	23.57	23.55		
5	16QAM	1	24	23.55	23.61	23.49	23.40		
5	16QAM	12	0	23.02	23.29	23.24	23.00	23.5	0.5
5	16QAM	12	7	22.99	23.15	23.16	23.01		
5	16QAM	12	13	23.04	23.05	23.10	23.01		
5	16QAM	25	0	23.13	23.30	23.30	23.00		
5	64QAM	1	0	23.02	23.32	23.19	23.06	23.5	0.5
5	64QAM	1	12	23.03	23.08	23.04	22.97		
5	64QAM	1	24	23.09	23.17	23.08	22.98		
5	64QAM	12	0	22.05	22.28	22.17	22.03	22.5	1.5
5	64QAM	12	7	22.14	22.17	22.21	22.11		
5	64QAM	12	13	22.04	22.07	22.06	22.02		
5	64QAM	25	0	22.21	22.26	22.26	22.13		
5	256QAM	1	0	19.91	20.05	19.93	19.84	20.5	3.5
5	256QAM	1	12	19.84	20.17	19.89	19.81		
5	256QAM	1	24	19.80	19.98	19.89	19.77		
5	256QAM	12	0	20.27	20.37	20.19	20.08	20.5	3.5
5	256QAM	12	7	20.21	20.23	20.28	20.07		
5	256QAM	12	13	20.13	20.19	20.21	20.04		
5	256QAM	25	0	20.32	20.47	20.36	20.30		

GSM1900 Ant2

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	28.25	28.33	28.19	29.00	19.25	19.33	19.19	20.00
GPRS 1 Tx slot	28.23	28.28	28.13	29.00	19.23	19.28	19.13	20.00
GPRS 2 Tx slots	25.46	25.53	25.40	26.50	19.46	19.53	19.40	20.50
GPRS 3 Tx slots	23.98	24.13	24.00	25.00	19.72	19.87	19.74	20.74
GPRS 4 Tx slots	21.95	22.09	21.96	23.00	18.95	19.09	18.96	20.00
EDGE 1 Tx slot	23.59	23.64	23.61	24.50	14.59	14.64	14.61	15.50
EDGE 2 Tx slots	21.96	22.03	21.92	23.00	15.96	16.03	15.92	17.00
EDGE 3 Tx slots	20.78	20.85	20.70	21.50	16.52	16.59	16.44	17.24
EDGE 4 Tx slots	18.71	18.74	18.68	19.50	15.71	15.74	15.68	16.50

WCDMA II Ant2

Band		WCDMA II			Tune-up Limit (dBm)	WCDMA IV Ant2 WCDMA IV			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	21.50	21.55	21.46	23.00	21.42	21.44	21.37	23.00
3GPP Rel 99	RMC 12.2Kbps	21.54	21.59	21.49	23.00	21.47	21.53	21.44	23.00
3GPP Rel 6	HSDPA Subtest-1	20.63	20.74	20.40	22.00	20.57	20.66	20.52	22.00
3GPP Rel 6	HSDPA Subtest-2	20.56	20.65	20.53	22.00	20.47	20.61	20.43	22.00
3GPP Rel 6	HSDPA Subtest-3	20.01	20.17	20.04	21.50	19.91	20.04	19.95	21.50
3GPP Rel 6	HSDPA Subtest-4	20.02	20.16	20.09	21.50	19.98	20.06	20.05	21.50
3GPP Rel 8	DC-HSDPA Subtest-1	20.55	20.73	20.51	22.00	20.46	20.58	20.39	22.00
3GPP Rel 8	DC-HSDPA Subtest-2	20.34	20.41	20.40	22.00	20.29	20.37	20.31	22.00
3GPP Rel 8	DC-HSDPA Subtest-3	19.86	19.98	19.94	21.50	19.80	19.87	19.83	21.50
3GPP Rel 8	DC-HSDPA Subtest-4	19.93	19.96	19.89	21.50	19.78	19.90	19.84	21.50
3GPP Rel 6	HSUPA Subtest-1	20.59	20.72	20.71	22.00	20.49	20.65	20.60	22.00
3GPP Rel 6	HSUPA Subtest-2	18.59	18.60	18.45	20.00	18.46	18.49	18.39	20.00
3GPP Rel 6	HSUPA Subtest-3	19.58	19.62	19.60	21.00	19.49	19.51	19.48	21.00
3GPP Rel 6	HSUPA Subtest-4	18.43	18.57	18.41	20.00	18.38	18.44	18.33	20.00
3GPP Rel 6	HSUPA Subtest-5	20.60	20.62	20.58	22.00	20.46	20.53	20.49	22.00

Band 2 Ant2

BW [MHz]	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	21.12	21.24	21.07	22	0
20	QPSK	1	49	21.00	21.06	20.92		
20	QPSK	1	99	20.95	21.04	20.92		
20	QPSK	50	0	21.06	21.20	21.10		
20	QPSK	50	24	20.94	21.02	20.99	22	0
20	QPSK	50	50	20.88	21.01	20.96		
20	QPSK	100	0	21.01	21.12	21.03		
20	16QAM	1	0	21.06	21.17	21.06		
20	16QAM	1	49	20.94	21.03	20.99	22	0
20	16QAM	1	99	20.90	20.99	20.93		
20	16QAM	50	0	20.95	21.07	20.97		
20	16QAM	50	24	20.80	20.90	20.94	22	0
20	16QAM	50	50	20.76	20.88	20.81		
20	16QAM	100	0	20.90	21.09	20.90		
20	64QAM	1	0	20.97	21.18	21.10		
20	64QAM	1	49	21.01	21.07	21.02	22	0
20	64QAM	1	99	20.93	21.04	20.96		
20	64QAM	50	0	19.87	19.97	19.84		
20	64QAM	50	24	19.79	19.80	19.73	21	1
20	64QAM	50	50	19.71	19.74	19.75		
20	64QAM	100	0	19.90	19.94	19.98		
20	256QAM	1	0	18.07	18.24	18.07		
20	256QAM	1	49	18.05	18.20	17.99	19	3
20	256QAM	1	99	18.02	18.08	18.02		
20	256QAM	50	0	18.01	18.11	17.98		
20	256QAM	50	24	17.86	17.96	17.86	19	3
20	256QAM	50	50	17.86	17.95	17.86		
20	256QAM	100	0	17.82	17.99	17.90		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	21.01	21.18	20.92	22	0
15	QPSK	1	37	20.92	20.99	20.84		
15	QPSK	1	74	20.84	20.98	20.82		
15	QPSK	36	0	20.97	21.06	21.06		
15	QPSK	36	20	20.79	20.97	20.94		
15	QPSK	36	39	20.81	20.92	20.85		
15	QPSK	75	0	20.96	21.07	20.97		
15	16QAM	1	0	21.01	21.04	20.92		
15	16QAM	1	37	20.90	20.93	20.86	22	0
15	16QAM	1	74	20.77	20.90	20.82		
15	16QAM	36	0	20.80	20.98	20.92		
15	16QAM	36	20	20.77	20.87	20.88	22	0
15	16QAM	36	39	20.61	20.79	20.69		
15	16QAM	75	0	20.76	20.99	20.82		
15	64QAM	1	0	20.86	21.07	21.04		
15	64QAM	1	37	20.88	20.99	20.95	22	0
15	64QAM	1	74	20.85	20.99	20.86		
15	64QAM	36	0	19.82	19.89	19.78		
15	64QAM	36	20	19.64	19.74	19.66	21	1
15	64QAM	36	39	19.59	19.63	19.64		
15	64QAM	75	0	19.77	19.86	19.86		
15	256QAM	1	0	18.00	18.10	18.00		
15	256QAM	1	37	18.00	18.14	17.88	19	3
15	256QAM	1	74	17.96	17.99	17.92		
15	256QAM	36	0	17.93	18.00	17.88		
15	256QAM	36	20	17.71	17.91	17.82	19	3
15	256QAM	36	39	17.83	17.91	17.82		
15	256QAM	75	0	17.77	17.92	17.86		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	20.98	21.15	20.99	22	0
10	QPSK	1	25	20.97	21.02	20.85		
10	QPSK	1	49	20.79	20.99	20.86		
10	QPSK	25	0	21.00	21.10	20.96		
10	QPSK	25	12	20.86	20.92	20.85	22	0
10	QPSK	25	25	20.82	20.86	20.91		
10	QPSK	50	0	20.86	21.02	20.88		
10	16QAM	1	0	21.03	21.08	20.97		
10	16QAM	1	25	20.88	20.90	20.91	22	0
10	16QAM	1	49	20.77	20.86	20.85		
10	16QAM	25	0	20.84	20.93	20.94		
10	16QAM	25	12	20.77	20.86	20.86	22	0
10	16QAM	25	25	20.65	20.75	20.78		
10	16QAM	50	0	20.81	20.96	20.77		
10	64QAM	1	0	20.90	21.14	21.06		
10	64QAM	1	25	20.89	20.99	20.99	22	0
10	64QAM	1	49	20.89	20.94	20.83		
10	64QAM	25	0	19.80	19.89	19.73		
10	64QAM	25	12	19.67	19.76	19.59	21	1
10	64QAM	25	25	19.62	19.71	19.62		
10	64QAM	50	0	19.85	19.86	19.85		
10	256QAM	1	0	18.02	18.19	17.98		
10	256QAM	1	25	17.99	18.11	17.87	19	3
10	256QAM	1	49	17.94	18.01	17.97		
10	256QAM	25	0	17.96	18.06	17.83		
10	256QAM	25	12	17.78	17.88	17.81	19	3
10	256QAM	25	25	17.81	17.85	17.80		
10	256QAM	50	0	17.72	17.95	17.76		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	21.06	21.11	20.97	22	0
5	QPSK	1	12	20.93	20.94	20.85		
5	QPSK	1	24	20.77	20.89	20.85		
5	QPSK	12	0	21.02	21.09	21.02	22	0
5	QPSK	12	7	20.84	20.94	20.86		
5	QPSK	12	13	20.79	20.93	20.83		
5	QPSK	25	0	20.95	21.07	20.94		
5	16QAM	1	0	20.93	21.12	21.03	22	0
5	16QAM	1	12	20.86	20.92	20.92		
5	16QAM	1	24	20.76	20.95	20.86		
5	16QAM	12	0	20.81	20.96	20.85	22	0
5	16QAM	12	7	20.72	20.87	20.80		
5	16QAM	12	13	20.69	20.81	20.74		
5	16QAM	25	0	20.82	20.95	20.79		
5	64QAM	1	0	20.86	21.09	21.02	22	0
5	64QAM	1	12	20.98	20.92	20.94		
5	64QAM	1	24	20.82	20.92	20.91		
5	64QAM	12	0	19.74	19.83	19.75	21	1
5	64QAM	12	7	19.68	19.76	19.60		
5	64QAM	12	13	19.63	19.63	19.68		
5	64QAM	25	0	19.80	19.86	19.85		
5	256QAM	1	0	18.00	18.15	17.94		
5	256QAM	1	12	18.01	18.16	17.92	19	3
5	256QAM	1	24	17.93	17.96	17.91		
5	256QAM	12	0	17.92	18.03	17.86		
5	256QAM	12	7	17.80	17.92	17.81	19	3
5	256QAM	12	13	17.75	17.80	17.79		
5	256QAM	25	0	17.71	17.88	17.82		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	20.98	21.14	20.96	22	0
3	QPSK	1	8	20.95	20.91	20.88		
3	QPSK	1	14	20.85	20.99	20.84		
3	QPSK	8	0	20.94	21.15	20.98		
3	QPSK	8	4	20.83	20.89	20.89	22	0
3	QPSK	8	7	20.78	20.96	20.87		
3	QPSK	15	0	20.88	21.00	20.90		
3	16QAM	1	0	20.99	21.08	20.95		
3	16QAM	1	8	20.83	20.93	20.92	22	0
3	16QAM	1	14	20.86	20.90	20.89		
3	16QAM	8	0	20.91	21.02	20.84		
3	16QAM	8	4	20.76	20.75	20.84	22	0
3	16QAM	8	7	20.63	20.74	20.69		
3	16QAM	15	0	20.79	20.95	20.83		
3	64QAM	1	0	20.93	21.06	21.05		
3	64QAM	1	8	20.96	20.93	20.92	22	0
3	64QAM	1	14	20.89	20.93	20.91		
3	64QAM	8	0	19.81	19.88	19.74		
3	64QAM	8	4	19.74	19.71	19.62	21	1
3	64QAM	8	7	19.59	19.67	19.62		
3	64QAM	15	0	19.78	19.85	19.94		
3	256QAM	1	0	18.00	18.12	17.99		
3	256QAM	1	8	18.00	18.13	17.89	19	3
3	256QAM	1	14	17.93	17.98	17.95		
3	256QAM	8	0	17.92	18.07	17.94		
3	256QAM	8	4	17.78	17.82	17.76	19	3
3	256QAM	8	7	17.82	17.90	17.80		
3	256QAM	15	0	17.76	17.91	17.82		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	21.03	21.16	20.96	22	0
1.4	QPSK	1	3	20.93	20.96	20.85		
1.4	QPSK	1	5	20.81	20.95	20.86		
1.4	QPSK	3	0	20.98	21.10	21.07		
1.4	QPSK	3	1	20.91	20.96	20.91		
1.4	QPSK	3	3	20.74	20.96	20.87		
1.4	QPSK	6	0	20.97	20.97	20.91	22	0
1.4	16QAM	1	0	21.00	21.05	20.97		
1.4	16QAM	1	3	20.81	20.88	20.92		
1.4	16QAM	1	5	20.83	20.89	20.87	22	0
1.4	16QAM	3	0	20.86	20.92	20.85		
1.4	16QAM	3	1	20.69	20.87	20.86		
1.4	16QAM	3	3	20.70	20.82	20.70		
1.4	16QAM	6	0	20.75	20.96	20.83	22	0
1.4	64QAM	1	0	20.85	21.05	20.96		
1.4	64QAM	1	3	20.94	20.93	20.93		
1.4	64QAM	1	5	20.89	20.93	20.84	22	0
1.4	64QAM	3	0	20.85	20.95	20.86		
1.4	64QAM	3	1	20.89	21.12	21.01		
1.4	64QAM	3	3	20.95	21.01	20.90		
1.4	64QAM	6	0	19.83	19.88	19.72	21	1
1.4	256QAM	1	0	17.95	18.10	17.93		
1.4	256QAM	1	3	17.95	18.18	17.89	19	3
1.4	256QAM	1	5	17.92	17.97	17.97		
1.4	256QAM	3	0	17.97	17.96	17.84		
1.4	256QAM	3	1	17.83	17.91	17.72		
1.4	256QAM	3	3	17.81	17.89	17.77		
1.4	256QAM	6	0	17.71	17.92	17.78	19	3

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	21.16	21.30	21.12	22	0
20	QPSK	1	49	20.99	21.11	20.94		
20	QPSK	1	99	20.98	21.04	20.88		
20	QPSK	50	0	21.06	21.19	21.02		
20	QPSK	50	24	21.00	21.10	20.99	22	0
20	QPSK	50	50	20.98	20.97	20.94		
20	QPSK	100	0	21.02	21.16	21.06		
20	16QAM	1	0	21.08	21.26	21.10		
20	16QAM	1	49	21.03	21.17	21.02	22	0
20	16QAM	1	99	20.95	21.10	21.05		
20	16QAM	50	0	21.12	21.24	21.15		
20	16QAM	50	24	20.99	21.06	21.05	22	0
20	16QAM	50	50	20.96	21.05	20.97		
20	16QAM	100	0	21.06	21.21	21.05		
20	64QAM	1	0	21.01	21.21	21.06		
20	64QAM	1	49	21.03	21.08	21.02	22	0
20	64QAM	1	99	20.90	21.03	20.99		
20	64QAM	50	0	19.92	20.03	19.90		
20	64QAM	50	24	19.83	19.93	19.81	21	1
20	64QAM	50	50	19.82	19.79	19.75		
20	64QAM	100	0	19.87	19.94	19.95		
20	256QAM	1	0	18.06	18.26	18.17		
20	256QAM	1	49	18.03	18.26	18.10	19	3
20	256QAM	1	99	18.05	18.06	18.00		
20	256QAM	50	0	17.94	18.15	18.02		
20	256QAM	50	24	17.96	17.99	17.98	19	3
20	256QAM	50	50	17.87	17.97	17.86		
20	256QAM	100	0	17.92	18.05	17.89		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	21.01	21.25	20.98	22	0
15	QPSK	1	37	20.87	20.97	20.82		
15	QPSK	1	74	20.90	21.07	20.83		
15	QPSK	36	0	20.95	21.07	20.93		
15	QPSK	36	20	20.88	21.03	20.92	22	0
15	QPSK	36	39	20.81	20.91	20.84		
15	QPSK	75	0	20.92	21.07	20.99		
15	16QAM	1	0	20.94	21.15	21.03		
15	16QAM	1	37	21.00	21.03	20.94	22	0
15	16QAM	1	74	20.81	20.97	20.87		
15	16QAM	36	0	21.03	21.10	21.02		
15	16QAM	36	20	20.89	21.02	21.00	22	0
15	16QAM	36	39	20.83	21.01	20.94		
15	16QAM	75	0	20.92	21.06	20.98		
15	64QAM	1	0	20.96	21.14	20.91		
15	64QAM	1	37	20.95	21.04	20.94	22	0
15	64QAM	1	74	20.80	21.00	20.91		
15	64QAM	36	0	19.88	20.00	19.80		
15	64QAM	36	20	19.72	19.88	19.74	21	1
15	64QAM	36	39	19.74	19.66	19.60		
15	64QAM	75	0	19.75	19.80	19.87		
15	256QAM	1	0	18.00	18.17	18.03		
15	256QAM	1	37	17.94	18.16	18.07	19	3
15	256QAM	1	74	17.90	17.96	17.95		
15	256QAM	36	0	17.81	18.01	17.92		
15	256QAM	36	20	17.83	17.88	17.94	19	3
15	256QAM	36	39	17.80	17.92	17.80		
15	256QAM	75	0	17.80	17.96	17.79		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	21.02	21.16	21.04	22	0
10	QPSK	1	25	20.95	20.98	20.83		
10	QPSK	1	49	20.94	20.96	20.73		
10	QPSK	25	0	20.91	21.16	20.91		
10	QPSK	25	12	20.95	20.99	20.90	22	0
10	QPSK	25	25	20.82	20.86	20.80		
10	QPSK	50	0	20.91	21.12	20.92		
10	16QAM	1	0	21.01	21.16	20.99		
10	16QAM	1	25	20.93	21.10	20.98	22	0
10	16QAM	1	49	20.86	21.01	20.92		
10	16QAM	25	0	21.00	21.18	21.09		
10	16QAM	25	12	20.84	21.02	20.98	22	0
10	16QAM	25	25	20.82	20.99	20.89		
10	16QAM	50	0	20.93	21.06	21.02		
10	64QAM	1	0	20.99	21.15	20.98		
10	64QAM	1	25	20.97	21.01	20.88	22	0
10	64QAM	1	49	20.81	20.96	20.89		
10	64QAM	25	0	19.83	19.90	19.87		
10	64QAM	25	12	19.69	19.86	19.68	21	1
10	64QAM	25	25	19.74	19.64	19.69		
10	64QAM	50	0	19.76	19.86	19.82		
10	256QAM	1	0	18.03	18.16	18.05		
10	256QAM	1	25	17.89	18.18	18.04	19	3
10	256QAM	1	49	17.94	17.91	17.90		
10	256QAM	25	0	17.83	18.02	17.91		
10	256QAM	25	12	17.87	17.91	17.89	19	3
10	256QAM	25	25	17.78	17.90	17.82		
10	256QAM	50	0	17.81	17.95	17.85		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	21.04	21.24	21.03	22	0
5	QPSK	1	12	20.96	21.03	20.87		
5	QPSK	1	24	20.91	21.07	20.84		
5	QPSK	12	0	20.93	21.06	20.98		
5	QPSK	12	7	20.94	21.03	20.90	22	0
5	QPSK	12	13	20.94	20.87	20.86		
5	QPSK	25	0	20.92	21.08	20.93		
5	16QAM	1	0	21.04	21.17	21.04		
5	16QAM	1	12	20.93	21.10	20.91	22	0
5	16QAM	1	24	20.85	20.96	20.91		
5	16QAM	12	0	20.99	21.16	21.03		
5	16QAM	12	7	20.87	20.91	20.93	22	0
5	16QAM	12	13	20.89	20.94	20.83		
5	16QAM	25	0	20.91	21.13	20.93		
5	64QAM	1	0	20.99	21.06	20.97		
5	64QAM	1	12	20.97	20.96	20.94	22	0
5	64QAM	1	24	20.82	20.92	20.89		
5	64QAM	12	0	19.82	19.89	19.87		
5	64QAM	12	7	19.73	19.82	19.76	21	1
5	64QAM	12	13	19.74	19.73	19.67		
5	64QAM	25	0	19.75	19.84	19.82		
5	256QAM	1	0	18.00	18.18	18.11		
5	256QAM	1	12	17.88	18.18	18.04	19	3
5	256QAM	1	24	17.95	17.95	17.89		
5	256QAM	12	0	17.87	18.03	17.90		
5	256QAM	12	7	17.93	17.92	17.88	19	3
5	256QAM	12	13	17.82	17.84	17.79		
5	256QAM	25	0	17.86	18.01	17.74		
Channel				19925	20175	20425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	21.04	21.17	21.03	22	0
3	QPSK	1	8	20.87	21.01	20.80		
3	QPSK	1	14	20.90	21.06	20.81		
3	QPSK	8	0	21.00	21.15	20.91		
3	QPSK	8	4	20.90	21.02	20.87	22	0
3	QPSK	8	7	20.84	20.85	20.83		
3	QPSK	15	0	20.87	21.03	20.99		
3	16QAM	1	0	20.95	21.22	20.97		
3	16QAM	1	8	20.96	21.06	20.99	22	0
3	16QAM	1	14	20.90	21.01	21.00		
3	16QAM	8	0	21.03	21.20	21.04		
3	16QAM	8	4	20.89	20.96	20.94	22	0
3	16QAM	8	7	20.93	20.91	20.83		
3	16QAM	15	0	21.03	21.15	21.00		
3	64QAM	1	0	21.03	21.15	21.02		
3	64QAM	1	8	20.99	20.95	20.92	22	0
3	64QAM	1	14	20.80	20.97	20.85		
3	64QAM	8	0	19.79	19.95	19.78		
3	64QAM	8	4	19.79	19.82	19.78	21	1
3	64QAM	8	7	19.75	19.67	19.67		
3	64QAM	15	0	19.80	19.84	19.81		
3	256QAM	1	0	18.02	18.14	18.10		
3	256QAM	1	8	17.91	18.17	17.96	19	3
3	256QAM	1	14	17.99	17.94	17.97		
3	256QAM	8	0	17.81	18.00	17.91		
3	256QAM	8	4	17.88	17.93	17.90	19	3
3	256QAM	8	7	17.83	17.83	17.82		
3	256QAM	15	0	17.82	17.93	17.82		
Channel				19907	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	21.08	21.16	21.06	22	0
1.4	QPSK	1	3	20.94	21.02	20.90		
1.4	QPSK	1	5	20.84	21.05	20.78		
1.4	QPSK	3	0	20.95	21.10	20.91		
1.4	QPSK	3	1	20.94	20.97	20.87		
1.4	QPSK	3	3	20.95	20.83	20.87		
1.4	QPSK	6	0	20.90	21.10	20.95	22	0
1.4	16QAM	1	0	21.04	21.22	20.97		
1.4	16QAM	1	3	20.96	21.09	20.94		
1.4	16QAM	1	5	20.90	21.04	20.93	22	0
1.4	16QAM	3	0	21.03	21.12	21.02		
1.4	16QAM	3	1	20.88	21.00	20.97		
1.4	16QAM	3	3	20.83	20.93	20.89		
1.4	16QAM	6	0	20.98	21.17	20.92	22	0
1.4	64QAM	1	0	21.04	21.12	20.99		
1.4	64QAM	1	3	20.91	21.05	20.88		
1.4	64QAM	1	5	20.82	20.93	20.94	22	0
1.4	64QAM	3	0	20.95	21.08	20.95		
1.4	64QAM	3	1	21.05	21.11	20.93		
1.4	64QAM	3	3	20.98	20.96	20.98		
1.4	64QAM	6	0	19.70	19.90	19.73	21	1
1.4	256QAM	1	0	18.02	18.18	18.09		
1.4	256QAM	1	3	17.94	18.16	17.97		
1.4	256QAM	1	5	18.01	17.97	17.94	19	3
1.4	256QAM	3	0	17.84	18.11	17.95		
1.4	256QAM	3	1	17.93	17.94	17.92		
1.4	256QAM	3	3	17.75	17.92	17.82		
1.4	256QAM	6	0	17.88	17.90	17.82	19	3

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.11	22.16	22.07	23	0
10	QPSK	1	25	21.94	22.03	21.89		
10	QPSK	1	49	21.85	22.05	21.78		
10	QPSK	25	0	21.94	22.15	21.96		
10	QPSK	25	12	21.85	22.00	21.88	23	0
10	QPSK	25	25	21.93	21.86	21.84		
10	QPSK	50	0	21.97	22.06	21.95		
10	16QAM	1	0	21.97	22.14	22.07		
10	16QAM	1	25	21.93	22.14	21.92	23	0
10	16QAM	1	49	21.81	21.95	21.93		
10	16QAM	25	0	22.06	22.09	22.11		
10	16QAM	25	12	21.93	21.98	21.91	23	0
10	16QAM	25	25	21.84	22.01	21.85		
10	16QAM	50	0	21.98	22.07	22.00		
10	64QAM	1	0	21.97

Band 12 Ant2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	22.51	22.59	22.50	24	0
10	QPSK	1	25	22.40	22.42	22.31		
10	QPSK	1	49	22.26	22.40	22.18		
10	QPSK	25	0	22.40	22.55	22.40	24	0
10	QPSK	25	12	22.30	22.45	22.27		
10	QPSK	25	25	22.29	22.32	22.24		
10	QPSK	50	0	22.34	22.41	22.37		
10	16QAM	1	0	22.41	22.51	22.53	24	0
10	16QAM	1	25	22.39	22.52	22.38		
10	16QAM	1	49	22.18	22.40	22.39		
10	16QAM	25	0	22.51	22.52	22.54	24	0
10	16QAM	25	12	22.29	22.41	22.35		
10	16QAM	25	25	22.27	22.36	22.30		
10	16QAM	50	0	22.40	22.51	22.38		
10	64QAM	1	0	22.40	22.44	22.34	24	0
10	64QAM	1	25	22.39	22.41	22.32		
10	64QAM	1	49	22.14	22.41	22.29		
10	64QAM	25	0	21.24	21.36	21.17	22.5	1.5
10	64QAM	25	12	21.13	21.21	21.06		
10	64QAM	25	25	21.09	21.06	21.04		
10	64QAM	50	0	21.25	21.30	21.19		
10	256QAM	1	0	19.32	19.60	19.48	21	3
10	256QAM	1	25	19.35	19.58	19.51		
10	256QAM	1	49	19.34	19.36	19.43		
10	256QAM	25	0	19.24	19.45	19.44	21	3
10	256QAM	25	12	19.34	19.28	19.32		
10	256QAM	25	25	19.12	19.28	19.19		
10	256QAM	50	0	19.26	19.33	19.17		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.43	22.48	22.39	24	0
5	QPSK	1	12	22.33	22.28	22.20		
5	QPSK	1	24	22.14	22.40	22.04		
5	QPSK	12	0	22.29	22.50	22.37	24	0
5	QPSK	12	7	22.25	22.31	22.15		
5	QPSK	12	13	22.24	22.26	22.17		
5	QPSK	25	0	22.22	22.27	22.32		
5	16QAM	1	0	22.35	22.48	22.38	24	0
5	16QAM	1	12	22.25	22.45	22.27		
5	16QAM	1	24	22.08	22.30	22.33		
5	16QAM	12	0	22.47	22.43	22.51	24	0
5	16QAM	12	7	22.18	22.28	22.25		
5	16QAM	12	13	22.15	22.25	22.24		
5	16QAM	25	0	22.37	22.43	22.23		
5	64QAM	1	0	22.25	22.39	22.29	24	0
5	64QAM	1	12	22.29	22.37	22.28		
5	64QAM	1	24	22.05	22.32	22.21		
5	64QAM	12	0	21.17	21.31	21.05	22.5	1.5
5	64QAM	12	7	21.02	21.15	20.97		
5	64QAM	12	13	21.02	20.92	20.89		
5	64QAM	25	0	21.13	21.16	21.15		
5	256QAM	1	0	19.21	19.48	19.38	21	3
5	256QAM	1	12	19.20	19.48	19.48		
5	256QAM	1	24	19.25	19.28	19.33		
5	256QAM	12	0	19.11	19.35	19.38	21	3
5	256QAM	12	7	19.20	19.15	19.26		
5	256QAM	12	13	19.02	19.20	19.12		
5	256QAM	25	0	19.12	19.22	19.09		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.40	22.52	22.46	24	0
3	QPSK	1	8	22.33	22.37	22.26		
3	QPSK	1	14	22.11	22.43	22.08		
3	QPSK	8	0	22.32	22.48	22.29	24	0
3	QPSK	8	4	22.19	22.34	22.21		
3	QPSK	8	7	22.21	22.18	22.11		
3	QPSK	15	0	22.21	22.37	22.25		
3	16QAM	1	0	22.26	22.39	22.46	24	0
3	16QAM	1	8	22.31	22.38	22.32		
3	16QAM	1	14	22.05	22.26	22.32		
3	16QAM	8	0	22.37	22.41	22.40	24	0
3	16QAM	8	4	22.18	22.33	22.29		
3	16QAM	8	7	22.13	22.29	22.16		
3	16QAM	15	0	22.36	22.39	22.25		
3	64QAM	1	0	22.27	22.31	22.21	24	0
3	64QAM	1	8	22.34	22.38	22.28		
3	64QAM	1	14	22.06	22.28	22.20		
3	64QAM	8	0	21.12	21.27	21.02	22.5	1.5
3	64QAM	8	4	21.04	21.12	20.95		
3	64QAM	8	7	20.98	21.00	20.99		
3	64QAM	15	0	21.19	21.24	21.12		
3	256QAM	1	0	19.29	19.45	19.41	21	3
3	256QAM	1	8	19.27	19.51	19.37		
3	256QAM	1	14	19.24	19.31	19.35		
3	256QAM	8	0	19.10	19.31	19.36	21	3
3	256QAM	8	4	19.24	19.15	19.17		
3	256QAM	8	7	19.09	19.23	19.09		
3	256QAM	15	0	19.20	19.26	19.12		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.41	22.54	22.38	24	0
1.4	QPSK	1	3	22.30	22.28	22.27		
1.4	QPSK	1	5	22.20	22.42	22.04		
1.4	QPSK	3	0	22.34	22.50	22.28		
1.4	QPSK	3	1	22.20	22.39	22.23		
1.4	QPSK	3	3	22.17	22.20	22.20		
1.4	QPSK	6	0	22.23	22.34	22.32	24	0
1.4	16QAM	1	0	22.32	22.45	22.40	24	0
1.4	16QAM	1	3	22.28	22.47	22.25		
1.4	16QAM	1	5	22.04	22.37	22.33		
1.4	16QAM	3	0	22.47	22.47	22.40		
1.4	16QAM	3	1	22.25	22.31	22.25		
1.4	16QAM	3	3	22.17	22.32	22.26		
1.4	16QAM	6	0	22.26	22.43	22.35	24	0
1.4	64QAM	1	0	22.35	22.37	22.29	24	0
1.4	64QAM	1	3	22.25	22.29	22.26		
1.4	64QAM	1	5	22.01	22.33	22.19		
1.4	64QAM	3	0	22.38	22.38	22.40		
1.4	64QAM	3	1	22.16	22.32	22.22		
1.4	64QAM	3	3	22.15	22.29	22.21		
1.4	64QAM	6	0	21.19	21.29	21.11	22.5	1.5
1.4	256QAM	1	0	19.26	19.57	19.36	21	3
1.4	256QAM	1	3	19.22	19.55	19.47		
1.4	256QAM	1	5	19.26	19.22	19.35		
1.4	256QAM	3	0	19.10	19.34	19.30		
1.4	256QAM	3	1	19.21	19.18	19.19		
1.4	256QAM	3	3	19.08	19.20	19.14		
1.4	256QAM	6	0	19.17	19.23	19.09	21	3

Band 13 Ant2

BW [MHz]	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		22.53		24	0
10	QPSK	1	25		22.40			
10	QPSK	1	49		22.43			
10	QPSK	25	0		22.45		24	0
10	QPSK	25	12		22.35			
10	QPSK	25	25		22.26			
10	QPSK	50	0		22.32			
10	16QAM	1	0		22.48		24	0
10	16QAM	1	25		22.47			
10	16QAM	1	49		22.40			
10	16QAM	25	0		22.44		24	0
10	16QAM	25	12		22.35			
10	16QAM	25	25		22.26			
10	16QAM	50	0		22.45			
10	64QAM	1	0		22.38		24	0
10	64QAM	1	25		22.42			
10	64QAM	1	49		22.41			
10	64QAM	25	0		21.30		22.5	1.5
10	64QAM	25	12		21.20			
10	64QAM	25	25		21.04			
10	64QAM	50	0		21.26			
10	256QAM	1	0		19.60		21	3
10	256QAM	1	25		19.59			
10	256QAM	1	49		19.30			
10	256QAM	25	0		19.42		21	3
10	256QAM	25	12		19.26			
10	256QAM	25	25		19.24			
10	256QAM	50	0		19.28			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.47	22.50	22.44	24	0
5	QPSK	1	12	22.33	22.35	22.39		
5	QPSK	1	24	22.34	22.44	22.44		
5	QPSK	12	0	22.41	22.37	22.40	24	0
5	QPSK	12	7	22.25	22.26	22.28		
5	QPSK	12	13	22.23	22.21	22.21		
5	QPSK	25	0	22.22	22.30	22.30		
5	16QAM	1	0	22.42	22.46	22.43	24	0
5	16QAM	1	12	22.38	22.44	22.46		
5	16QAM	1	24	22.34	22.33	22.41		
5	16QAM	12	0	22.41	22.41	22.40	24	0
5	16QAM	12	7	22.31	22.33	22.31		
5	16QAM	12	13	22.17	22.25	22.19		
5	16QAM	25	0	22.41	22.47	22.46		
5	64QAM	1	0	22.31	22.30	22.29	24	0
5	64QAM	1	12	22.37	22.42	22.35		
5	64QAM	1	24	22.33	22.32	22.35		
5	64QAM	12	0	21.28	21.27	21.25	22.5	1.5
5	64QAM	12	7	21.11	21.20	21.17		
5	64QAM	12	13	20.96	20.97	21.01		
5	64QAM	25	0	21.17	21.25	21.28		
5	256QAM	1	0	19.52	19.51	19.53	21	3
5	256QAM	1	12	19.49	19.53	19.50		
5	256QAM	1	24	19.25	19.29	19.24		
5	256QAM	12	0	19.36	19.43	19.35	21	3
5	256QAM	12	7	19.22	19.24	19.26		
5	256QAM	12	13	19.17	19.20	19.17		
5	256QAM	25	0	19.27	19.18	19.30		

Band 14 Ant2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23330			
Frequency (MHz)					793			
10	QPSK	1	0		22.62		24	0
10	QPSK	1	25		22.47			
10	QPSK	1	49		22.51			
10	QPSK	25	0		22.50		24	0
10	QPSK	25	12		22.36			
10	QPSK	25	25		22.35			
10	QPSK	50	0		22.44			
10	16QAM	1	0		22.49		24	0
10	16QAM	1	25		22.48			
10	16QAM	1	49		22.49			
10	16QAM	25	0		22.52		24	0
10	16QAM	25	12		22.41			
10	16QAM	25	25		22.28			
10	16QAM	50	0		22.56			
10	64QAM	1	0		22.41		24	0
10	64QAM	1	25		22.49			
10	64QAM	1	49		22.45			
10	64QAM	25	0		21.32		22.5	1.5
10	64QAM	25	12		21.22			
10	64QAM	25	25		21.08			
10	64QAM	50	0		21.29			
10	256QAM	1	0		19.62		21	3
10	256QAM	1	25		19.68			
10	256QAM	1	49		19.31			
10	256QAM	25	0		19.48		21	3
10	256QAM	25	12		19.29			
10	256QAM	25	25		19.33			
10	256QAM	50	0		19.37			
Channel				23305	23330	23355	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	0	22.51	22.57	22.47	24	0
5	QPSK	1	12	22.32	22.33	22.36		
5	QPSK	1	24	22.45	22.42	22.46		
5	QPSK	12	0	22.39	22.43	22.41	24	0
5	QPSK	12	7	22.27	22.30	22.31		
5	QPSK	12	13	22.30	22.23	22.25		
5	QPSK	25	0	22.32	22.37	22.37		
5	16QAM	1	0	22.41	22.37	22.40	24	0
5	16QAM	1	12	22.39	22.38	22.39		
5	16QAM	1	24	22.44	22.44	22.41		
5	16QAM	12	0	22.43	22.48	22.49	24	0
5	16QAM	12	7	22.27	22.28	22.35		
5	16QAM	12	13	22.18	22.21	22.25		
5	16QAM	25	0	22.42	22.48	22.50		
5	64QAM	1	0	22.28	22.37	22.28	24	0
5	64QAM	1	12	22.41	22.40	22.45		
5	64QAM	1	24	22.38	22.41	22.39		
5	64QAM	12	0	21.21	21.27	21.20	22.5	1.5
5	64QAM	12	7	21.08	21.18	21.13		
5	64QAM	12	13	21.01	21.02	21.02		
5	64QAM	25	0	21.16	21.15	21.18		
5	256QAM	1	0	19.51	19.52	19.57	21	3
5	256QAM	1	12	19.64	19.60	19.58		
5	256QAM	1	24	19.21	19.16	19.27		
5	256QAM	12	0	19.44	19.33	19.34	21	3
5	256QAM	12	7	19.20	19.22	19.14		
5	256QAM	12	13	19.21	19.29	19.20		
5	256QAM	25	0	19.31	19.33	19.24		

Band 17 Ant2

BW [MHz]	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	22.45	22.48	22.41	24	0
10	QPSK	1	25	22.38	22.29	22.34		
10	QPSK	1	49	22.31	22.34	22.40		
10	QPSK	25	0	22.35	22.39	22.31	24	0
10	QPSK	25	12	22.18	22.24	22.23		
10	QPSK	25	25	22.21	22.23	22.17		
10	QPSK	50	0	22.29	22.31	22.24		
10	16QAM	1	0	22.30	22.35	22.32	24	0
10	16QAM	1	25	22.28	22.38	22.39		
10	16QAM	1	49	22.17	22.31	22.30		
10	16QAM	25	0	22.34	22.42	22.32	24	0
10	16QAM	25	12	22.32	22.22	22.31		
10	16QAM	25	25	22.13	22.10	22.08		
10	16QAM	50	0	22.36	22.41	22.43		
10	64QAM	1	0	22.27	22.30	22.32	24	0
10	64QAM	1	25	22.31	22.35	22.33		
10	64QAM	1	49	22.30	22.35	22.27		
10	64QAM	25	0	21.21	21.20	21.23	22.5	1.5
10	64QAM	25	12	21.05	21.11	21.05		
10	64QAM	25	25	20.89	20.96	20.98		
10	64QAM	50	0	21.21	21.13	21.12		
10	256QAM	1	0	19.46	19.48	19.43	21	3
10	256QAM	1	25	19.60	19.57	19.50		
10	256QAM	1	49	19.23	19.32	19.27		
10	256QAM	25	0	19.33	19.30	19.34	21	3
10	256QAM	25	12	19.10	19.20	19.21		
10	256QAM	25	25	19.14	19.16	19.20		
10	256QAM	50	0	19.19	19.17	19.28		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.39	22.45	22.29	24	0
5	QPSK	1	12	22.34	22.16	22.20		
5	QPSK	1	24	22.17	22.26	22.32		
5	QPSK	12	0	22.27	22.28	22.17	24	0
5	QPSK	12	7	22.08	22.12	22.12		
5	QPSK	12	13	22.16	22.15	22.04		
5	QPSK	25	0	22.20	22.21	22.14		
5	16QAM	1	0	22.21	22.26	22.18	24	0
5	16QAM	1	12	22.28	22.25	22.27		
5	16QAM	1	24	22.27	22.24	22.28		
5	16QAM	12	0	22.25	22.28	22.23	24	0
5	16QAM	12	7	22.19	22.12	22.24		
5	16QAM	12	13	22.08	22.01	22.01		
5	16QAM	25	0	22.21	22.34	22.31		
5	64QAM	1	0	22.22	22.19	22.19	24	0
5	64QAM	1	12	22.24	22.29	22.25		
5	64QAM	1	24	22.27	22.23	22.18		
5	64QAM	12	0	21.14	21.08	21.11	22.5	1.5
5	64QAM	12	7	20.99	21.00	20.95		
5	64QAM	12	13	20.83	20.84	20.85		
5	64QAM	25	0	21.12	21.00	20.99		
5	256QAM	1	0	19.33	19.39	19.36	21	3
5	256QAM	1	12	19.53	19.47	19.35		
5	256QAM	1	24	19.09	19.19	19.24		
5	256QAM	12	0	19.26	19.21	19.24	21	3
5	256QAM	12	7	19.06	19.12	19.10		
5	256QAM	12	13	19.07	19.06	19.06		
5	256QAM	25	0	19.08	19.04	19.19		

Band 25 Ant2

BW [MHz]	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	23.18	23.35	23.31		
20	QPSK	1	49	22.99	23.26	23.19	24	0
20	QPSK	1	99	22.00	23.14	23.03		
20	QPSK	50	0	23.16	23.29	23.19		
20	QPSK	50	24	23.13	23.18	23.14	24	0
20	QPSK	50	50	23.01	23.06	23.05		
20	QPSK	100	0	23.11	23.22	23.15		
20	16QAM	1	0	23.13	23.27	23.14		
20	16QAM	1	49	23.06	23.14	23.07	24	0
20	16QAM	1	99	22.99	23.09	23.07		
20	16QAM	50	0	22.85	23.04	22.94		
20	16QAM	50	24	22.84	22.89	22.90	24	0
20	16QAM	50	50	22.77	22.84	22.82		
20	16QAM	100	0	22.94	23.16	23.01		
20	64QAM	1	0	22.96	23.15	22.96		
20	64QAM	1	49	22.98	23.02	22.90	24	0
20	64QAM	1	99	22.88	23.00	22.90		
20	64QAM	50	0	22.00	22.14	22.05		
20	64QAM	50	24	21.93	22.04	21.97	23	1
20	64QAM	50	50	21.82	21.93	21.85		
20	64QAM	100	0	22.06	22.05	22.03		
20	256QAM	1	0	19.94	20.16	20.00		
20	256QAM	1	49	19.98	20.16	20.02	21	3
20	256QAM	1	99	19.89	19.93	19.97		
20	256QAM	50	0	20.01	20.13	20.01		
20	256QAM	50	24	19.96	19.98	19.97	21	3
20	256QAM	50	50	19.82	19.94	19.87		
20	256QAM	100	0	19.96	20.09	19.92		
Channel				26115	26340	26565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	23.07	23.26	23.17		
15	QPSK	1	37	22.91	23.15	23.04	24	0
15	QPSK	1	74	22.91	23.09	23.00		
15	QPSK	36	0	23.02	23.16	23.14		
15	QPSK	36	20	23.07	23.05	23.07	24	0
15	QPSK	36	39	22.90	23.01	23.01		
15	QPSK	75	0	23.06	23.14	23.00		
15	16QAM	1	0	22.98	23.12	23.03		
15	16QAM	1	37	22.96	23.04	22.94	24	0
15	16QAM	1	74	22.91	22.99	22.94		
15	16QAM	36	0	22.70	22.95	22.90		
15	16QAM	36	20	22.79	22.79	22.83	24	0
15	16QAM	36	39	22.69	22.76	22.78		
15	16QAM	75	0	22.90	23.13	22.90		
15	64QAM	1	0	22.87	23.04	22.91		
15	64QAM	1	37	22.92	22.91	22.83	24	0
15	64QAM	1	74	22.76	22.97	22.78		
15	64QAM	36	0	21.89	22.07	22.02		
15	64QAM	36	20	21.79	21.82	21.91	23	1
15	64QAM	36	39	21.70	21.79	21.71		
15	64QAM	75	0	22.02	22.01	21.90		
15	256QAM	1	0	19.84	20.02	19.92		
15	256QAM	1	37	19.91	20.10	19.96	21	3
15	256QAM	1	74	19.77	19.78	19.91		
15	256QAM	36	0	19.97	20.03	19.94		
15	256QAM	36	20	19.91	19.92	19.92	21	3
15	256QAM	36	39	19.72	19.80	19.75		
15	256QAM	75	0	19.89	19.97	19.78		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	23.12	23.31	23.16		
10	QPSK	1	25	22.87	23.15	23.09	24	0
10	QPSK	1	49	22.90	23.00	23.00		
10	QPSK	25	0	23.07	23.23	23.06		
10	QPSK	25	12	23.03	23.05	23.07	24	0
10	QPSK	25	25	22.94	22.95	22.92		
10	QPSK	50	0	22.97	23.18	23.04		
10	16QAM	1	0	23.06	23.14	23.07		
10	16QAM	1	25	22.91	23.10	22.92	24	0
10	16QAM	1	49	22.85	23.04	23.03		
10	16QAM	25	0	22.78	22.96	22.87		
10	16QAM	25	12	22.81	22.85	22.84	24	0
10	16QAM	25	25	22.70	22.81	22.76		
10	16QAM	50	0	22.81	23.03	22.92		
10	64QAM	1	0	22.84	23.02	22.84		
10	64QAM	1	25	22.85	22.91	22.79	24	0
10	64QAM	1	49	22.85	22.94	22.81		
10	64QAM	25	0	21.89	22.10	22.02		
10	64QAM	25	12	21.84	21.92	21.86	23	1
10	64QAM	25	25	21.77	21.83	21.77		
10	64QAM	50	0	21.97	21.98	21.94		
10	256QAM	1	0	19.91	20.02	19.90		
10	256QAM	1	25	19.92	20.07	19.91	21	3
10	256QAM	1	49	19.82	19.82	19.86		
10	256QAM	25	0	19.88	20.08	19.87		
10	256QAM	25	12	19.86	19.92	19.88	21	3
10	256QAM	25	25	19.77	19.89	19.76		
10	256QAM	50	0	19.83	20.02	19.87		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	23.12	23.29	23.21		
5	QPSK	1	12	22.90	23.17	23.11	24	0
5	QPSK	1	24	22.88	23.02	23.00		
5	QPSK	12	0	23.12	23.15	23.13		
5	QPSK	12	7	23.07	23.10	23.07	24	0
5	QPSK	12	13	22.90	22.92	23.01		
5	QPSK	25	0	22.98	23.12	23.08		
5	16QAM	1	0	23.07	23.13	23.02		
5	16QAM	1	12	22.97	22.99	22.95	24	0
5	16QAM	1	24	22.91	22.98	23.03		
5	16QAM	12	0	22.81	22.92	22.87		
5	16QAM	12	7	22.74	22.85	22.78	24	0
5	16QAM	12	13	22.74	22.74	22.72		
5	16QAM	25	0	22.81	23.08	22.94		
5	64QAM	1	0	22.90	23.11	22.90		
5	64QAM	1	12	22.92	22.93	22.76	24	0
5	64QAM	1	24	22.73	22.95	22.83		
5	64QAM	12	0	21.87	22.02	22.01		
5	64QAM	12	7	21.88	21.99	21.85	23	1
5	64QAM	12	13	21.68	21.86	21.76		
5	64QAM	25	0	21.92	21.91	21.97		
5	256QAM	1	0	19.81	20.06	19.86		
5	256QAM	1	12	19.85	20.09	19.89	21	3
5	256QAM	1	24	19.75	19.78	19.91		
5	256QAM	12	0	19.86	19.99	19.90		
5	256QAM	12	7	19.88	19.89	19.88	21	3
5	256QAM	12	13	19.71	19.91	19.80		
5	256QAM	25	0	19.83	19.99	19.82		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	23.10	23.25	23.22		
3	QPSK	1	8	22.89	23.17	23.13	24	0
3	QPSK	1	14	22.97	23.04	22.90		
3	QPSK	8	0	23.11	23.15	23.12		
3	QPSK	8	4	23.10	23.10	23.10	24	0
3	QPSK	8	7	22.94	22.91	22.93		
3	QPSK	15	0	23.02	23.12	23.11		
3	16QAM	1	0	23.04	23.14	23.11		
3	16QAM	1	8	23.01	23.08	22.94	24	0
3	16QAM	1	14	22.85	22.97	22.96		
3	16QAM	8	0	22.80	22.93	22.79		
3	16QAM	8	4	22.73	22.80	22.76	24	0
3	16QAM	8	7	22.68	22.79	22.70		
3	16QAM	15	0	22.90	23.03	22.93		
3	64QAM	1	0	22.87	23.09	22.91		
3	64QAM	1	8	22.94	22.94	22.86	24	0
3	64QAM	1	14	22.78	22.86	22.82		
3	64QAM	8	0	21.91	22.08	21.94		
3	64QAM	8	4	21.82	21.90	21.91	23	1
3	64QAM	8	7	21.74	21.82	21.74		
3	64QAM	15	0	21.98	22.01	21.89		
3	256QAM	1	0	19.84	20.05	19.89		
3	256QAM	1	8	19.91	20.11	19.88	21	3
3	256QAM	1	14	19.84	19.83	19.85		
3	256QAM	8	0	19.91	20.03	19.89		
3	256QAM	8	4	19.90	19.88	19.85	21	3
3	256QAM	8	7	19.79	19.88	19.79		
3	256QAM	15	0	19.89	20.00	19.77		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	23.15	23.23	23.23		
1.4	QPSK	1	3	22.88	23.17	23.14		
1.4	QPSK	1	5	22.93	22.99	22.89	24	0
1.4	QPSK	3	0	23.02	23.21	23.07		
1.4	QPSK	3	1	23.03	23.08	22.99		
1.4	QPSK	3	3	22.87	22.93	22.98		
1.4	QPSK	6	0	22.99	23.07	23.06	24	0
1.4	16QAM	1	0	22.99	23.15	23.01		
1.4	16QAM	1	3	22.99	23.07	23.02		
1.4	16QAM	1	5	22.85	23.02	23.00	24	0
1.4	16QAM	3	0	22.80	22.96	22.89		
1.4	16QAM	3	1	22.72	22.82	22.81		
1.4	16QAM	3	3	22.68	22.81	22.73		
1.4	16QAM	6	0	22.84	23.03	22.97	24	0
1.4	64QAM	1	0	22.83	23.03	22.85		
1.4	64QAM	1	3	22.87	22.97	22.82		
1.4	64QAM	1	5	22.77	22.96	22.85	24	0
1.4	64QAM	3	0	22.81	22.92	22.88		
1.4	64QAM	3	1	22.75	22.80	22.82		
1.4	64QAM	3	3	22.67	22.71	22.72		
1.4	64QAM	6	0	21.97	22.01	21.98	23	1
1.4	256QAM	1	0	19.82	20.03	19.95		
1.4	256QAM	1	3	19.93	20.12	19.88		
1.4	256QAM	1	5	19.84	19.88	19.89	21	3
1.4	256QAM	3	0	19.95	20.08	19.96		
1.4	256QAM	3	1	19.92	19.89	19.85		
1.4	256QAM	3	3	19.72	19.84	19.75		
1.4	256QAM	6	0	19.93	19.94	19.79	21	3

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	22.20	22.24	22.17		
15	QPSK	1	37	22.18	22.07	22.14	23	0
15	QPSK	1	74	22.03	22.10	22.05		
15	QPSK	36	0	22.16	22.20	22.05		
15	QPSK	36	20	21.94	21.95	21.99	23	0
15	QPSK	36	39	21.92	21.94	21.91		
15	QPSK	75	0	22.09	22.05	22.02		
15	16QAM	1	0	22.09	22.08	22.10		
15	16QAM	1	37	22.09	22.18	22.18	23	0
15	16QAM	1	74	21.99	22.01	22.10		
15	16QAM	36	0	22.06	22.19	22.06		
15	16QAM	36	20	22.02	22.02	22.06	23	0
15	16QAM	36	39	21.88	21.91	21.87		
15	16QAM	75	0	22.06	22.12	22.04		
15	64QAM	1	0	21.97	22.02	22.07		
15	64QAM	1	37	22.09	22.09	22.04	23	0
15	64QAM	1	74	22.05	22.17	22.05		
15	64QAM	36	0	20.94	21.00	20.97		
15	64QAM	36	20	20.76	20.88	20.87	22	1
15	64QAM	36	39	20.65	20.78	20.80		
15	64QAM	75	0	20.86	20.93	20.78		
15	256QAM	1	0	19.22	19.23	19.24		
15	256QAM	1	37	19.38	19.35	19.25	20	3
15	256QAM	1	74	19.11	19.14	19.06		
15	256QAM	36	0	19.14	19.08	19.14		
15	256QAM	36	20	18.91	18.99	19.02	20	3
15	256QAM	36	39	18.88	18.97	18.99		
15	256QAM	75	0	18.98	18.93	19.05		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.14	22.20	22.10		
10	QPSK	1	25	22.12	22.03	22.08	23	0
10	QPSK	1	49	21.90	21.98	21.99		
10	QPSK	25	0	22.12	22.12	21.96		
10	QPSK	25	12	21.86	21.92	21.90	23	0
10	QPSK	25	25	21.83	21.84	21.84		
10	QPSK	50	0	21.94	21.95	21.92		
10	16QAM	1	0	22.04	22.01	22.05		
10	16QAM	1	25	22.03	22.09	22.09	23	0
10	16QAM	1	49	21.88	21.87	21.94		
10	16QAM	25	0	21.93	22.07	21.96		
10	16QAM	25	12	21.98	21.89	21.94	23	0
10	16QAM	25	25	21.83	21.80	21.82		
10	16QAM	50	0	21.95	21.99	21.90		
10	64QAM	1	0	21.83	21.93	22.00		
10	64QAM	1	25	21.99	22.01	21.90	23	0
10	64QAM	1	49	21.92	22.04	21.97		
10	64QAM	25	0	20.89	20.93	20.87		
10	64QAM	25	12	20.69	20.82	20.75	22	1
10	64QAM	25	25	20.51	20.72	20.71		
10	64QAM	50	0	20.83	20.76	20.79		
10	256QAM	1	0	19.09	19.18	19.17		
10	256QAM	1	25	19.30	19.28	19.20	20	3
10	256QAM	1	49	19.06	19.01	19.00		
10	256QAM	25	0	19.11	19.02	19.01		
10	256QAM	25	12	18.76	18.86	18.97	20	3
10	256QAM	25	25	18.76	18.91	18.88		
10	256QAM	50	0	18.94	18.80	19.01		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.12	22.13	22.13		
5	QPSK	1	12	22.08	22.00	22.02	23	0
5	QPSK	1	24	21.90	22.01	21.92		
5	QPSK	12	0	22.10	22.11	21.98		
5	QPSK	12	7	21.86	21.90	21.90	23	0
5	QPSK	12	13	21.82	21.90	21.83		
5	QPSK	25	0	21.86	21.96	21.90		
5	16QAM	1	0	21.96	22.04	21.99		
5	16QAM	1	12	21.96	22.14	22.14	23	0
5	16QAM	1	24	21.87	21.96	22.06		
5	16QAM	12	0	22.00	22.07	21.92		
5	16QAM	12	7	21.96	21.96	21.97	23	0
5	16QAM	12	13	21.82	21.85	21.77		
5	16QAM	25	0	22.03	22.05	22.00		
5	64QAM	1	0	21.86	21.95	22.01		
5	64QAM	1	12	21.97	21.98	21.90	23	0
5	64QAM	1	24	22.00	22.03	22.02		
5	64QAM	12	0	20.84	20.91	20.82		
5	64QAM	12	7	20.71	20.76	20.84	22	1
5	64QAM	12	13	20.53	20.73	20.71		
5	64QAM	25	0	20.90	20.78	20.77		
5	256QAM	1	0	19.17	19.18	19.09		
5	256QAM	1	12	19.31	19.31	19.18	20	3
5	256QAM	1	24	18.97	19.07	19.01		
5	256QAM	12	0	19.03	18.96	19.03		
5	256QAM	12	7	18.78	18.87	18.88	20	3
5	256QAM	12	13	18.78	18.93	18.93		
5	256QAM	25	0	18.94	18.78	18.97		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.11	22.11	22.09		
3	QPSK	1	8	22.09	22.01	22.09	23	0
3	QPSK	1	14	21.94	22.06	21.91		
3	QPSK	8	0	22.04	22.07	21.99		
3	QPSK	8	4	21.83	21.90	21.92	23	0
3	QPSK	8	7	21.78	21.90	21.87		
3	QPSK	15	0	21.87	21.94	21.89		
3	16QAM	1	0	21.95	22.03	21.97		
3	16QAM	1	8	21.98	22.05	22.04	23	0
3	16QAM	1	14	21.95	21.90	22.06		
3	16QAM	8	0	21.93	22.12	21.97		
3	16QAM	8	4	21.89	21.90	21.97	23	0
3	16QAM	8	7	21.76	21.77	21.73		
3	16QAM	15	0	21.99	21.99	21.92		
3	64QAM	1	0	21.92	21.94	21.94		
3	64QAM	1	8	22.02	21.96	21.89	23	0
3	64QAM	1	14	22.01	22.01	21.97		
3	64QAM	8	0	20.83	20.95	20.84		
3	64QAM	8	4	20.62	20.75	20.83	22	1
3	64QAM	8	7	20.58	20.65	20.75		
3	64QAM	15	0	20.89	20.78	20.74		
3	256QAM	1	0	19.14	19.12	19.17		
3	256QAM	1	8	19.23	19.30	19.13	20	3
3	256QAM	1	14	19.01	19.05	18.93		
3	256QAM	8	0	19.09	18.97	19.05		
3	256QAM	8	4	18.81	18.93	18.92	20	3
3	256QAM	8	7	18.79	18.83	18.94		
3	256QAM	15	0	18.94	18.81	18.93		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.07	22.10	22.11		
1.4	QPSK	1	3	22.11	21.96	22.09	23	0
1.4	QPSK	1	5	21.90	21.99	21.97		
1.4	QPSK	3	0	22.11	22.16	21.92		
1.4	QPSK	3	1	21.82	21.89	21.95		
1.4	QPSK	3	3	21.88	21.85	21.82		
1.4	QPSK	6	0	21.95	21.90	21.97	23	0
1.4	16QAM	1	0	21.97	21.97	21.97		
1.4	16QAM	1	3	21.97	22.08	22.10		
1.4	16QAM	1	5	21.87	21.94	21.97	23	0
1.4	16QAM	3	0	21.91	22.11	21.95		
1.4	16QAM	3	1	21.98	21.98	21.96		
1.4	16QAM	3	3	21.76	21.77	21.76		
1.4	16QAM	6	0	22.02	22.05	21.92	23	0
1.4	64QAM	1	0	21.86	21.95	22.03		
1.4	64QAM	1	3	22.03	22.04	21.97	23	0
1.4	64QAM	1	5	22.00	22.07	21.96		
1.4	64QAM	3	0	21.87	21.95	21.94		
1.4	64QAM	3	1	22.02	22.04	21.95		
1.4	64QAM	3	3	21.91	22.03	21.92		
1.4	64QAM	6	0	20.82	20.86	20.86	22	1
1.4	256QAM	1	0	19.12	19.11	19.13		
1.4	256QAM	1	3	19.20	19.24	19.17	20	3
1.4	256QAM	1	5	19.01	19.03	18.94		
1.4	256QAM	3	0	19.03	19.05	19.02		
1.4	256QAM	3	1	18.84	18.85	18.88		
1.4	256QAM	3	3	18.75	18.86	18.80		
1.4	256QAM	6	0	18.92	18.98	18.86	20	3

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		21.55			
10	QPSK	1	25		21.36		22	0
10	QPSK	1	49		21.36			
10	QPSK	25	0		21.41			
10	QPSK	25	12		21.28		22	0
10	QPSK	25	25		21.21			
10	QPSK	50	0		21.34			
10	16QAM	1	0		21.27			
10	16QAM	1	25		21.13		22	0
10	16QAM	1	49		21.08			
10	16QAM	25	0		21.20			
10	16QAM	25	12		21.08		21.5	0.5
10	16QAM	25	25		21.04			
10	16QAM	50	0		20.90			
10	64QAM	1	0		21.07			
10	64QAM	1	25		20.93		21.5	0.5
10	64QAM	1	49		20.85			
10	64QAM	25	0		19.66			
10	64QAM	25	12		19.50		20.5	1.5
10	64QAM	25	25		19.52			
10	64QAM	50	0		19.56			
10	256QAM	1	0		18.25			
10	256QAM	1	25		18.25		18.5	3.5
10	256QAM	1	49		18.06			
10	256QAM	25	0		18.01			
10	256QAM	25	12		17.86		18.5	3.5
10	256QAM	25	25		17.81			
10	256QAM	50	0		17.66			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	21.42	21.51	21.45		
5	QPSK	1	12	21.31	21.43	21.23	22	0
5	QPSK	1	24	21.33	21.36	21.28		
5	QPSK	12	0	21.30	21.34	21.27		
5	QPSK	12	7	21.18	21.18	21.17	22	0
5	QPSK	12	13	21.12	21.12	21.16		
5	QPSK	25	0	21.19	21.20	21.31		
5	16QAM	1	0	21.13	21.19	21.13		
5	16QAM	1	12	21.02	21.01	21.09	22	0
5	16QAM	1	24	21.02	20.93	21.01		
5	16QAM	12	0	21.14	21.10	21.16		
5	16QAM	12	7	20.95	21.00	20.98	21.5	0.5
5	16QAM	12	13	20.96	20.92	20.95		
5	16QAM	25	0	20.93	20.94	20.97		
5	64QAM	1	0	20.80	20.87	20.85	21.5	0.5
5	64QAM	1	24	20.79	20.77	20.71		
5	64QAM	12	0	19.58	19.56	19.56		
5	64QAM	12	7	19.43	19.43	19.43	20.5	1.5
5	64QAM	12	13	19.44	19.45	19.41		
5	64QAM	25	0	19.45	19.48	19.49		
5	256QAM	1	0	18.15	18.15	18.11		
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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2586	2596	2610		
20	QPSK	1	0	22.20	22.24	22.12	23	0
20	QPSK	1	49	22.03	22.07	21.99		
20	QPSK	1	99	22.02	22.10	21.93		
20	QPSK	50	0	22.07	22.16	22.06	23	0
20	QPSK	50	24	22.00	22.08	22.00		
20	QPSK	50	50	21.93	22.03	21.90		
20	QPSK	100	0	22.04	22.11	21.95		
20	16QAM	1	0	22.01	22.17	22.09	23	0
20	16QAM	1	49	21.99	22.02	22.03		
20	16QAM	1	99	21.88	21.92	21.92		
20	16QAM	50	0	21.54	21.72	21.54	22.5	0.5
20	16QAM	50	24	21.51	21.56	21.51		
20	16QAM	50	50	21.50	21.50	21.45		
20	16QAM	100	0	21.53	21.67	21.56		
20	64QAM	1	0	21.62	21.76	21.60	22.5	0.5
20	64QAM	1	49	21.52	21.64	21.52		
20	64QAM	1	99	21.51	21.63	21.51		
20	64QAM	50	0	20.63	20.75	20.56	21.5	1.5
20	64QAM	50	24	20.49	20.58	20.59		
20	64QAM	50	50	20.45	20.51	20.54		
20	64QAM	100	0	20.52	20.58	20.48		
20	256QAM	1	0	18.57	18.78	18.59	19.5	3.5
20	256QAM	1	49	18.54	18.78	18.59		
20	256QAM	1	99	18.46	18.58	18.55		
20	256QAM	50	0	18.62	18.77	18.66	19.5	3.5
20	256QAM	50	24	18.56	18.62	18.54		
20	256QAM	50	50	18.45	18.56	18.46		
20	256QAM	100	0	18.61	18.72	18.59		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2596	2612.5		
15	QPSK	1	0	22.11	22.20	22.08	23	0
15	QPSK	1	37	21.94	21.93	21.89		
15	QPSK	1	74	21.88	21.96	21.79		
15	QPSK	36	0	22.00	22.06	21.99	23	0
15	QPSK	36	20	21.86	21.95	21.92		
15	QPSK	36	39	21.78	21.91	21.75		
15	QPSK	75	0	21.94	22.04	21.91		
15	16QAM	1	0	21.96	22.04	21.97	23	0
15	16QAM	1	37	21.87	21.91	21.90		
15	16QAM	1	74	21.76	21.78	21.78		
15	16QAM	36	0	21.40	21.61	21.41	22.5	0.5
15	16QAM	36	20	21.40	21.42	21.41		
15	16QAM	36	39	21.36	21.38	21.36		
15	16QAM	75	0	21.48	21.58	21.41		
15	64QAM	1	0	21.52	21.63	21.46	22.5	0.5
15	64QAM	1	37	21.38	21.61	21.44		
15	64QAM	1	74	21.41	21.49	21.44		
15	64QAM	36	0	20.55	20.69	20.52	21.5	1.5
15	64QAM	36	20	20.45	20.47	20.45		
15	64QAM	36	39	20.39	20.39	20.47		
15	64QAM	75	0	20.48	20.48	20.43		
15	256QAM	1	0	18.45	18.70	18.53	19.5	3.5
15	256QAM	1	37	18.48	18.66	18.51		
15	256QAM	1	74	18.39	18.44	18.47		
15	256QAM	36	0	18.58	18.72	18.59	19.5	3.5
15	256QAM	36	20	18.50	18.51	18.44		
15	256QAM	36	39	18.33	18.46	18.43		
15	256QAM	75	0	18.50	18.64	18.47		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.06	22.14	21.97	23	0
10	QPSK	1	25	21.97	21.94	21.93		
10	QPSK	1	49	21.97	21.98	21.81		
10	QPSK	25	0	21.94	22.09	22.00	23	0
10	QPSK	25	12	21.88	21.96	21.90		
10	QPSK	25	25	21.90	21.99	21.75		
10	QPSK	50	0	21.97	22.01	21.82		
10	16QAM	1	0	21.92	22.10	22.00	23	0
10	16QAM	1	25	21.94	21.95	21.91		
10	16QAM	1	49	21.75	21.79	21.88		
10	16QAM	25	0	21.41	21.64	21.44	22.5	0.5
10	16QAM	25	12	21.43	21.41	21.44		
10	16QAM	25	25	21.44	21.40	21.35		
10	16QAM	50	0	21.42	21.62	21.45		
10	64QAM	1	0	21.58	21.66	21.53	22.5	0.5
10	64QAM	1	25	21.38	21.55	21.43		
10	64QAM	1	49	21.36	21.49	21.44		
10	64QAM	25	0	20.54	20.66	20.51	21.5	1.5
10	64QAM	25	12	20.36	20.48	20.52		
10	64QAM	25	25	20.37	20.39	20.47		
10	64QAM	50	0	20.41	20.48	20.36		
10	256QAM	1	0	18.50	18.67	18.51	19.5	3.5
10	256QAM	1	25	18.50	18.72	18.45		
10	256QAM	1	49	18.34	18.51	18.45		
10	256QAM	25	0	18.51	18.67	18.57	19.5	3.5
10	256QAM	25	12	18.45	18.57	18.44		
10	256QAM	25	25	18.32	18.50	18.36		
10	256QAM	50	0	18.49	18.67	18.49		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.10	22.19	22.08	23	0
5	QPSK	1	12	21.91	21.93	21.92		
5	QPSK	1	24	21.89	22.00	21.80		
5	QPSK	12	0	21.94	22.11	22.00	23	0
5	QPSK	12	7	21.94	22.02	21.96		
5	QPSK	12	13	21.88	21.89	21.81		
5	QPSK	25	0	21.90	21.97	21.87		
5	16QAM	1	0	21.91	22.04	22.04	23	0
5	16QAM	1	12	21.95	21.90	21.89		
5	16QAM	1	24	21.74	21.78	21.86		
5	16QAM	12	0	21.42	21.67	21.42	22.5	0.5
5	16QAM	12	7	21.40	21.41	21.39		
5	16QAM	12	13	21.38	21.37	21.31		
5	16QAM	25	0	21.39	21.59	21.44		
5	64QAM	1	0	21.48	21.73	21.50	22.5	0.5
5	64QAM	1	12	21.42	21.57	21.46		
5	64QAM	1	24	21.39	21.48	21.46		
5	64QAM	12	0	20.51	20.68	20.52	21.5	1.5
5	64QAM	12	7	20.42	20.54	20.55		
5	64QAM	12	13	20.40	20.40	20.44		
5	64QAM	25	0	20.40	20.50	20.44		
5	256QAM	1	0	18.53	18.74	18.53	19.5	3.5
5	256QAM	1	12	18.41	18.74	18.51		
5	256QAM	1	24	18.41	18.47	18.40		
5	256QAM	12	0	18.54	18.67	18.58	19.5	3.5
5	256QAM	12	7	18.50	18.49	18.48		
5	256QAM	12	13	18.39	18.43	18.41		
5	256QAM	25	0	18.46	18.61	18.48		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	23.59	23.45	23.65	23.56	23.52	24	0
20	QPSK	1	49	23.45	23.42	23.57	23.61	23.44		
20	QPSK	1	99	23.38	23.31	23.44	23.35	23.33		
20	QPSK	50	0	22.78	22.65	22.82	22.72	22.67	23	1
20	QPSK	50	24	22.58	22.61	22.69	22.57	22.57		
20	QPSK	50	50	22.58	22.55	22.67	22.60	22.54		
20	QPSK	100	0	22.52	22.47	22.58	22.39	22.52		
20	16QAM	1	0	22.62	22.56	22.73	22.60	22.69	23	1
20	16QAM	1	49	22.51	22.56	22.56	22.49	22.51		
20	16QAM	1	99	22.45	22.42	22.52	22.44	22.38		
20	16QAM	50	0	21.57	21.56	21.68	21.49	21.61	22	2
20	16QAM	50	24	21.38	21.41	21.50	21.53	21.39		
20	16QAM	50	50	21.42	21.44	21.53	21.44	21.40		
20	16QAM	100	0	21.60	21.50	21.69	21.52	21.64		
20	64QAM	1	0	21.64	21.60	21.74	21.64	21.63	22	2
20	64QAM	1	49	21.53	21.52	21.62	21.58	21.54		
20	64QAM	1	99	21.41	21.48	21.49	21.51	21.42		
20	64QAM	50	0	20.59	20.49	20.64	20.46	20.55	21	3
20	64QAM	50	24	20.42	20.38	20.47	20.49	20.36		
20	64QAM	50	50	20.32	20.40	20.45	20.43	20.30		
20	64QAM	100	0	20.43	20.54	20.57	20.51	20.53		
20	256QAM	1	0	18.60	18.53	18.69	18.55	18.61	19	5
20	256QAM	1	49	18.54	18.52	18.69	18.54	18.64		
20	256QAM	1	99	18.48	18.38	18.52	18.51	18.42		
20	256QAM	50	0	18.64	18.56	18.67	18.58	18.53	19	5
20	256QAM	50	24	18.36	18.50	18.50	18.50	18.39		
20	256QAM	50	50	18.32	18.45	18.46	18.42	18.31		
20	256QAM	100	0	18.67	18.56	18.71	18.60	18.63		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	23.51	23.32	23.55	23.53	23.46	24.00	0
15	QPSK	1	37	23.41	23.32	23.50	23.55	23.40		
15	QPSK	1	74	23.33	23.17	23.36	23.27	23.30		
15	QPSK	36	0	22.65	22.56	22.70	22.65	22.61	23	1
15	QPSK	36	20	22.44	22.50	22.67	22.45	22.50		
15	QPSK	36	39	22.53	22.44	22.63	22.52	22.49		
15	QPSK	75	0	22.40	22.40	22.50	22.32	22.40		
15	16QAM	1	0	22.53	22.53	22.69	22.55	22.66	23	1
15	16QAM	1	37	22.38	22.50	22.53	22.43	22.43		
15	16QAM	1	74	22.39	22.29	22.47	22.38	22.28		
15	16QAM	36	0	21.49	21.53	21.64	21.43	21.54	22	2
15	16QAM	36	20	21.33	21.34	21.39	21.45	21.29		
15	16QAM	36	39	21.30	21.32	21.40	21.35	21.32		
15	16QAM	75	0	21.50	21.45	21.65	21.38	21.52		
15	64QAM	1	0	21.55	21.49	21.61	21.56	21.59	22	2
15	64QAM	1	37	21.49	21.38	21.48	21.53	21.42		
15	64QAM	1	74	21.34	21.44	21.39	21.45	21.38		
15	64QAM	36	0	20.53	20.46	20.56	20.35	20.48	21	3
15	64QAM	36	20	20.32	20.35	20.42	20.45	20.31		
15	64QAM	36	39	20.27	20.34	20.40	20.33	20.23		
15	64QAM	75	0	20.39	20.51	20.43	20.45	20.45		
15	256QAM	1	0	18.56	18.41	18.60	18.42	18.53	19	5
15	256QAM	1	37	18.50	18.40	18.64	18.47	18.59		
15	256QAM	1	74	18.44	18.29	18.48	18.38	18.37		
15	256QAM	36	0	18.54	18.46	18.54	18.54	18.50	19	5
15	256QAM	36	20	18.29	18.43	18.40	18.37	18.30		
15	256QAM	36	39	18.20	18.38	18.41	18.29	18.21		
15	256QAM	75	0	18.64	18.45	18.59	18.47	18.50		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	23.55	23.38	23.56	23.53	23.44	24.00	0
10	QPSK	1	25	23.37	23.32	23.52	23.52	23.33		
10	QPSK	1	49	23.26	23.18	23.35	23.32	23.24		
10	QPSK	25	0	22.74	22.52	22.68	22.65	22.56	23	1
10	QPSK	25	12	22.43	22.59	22.61	22.53	22.55		
10	QPSK	25	25	22.47	22.47	22.56	22.50	22.43		
10	QPSK	50	0	22.47	22.35	22.50	22.28	22.41		
10	16QAM	1	0	22.50	22.48	22.70	22.54	22.60	23	1
10	16QAM	1	25	22.45	22.54	22.51	22.38	22.44		
10	16QAM	1	49	22.35	22.36	22.45	22.41	22.26		
10	16QAM	25	0	21.54	21.47	21.58	21.38	21.57	22	2
10	16QAM	25	12	21.34	21.34	21.47	21.46	21.37		
10	16QAM	25	25	21.29	21.33	21.51	21.32	21.32		
10	16QAM	50	0	21.53	21.45	21.63	21.40	21.53		
10	64QAM	1	0	21.61	21.55	21.69	21.59	21.50	22	2
10	64QAM	1	25	21.50	21.44	21.49	21.50	21.43		
10	64QAM	1	49	21.29	21.42	21.36	21.38	21.34		
10	64QAM	25	0	20.48	20.35	20.53	20.32	20.46	21	3
10	64QAM	25	12	20.28	20.32	20.34	20.36	20.23		
10	64QAM	25	25	20.18	20.33	20.39	20.29	20.18		
10	64QAM	50	0	20.29	20.49	20.49	20.46	20.39		
10	256QAM	1	0	18.47	18.44	18.66	18.51	18.51	19	5
10	256QAM	1	25	18.47	18.41	18.61	18.48	18.53		
10	256QAM	1	49	18.40	18.27	18.42	18.44	18.32		
10	256QAM	25	0	18.52	18.45	18.61	18.55	18.47	19	5
10	256QAM	25	12	18.29	18.46	18.42	18.47	18.34		
10	256QAM	25	25	18.22	18.42	18.37	18.36	18.29		
10	256QAM	50	0	18.53	18.50	18.59	18.53	18.52		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	23.56	23.32	23.62	23.45	23.40	24.00	0
5	QPSK	1	12	23.34	23.31	23.53	23.55	23.33		
5	QPSK	1	24	23.25	23.20	23.41	23.28	23.25	23	1
5	QPSK	12	0	22.65	22.55	22.69	22.59	22.63		
5	QPSK	12	7	22.45	22.56	22.63	22.48	22.52		
5	QPSK	12	13	22.54	22.42	22.54	22.51	22.50		
5	QPSK	25	0	22.48	22.34	22.54	22.28	22.47		
5	16QAM	1	0	22.57	22.49	22.63	22.46	22.62	23	1
5	16QAM	1	12	22.49	22.45	22.44	22.42	22.42		
5	16QAM	1	24	22.35	22.28	22.40	22.39	22.26		
5	16QAM	12	0	21.47	21.43	21.62	21.46	21.53	22	2
5	16QAM	12	7	21.35	21.34	21.40	21.43	21.25		
5	16QAM	12	13	21.36	21.38	21.51	21.39	21.27		
5	16QAM	25	0	21.51	21.42	21.58	21.43	21.57	22	2
5	64QAM	1	0	21.60	21.55	21.66	21.57	21.51		
5	64QAM	1	12	21.48	21.39	21.57	21.52	21.42		
5	64QAM	1	24	21.37	21.44	21.36	21.42	21.31		
5	64QAM	12	0	20.53	20.43	20.56	20.43	20.44	21	3
5	64QAM	12	7	20.28	20.36	20.41	20.42	20.31		
5	64QAM	12	13	20.21	20.30	20.33	20.37	20.17		
5	64QAM	25	0	20.31	20.46	20.45	20.43	20.44		
5	256QAM	1	0	18.47	18.40	18.58	18.49	18.52	19	5
5	256QAM	1	12	18.45	18.45	18.61	18.44	18.54		
5	256QAM	1	24	18.43	18.35	18.45	18.38	18.35		
5	256QAM	12	0	18.52	18.52	18.58	18.46	18.42	19	5
5	256QAM	12	7	18.33	18.46	18.42	18.46	18.32		
5	256QAM	12	13	18.27	18.43	18.34	18.36	18.21		
5	256QAM	25	0	18.59	18.47	18.62	18.56	18.50		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	25.25	25.30	25.42	25.22	25.33		
20	QPSK	1	49	25.09	25.19	25.25	25.14	25.18	26.5	0
20	QPSK	1	99	25.05	25.07	25.28	25.08	25.19		
20	QPSK	50	0	25.11	25.16	25.27	25.13	25.22		
20	QPSK	50	24	24.99	25.03	25.15	25.06	25.04	26.5	0
20	QPSK	50	50	24.92	24.97	25.05	25.06	24.90		
20	QPSK	100	0	24.87	25.01	25.22	25.10	25.10		
20	16QAM	1	0	25.11	25.20	25.32	25.18	25.23		
20	16QAM	1	49	25.03	25.09	25.20	25.07	25.10	26.5	0
20	16QAM	1	99	25.02	25.07	25.13	25.10	25.01		
20	16QAM	50	0	23.98	24.04	24.24	24.14	24.20		
20	16QAM	50	24	23.96	24.07	24.16	24.05	24.10	25.5	1
20	16QAM	50	50	23.94	24.02	24.11	24.04	24.03		
20	16QAM	100	0	23.99	24.07	24.26	24.10	24.21		
20	64QAM	1	0	24.43	24.50	24.64	24.51	24.58		
20	64QAM	1	49	24.41	24.48	24.47	24.40	24.42	25.5	1
20	64QAM	1	99	24.31	24.43	24.44	24.41	24.34		
20	64QAM	50	0	23.08	23.16	23.26	23.10	23.11		
20	64QAM	50	24	22.93	23.05	23.13	23.11	23.01	24.5	2
20	64QAM	50	50	22.96	23.01	23.11	23.04	22.98		
20	64QAM	100	0	23.00	23.08	23.17	23.17	23.11		
20	256QAM	1	0	21.19	21.31	21.45	21.26	21.31		
20	256QAM	1	49	21.22	21.26	21.45	21.31	21.41	22.5	4
20	256QAM	1	99	21.12	21.18	21.23	21.25	21.14		
20	256QAM	50	0	21.05	21.08	21.24	21.13	21.17		
20	256QAM	50	24	20.89	21.03	21.09	21.00	21.02	22.5	4
20	256QAM	50	50	20.86	21.01	21.04	20.98	20.93		
20	256QAM	100	0	21.00	21.13	21.27	21.09	21.13		
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	25.14	25.23	25.34	25.18	25.21		
15	QPSK	1	37	25.01	25.08	25.15	25.06	25.09	26.50	0
15	QPSK	1	74	24.93	25.01	25.24	24.94	25.06		
15	QPSK	36	0	25.02	25.11	25.19	25.06	25.09		
15	QPSK	36	20	24.87	24.91	25.04	24.95	24.92	26.5	0
15	QPSK	36	39	24.86	24.84	24.90	24.96	24.75		
15	QPSK	75	0	24.82	24.90	25.09	25.03	24.99		
15	16QAM	1	0	25.04	25.08	25.26	25.14	25.16		
15	16QAM	1	37	24.99	25.05	25.13	24.92	25.06	26.5	0
15	16QAM	1	74	24.92	24.98	25.01	24.98	24.98		
15	16QAM	36	0	23.88	23.93	24.09	24.10	24.08		
15	16QAM	36	20	23.85	23.93	24.09	24.02	23.96	25.5	1
15	16QAM	36	39	23.88	23.92	24.07	23.92	23.90		
15	16QAM	75	0	23.85	24.01	24.13	23.96	24.13		
15	64QAM	1	0	24.35	24.36	24.56	24.43	24.54		
15	64QAM	1	37	24.31	24.38	24.35	24.36	24.36	25.5	1
15	64QAM	1	74	24.26	24.34	24.31	24.37	24.23		
15	64QAM	36	0	22.97	23.10	23.12	23.04	22.96		
15	64QAM	36	20	22.82	23.02	23.01	23.08	22.91	24.5	2
15	64QAM	36	39	22.90	22.95	23.00	23.00	22.83		
15	64QAM	75	0	22.94	23.05	23.13	23.11	23.01		
15	256QAM	1	0	21.14	21.19	21.32	21.20	21.16		
15	256QAM	1	37	21.13	21.14	21.34	21.23	21.33	22.5	4
15	256QAM	1	74	20.98	21.11	21.12	21.10	21.02		
15	256QAM	36	0	21.00	21.04	21.18	21.09	21.11		
15	256QAM	36	20	20.81	20.94	21.01	20.96	20.88	22.5	4
15	256QAM	36	39	20.80	20.94	21.01	20.94	20.88		
15	256QAM	75	0	20.90	21.04	21.17	21.00	21.08		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	25.17	25.18	25.39	25.18	25.29		
10	QPSK	1	25	25.03	25.05	25.20	25.10	25.06	26.50	0
10	QPSK	1	49	24.94	24.99	25.20	25.00	25.12		
10	QPSK	25	0	25.04	25.12	25.20	25.03	25.16		
10	QPSK	25	12	24.88	24.96	25.12	24.97	24.91	26.5	0
10	QPSK	25	25	24.88	24.88	24.92	24.95	24.81		
10	QPSK	50	0	24.76	24.97	25.14	24.98	24.96		
10	16QAM	1	0	25.06	25.14	25.22	25.12	25.20		
10	16QAM	1	25	24.97	25.01	25.16	24.99	25.01	26.5	0
10	16QAM	1	49	24.88	24.97	25.03	24.98	24.92		
10	16QAM	25	0	23.88	23.97	24.17	24.05	24.16		
10	16QAM	25	12	23.83	23.93	24.05	23.96	23.96	25.5	1
10	16QAM	25	25	23.83	23.92	24.00	23.93	23.89		
10	16QAM	50	0	23.90	23.99	24.13	23.99	24.15		
10	64QAM	1	0	24.33	24.47	24.57	24.45	24.55		
10	64QAM	1	25	24.37	24.38	24.44	24.27	24.35	25.5	1
10	64QAM	1	49	24.20	24.31	24.31	24.30	24.29		
10	64QAM	25	0	23.04	23.13	23.15	23.00	23.08		
10	64QAM	25	12	22.88	22.96	23.04	23.01	22.90	24.5	2
10	64QAM	25	25	22.82	22.96	22.96	22.94	22.91		
10	64QAM	50	0	22.94	22.95	23.14	23.04	23.05		
10	256QAM	1	0	21.08	21.20	21.31	21.18	21.19		
10	256QAM	1	25	21.16	21.13	21.36	21.25	21.37	22.5	4
10	256QAM	1	49	20.98	21.14	21.19	21.19	21.06		
10	256QAM	25	0	20.93	21.00	21.11	21.10	21.06		
10	256QAM	25	12	20.75	20.92	20.97	20.87	20.96	22.5	4
10	256QAM	25	25	20.79	20.87	20.91	20.93	20.80		
10	256QAM	50	0	20.85	20.98	21.19	21.06	21.05		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	25.11	25.19	25.31	25.10	25.19		
5	QPSK	1	12	25.03	25.10	25.14	25.01	25.10	26.50	0
5	QPSK	1	24	24.93	25.01	25.23	24.94	25.14		
5	QPSK	12	0	24.96	25.13	25.21	25.07	25.19		
5	QPSK	12	7	24.88	24.97	25.03	25.00	24.98	26.5	0
5	QPSK	12	13	24.85	24.93	25.01	24.93	24.81		
5	QPSK	25	0	24.73	24.97	25.12	24.98	24.99		
5	16QAM	1	0	25.05	25.08	25.20	25.11	25.15		
5	16QAM	1	12	24.88	24.98	25.06	24.95	24.96	26.5	0
5	16QAM	1	24	24.88	25.03	25.02	24.95	24.91		
5	16QAM	12	0	23.91	23.92	24.19	24.09	24.07		
5	16QAM	12	7	23.88	23.97	24.02	24.01	23.98	25.5	1
5	16QAM	12	13	23.83	23.94	24.08	24.00	23.93		
5	16QAM	25	0	23.87	24.03	24.23	24.02	24.15		
5	64QAM	1	0	24.36	24.46	24.55	24.47	24.54		
5	64QAM	1	12	24.30	24.43	24.36	24.34	24.32	25.5	1
5	64QAM	1	24	24.26	24.37	24.29	24.26	24.29		
5	64QAM	12	0	22.94	23.09	23.15	22.96	23.01		
5	64QAM	12	7	22.88	22.98	22.99	23.08	22.89	24.5	2
5	64QAM	12	13	22.85	22.86	23.07	22.95	22.87		
5	64QAM	25	0	22.96	23.04	23.09	23.04	22.99		
5	256QAM	1	0	21.07	21.27	21.31	21.12	21.17		
5	256QAM	1	12	21.08	21.19	21.41	21.17	21.37	22.5	4
5	256QAM	1	24	21.04	21.09	21.14	21.21	21.05		
5	256QAM	12	0	20.93	20.97	21.19	21.09	21.14		
5	256QAM	12	7	20.85	20.91	20.99	20.88	20.91	22.5	4
5	256QAM	12	13	20.73	20.91	20.92	20.93	20.87		
5	256QAM	25	0	20.88	21.10	21.22	21.05	21.06		

Band 48 Ant2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3540	3609	3641	3690		
20	QPSK	1	0	20.19	20.51	20.47	20.43		
20	QPSK	1	49	20.17	20.43	20.35	20.30	21	0
20	QPSK	1	99	20.13	20.36	20.27	20.26		
20	QPSK	50	0	20.33	20.48	20.38	20.39		
20	QPSK	50	24	20.23	20.31	20.33	20.26	21	0
20	QPSK	50	50	20.24	20.32	20.19	20.23		
20	QPSK	100	0	20.26	20.42	20.24	20.31		
20	16QAM	1	0	20.28	20.43	20.26	20.32		
20	16QAM	1	49	20.23	20.23	20.25	20.11	21	0
20	16QAM	1	99	20.22	20.29	20.20	20.17		
20	16QAM	50	0	20.09	20.22	20.10	20.08		
20	16QAM	50	24	20.03	20.09	20.05	20.03	20.5	0.5
20	16QAM	50	50	19.91	20.00	19.93	19.90		
20	16QAM	100	0	20.04	20.18	20.06	20.04		
20	64QAM	1	0	20.05	20.16	20.07	20.04		
20	64QAM	1	49	19.92	20.03	19.92	19.93	20.5	0.5
20	64QAM	1	99	19.94	19.93	19.94	19.83		
20	64QAM	50	0	19.00	19.15	19.04	19.07		
20	64QAM	50	24	18.98	18.97	18.97	18.89	19.5	1.5
20	64QAM	50	50	18.90	18.97	18.88	18.87		
20	64QAM	100	0	18.82	18.98	18.91	18.92		
20	256QAM	1	0	16.91	17.07	16.92	16.95		
20	256QAM	1	49	16.82	17.07	16.83	16.95	17.5	3.5
20	256QAM	1	99	16.86	16.83	16.83	16.79		
20	256QAM	50	0	16.99	17.15	17.06	17.02		
20	256QAM	50	24	16.91	17.01	16.99	16.92	17.5	3.5
20	256QAM	50	50	16.92	16.99	16.91	16.94		
20	256QAM	100	0	17.08	17.22	17.03	17.17		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3537.5	3608	3642	3692.5		
15	QPSK	1	0	20.12	20.44	20.42	20.34		
15	QPSK	1	37	20.11	20.29	20.28	20.22	21	0
15	QPSK	1	74	20.03	20.27	20.24	20.19		
15	QPSK	36	0	20.21	20.45	20.25	20.31		
15	QPSK	36	20	20.16	20.22	20.21	20.12	21	0
15	QPSK	36	39	20.20	20.26	20.07	20.19		
15	QPSK	75	0	20.13	20.31	20.14	20.22		
15	16QAM	1	0	20.21	20.32	20.11	20.26		
15	16QAM	1	37	20.14	20.15	20.17	20.05	21	0
15	16QAM	1	74	20.07	20.22	20.14	20.07		
15	16QAM	36	0	20.05	20.12	20.02	19.98		
15	16QAM	36	20	19.99	20.03	19.97	19.96	20.5	0.5
15	16QAM	36	39	19.83	19.96	19.79	19.82		
15	16QAM	75	0	20.01	20.06	19.92	19.97		
15	64QAM	1	0	19.96	20.06	19.98	19.92		
15	64QAM	1	37	19.81	19.94	19.81	19.87	20.5	0.5
15	64QAM	1	74	19.90	19.89	19.81	19.72		
15	64QAM	36	0	18.86	19.11	18.97	18.93		
15	64QAM	36	20	18.85	18.93	18.89	18.85	19.5	1.5
15	64QAM	36	39	18.78	18.85	18.74	18.81		
15	64QAM	75	0	18.79	18.88	18.86	18.78		
15	256QAM	1	0	16.81	17.03	16.79	16.91		
15	256QAM	1	37	16.67	17.01	16.74	16.81	17.5	3.5
15	256QAM	1	74	16.77	16.68	16.73	16.73		
15	256QAM	36	0	16.90	17.03	17.02	16.91		
15	256QAM	36	20	16.87	16.94	16.95	16.87	17.5	3.5
15	256QAM	36	39	16.79	16.92	16.83	16.91		
15	256QAM	75	0	17.03	17.10	16.90	17.11		
Channel				55290	55815	56155	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3535	3607.5	3642.5	3695		
10	QPSK	1	0	20.11	20.48	20.43	20.31		
10	QPSK	1	25	20.07	20.37	20.25	20.20	21	0
10	QPSK	1	49	20.07	20.29	20.19	20.18		
10	QPSK	25	0	20.23	20.37	20.25	20.25		
10	QPSK	25	12	20.13	20.22	20.20	20.12	21	0
10	QPSK	25	25	20.17	20.24	20.05	20.14		
10	QPSK	50	0	20.15	20.27	20.15	20.25		
10	16QAM	1	0	20.16	20.35	20.19	20.27		
10	16QAM	1	25	20.18	20.13	20.21	19.98	21	0
10	16QAM	1	49	20.09	20.16	20.12	20.06		
10	16QAM	25	0	19.96	20.18	20.05	20.04		
10	16QAM	25	12	19.95	20.00	19.93	19.91	20.5	0.5
10	16QAM	25	25	19.84	19.89	19.87	19.81		
10	16QAM	50	0	19.99	20.10	20.01	19.90		
10	64QAM	1	0	19.99	20.12	19.99	20.00		
10	64QAM	1	25	19.86	19.92	19.87	19.88	20.5	0.5
10	64QAM	1	49	19.87	19.87	19.81	19.71		
10	64QAM	25	0	18.89	19.08	18.95	18.94		
10	64QAM	25	12	18.88	18.82	18.83	18.85	19.5	1.5
10	64QAM	25	25	18.76	18.88	18.75	18.84		
10	64QAM	50	0	18.69	18.94	18.80	18.84		
10	256QAM	1	0	16.82	16.96	16.84	16.87		
10	256QAM	1	25	16.77	16.93	16.77	16.81	17.5	3.5
10	256QAM	1	49	16.83	16.72	16.70	16.71		
10	256QAM	25	0	16.89	17.02	16.98	16.94		
10	256QAM	25	12	16.88	16.96	16.92	16.78	17.5	3.5
10	256QAM	25	25	16.79	16.86	16.81	16.81		
10	256QAM	50	0	16.98	17.17	16.89	17.05		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3532.5	3607	3643	3697.5		
5	QPSK	1	0	20.10	20.42	20.38	20.32		
5	QPSK	1	12	20.08	20.30	20.23	20.15	21	0
5	QPSK	1	24	20.05	20.29	20.16	20.13		
5	QPSK	12	0	20.20	20.35	20.34	20.31		
5	QPSK	12	7	20.16	20.17	20.22	20.21	21	0
5	QPSK	12	13	20.18	20.25	20.09	20.15		
5	QPSK	25	0	20.19	20.29	20.16	20.20		
5	16QAM	1	0	20.23	20.31	20.17	20.26		
5	16QAM	1	12	20.19	20.14	20.21	19.97	21	0
5	16QAM	1	24	20.16	20.15	20.17	20.02		
5	16QAM	12	0	20.01	20.08	19.96	20.00		
5	16QAM	12	7	19.91	20.05	19.94	19.93	20.5	0.5
5	16QAM	12	13	19.79	19.86	19.79	19.79		
5	16QAM	25	0	19.97	20.12	19.99	19.89		
5	64QAM	1	0	20.01	20.10	19.99	19.97		
5	64QAM	1	12	19.89	19.94	19.89	19.83	20.5	0.5
5	64QAM	1	24	19.80	19.85	19.87	19.69		
5	64QAM	12	0	18.95	19.03	18.99	18.99		
5	64QAM	12	7	18.92	18.82	18.89	18.82	19.5	1.5
5	64QAM	12	13	18.81	18.90	18.80	18.83		
5	64QAM	25	0	18.67	18.95	18.77	18.87		
5	256QAM	1	0	16.87	17.03	16.80	16.87		
5	256QAM	1	12	16.70	16.92	16.69	16.83	17.5	3.5
5	256QAM	1	24	16.73	16.76	16.73	16.71		
5	256QAM	12	0	16.94	17.02	16.92	16.94		
5	256QAM	12	7	16.84	16.93	16.85	16.85	17.5	3.5
5	256QAM	12	13	16.82	16.85	16.80	16.79		
5	256QAM	25	0	17.01	17.14	16.97	17.10		

GSM1900 Ant3

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	29.56	29.66	29.63	30.50	20.56	20.66	20.63	21.50
GPRS 1 Tx slot	29.52	29.61	29.49	30.50	20.52	20.61	20.49	21.50
GPRS 2 Tx slots	27.05	27.12	26.97	28.00	21.05	21.12	20.97	22.00
GPRS 3 Tx slots	25.70	25.76	25.66	26.50	21.44	21.50	21.40	22.24
GPRS 4 Tx slots	23.54	23.57	23.46	24.50	20.54	20.57	20.46	21.50
EDGE 1 Tx slot	25.06	25.13	24.99	26.00	16.06	16.13	15.99	17.00
EDGE 2 Tx slots	23.33	23.43	23.40	24.50	17.33	17.43	17.40	18.50
EDGE 3 Tx slots	22.21	22.35	22.25	23.50	17.95	18.09	17.99	19.24
EDGE 4 Tx slots	20.13	20.18	20.06	21.00	17.13	17.18	17.06	18.00

WCDMA II Ant3

Band		WCDMA II			Tune-up Limit (dBm)	WCDMA IV Ant3 WCDMA IV			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	22.96	23.03	23.00	24.00	22.84	22.97	22.91	24.00
3GPP Rel 99	RMC 12.2Kbps	23.05	23.09	23.02	24.00	22.89	23.03	22.84	24.00
3GPP Rel 6	HSDPA Subtest-1	21.95	22.14	22.11	23.00	21.91	22.04	22.04	23.00
3GPP Rel 6	HSDPA Subtest-2	22.04	22.17	21.92	23.00	21.93	22.07	21.84	23.00
3GPP Rel 6	HSDPA Subtest-3	21.64	21.58	21.57	22.50	21.59	21.49	21.44	22.50
3GPP Rel 6	HSDPA Subtest-4	21.48	21.66	21.60	22.50	21.43	21.59	21.50	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	22.06	22.17	21.98	23.00	21.95	22.09	21.95	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	21.99	22.13	22.18	23.00	21.91	22.07	22.07	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	21.37	21.57	21.48	22.50	21.26	21.46	21.34	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	21.43	21.56	21.44	22.50	21.29	21.45	21.31	22.50
3GPP Rel 6	HSUPA Subtest-1	22.08	22.31	21.97	23.00	22.04	22.24	21.94	23.00
3GPP Rel 6	HSUPA Subtest-2	20.23	20.14	20.17	21.00	20.20	20.09	20.04	21.00
3GPP Rel 6	HSUPA Subtest-3	21.20	21.06	21.03	22.00	21.10	20.98	20.99	22.00
3GPP Rel 6	HSUPA Subtest-4	19.98	20.25	20.22	21.00	19.84	20.19	20.08	21.00
3GPP Rel 6	HSUPA Subtest-5	22.03	22.04	21.94	23.00	21.90	21.90	21.89	23.00

Band 2 Ant3

BW [MHz]	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	1880	1900		
20	QPSK	1	0	22.65	22.72	22.70		
20	QPSK	1	49	22.52	22.63	22.57	24	0
20	QPSK	1	99	22.45	22.58	22.53		
20	QPSK	50	0	22.49	22.67	22.53		
20	QPSK	50	24	22.45	22.55	22.49	24	0
20	QPSK	50	50	22.38	22.47	22.38		
20	QPSK	100	0	22.45	22.60	22.41		
20	16QAM	1	0	22.40	22.58	22.46		
20	16QAM	1	49	22.36	22.45	22.41	24	0
20	16QAM	1	99	22.33	22.44	22.37		
20	16QAM	50	0	22.38	22.54	22.44		
20	16QAM	50	24	22.38	22.37	22.31	24	0
20	16QAM	50	50	22.32	22.39	22.31		
20	16QAM	100	0	22.38	22.49	22.32		
20	64QAM	1	0	22.29	22.47	22.31		
20	64QAM	1	49	22.29	22.29	22.29	24	0
20	64QAM	1	99	22.24	22.32	22.27		
20	64QAM	50	0	22.28	22.48	22.29		
20	64QAM	50	24	22.26	22.34	22.34	24	0
20	64QAM	50	50	22.26	22.34	22.29		
20	64QAM	100	0	22.42	22.46	22.38		
20	256QAM	1	0	19.47	19.63	19.48		
20	256QAM	1	49	19.51	19.63	19.45	21	3
20	256QAM	1	99	19.38	19.43	19.33		
20	256QAM	50	0	19.37	19.53	19.37		
20	256QAM	50	24	19.33	19.39	19.36	21	3
20	256QAM	50	50	19.25	19.35	19.32		
20	256QAM	100	0	19.43	19.63	19.49		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.60	22.68	22.61		
15	QPSK	1	37	22.42	22.58	22.49	24	0
15	QPSK	1	74	22.40	22.49	22.46		
15	QPSK	36	0	22.42	22.59	22.47		
15	QPSK	36	20	22.30	22.51	22.38	24	0
15	QPSK	36	39	22.31	22.39	22.29		
15	QPSK	75	0	22.34	22.50	22.34		
15	16QAM	1	0	22.30	22.53	22.42		
15	16QAM	1	37	22.24	22.41	22.29	24	0
15	16QAM	1	74	22.24	22.41	22.23		
15	16QAM	36	0	22.29	22.42	22.34		
15	16QAM	36	20	22.32	22.27	22.28	24	0
15	16QAM	36	39	22.27	22.28	22.24		
15	16QAM	75	0	22.26	22.44	22.27		
15	64QAM	1	0	22.17	22.37	22.21		
15	64QAM	1	37	22.22	22.17	22.16	24	0
15	64QAM	1	74	22.14	22.21	22.21		
15	64QAM	36	0	22.23	22.41	22.19		
15	64QAM	36	20	22.14	22.23	22.22	24	0
15	64QAM	36	39	22.20	22.30	22.17		
15	64QAM	75	0	22.28	22.34	22.29		
15	256QAM	1	0	19.35	19.58	19.38		
15	256QAM	1	37	19.39	19.50	19.40	21	3
15	256QAM	1	74	19.33	19.30	19.26		
15	256QAM	36	0	19.27	19.45	19.29		
15	256QAM	36	20	19.23	19.25	19.26	21	3
15	256QAM	36	39	19.14	19.23	19.20		
15	256QAM	75	0	19.39	19.51	19.42		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	22.60	22.61	22.60		
10	QPSK	1	25	22.46	22.54	22.50	24	0
10	QPSK	1	49	22.34	22.52	22.43		
10	QPSK	25	0	22.42	22.57	22.40		
10	QPSK	25	12	22.37	22.50	22.43	24	0
10	QPSK	25	25	22.27	22.33	22.27		
10	QPSK	50	0	22.30	22.49	22.32		
10	16QAM	1	0	22.28	22.49	22.37		
10	16QAM	1	25	22.24	22.33	22.30	24	0
10	16QAM	1	49	22.24	22.36	22.32		
10	16QAM	25	0	22.27	22.40	22.34		
10	16QAM	25	12	22.32	22.33	22.22	24	0
10	16QAM	25	25	22.21	22.35	22.25		
10	16QAM	50	0	22.25	22.43	22.26		
10	64QAM	1	0	22.21	22.43	22.16		
10	64QAM	1	25	22.17	22.15	22.16	24	0
10	64QAM	1	49	22.13	22.22	22.13		
10	64QAM	25	0	22.23	22.45	22.21		
10	64QAM	25	12	22.22	22.26	22.20	24	0
10	64QAM	25	25	22.20	22.29	22.20		
10	64QAM	50	0	22.37	22.34	22.25		
10	256QAM	1	0	19.36	19.58	19.41		
10	256QAM	1	25	19.38	19.57	19.34	21	3
10	256QAM	1	49	19.27	19.31	19.27		
10	256QAM	25	0	19.25	19.46	19.32		
10	256QAM	25	12	19.28	19.30	19.26	21	3
10	256QAM	25	25	19.14	19.28	19.19		
10	256QAM	50	0	19.33	19.54	19.39		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.62	22.67	22.64		
5	QPSK	1	12	22.39	22.54	22.46	24	0
5	QPSK	1	24	22.38	22.51	22.49		
5	QPSK	12	0	22.41	22.57	22.44		
5	QPSK	12	7	22.34	22.45	22.41	24	0
5	QPSK	12	13	22.30	22.39	22.33		
5	QPSK	25	0	22.34	22.52	22.32		
5	16QAM	1	0	22.31	22.45	22.33		
5	16QAM	1	12	22.31	22.42	22.28	24	0
5	16QAM	1	24	22.19	22.33	22.30		
5	16QAM	12	0	22.33	22.46	22.32		
5	16QAM	12	7	22.24	22.23	22.28	24	0
5	16QAM	12	13	22.23	22.28	22.20		
5	16QAM	25	0	22.29	22.46	22.23		
5	64QAM	1	0	22.20	22.41	22.32		
5	64QAM	1	12	22.17	22.25	22.20	24	0
5	64QAM	1	24	22.20	22.24	22.23		
5	64QAM	12	0	22.14	22.40	22.16		
5	64QAM	12	7	22.23	22.23	22.28	24	0
5	64QAM	12	13	22.14	22.20	22.15		
5	64QAM	25	0	22.37	22.38	22.27		
5	256QAM	1	0	19.37	19.50	19.39		
5	256QAM	1	12	19.43	19.52	19.42	21	3
5	256QAM	1	24	19.25	19.33	19.29		
5	256QAM	12	0	19.26	19.42	19.33		
5	256QAM	12	7	19.28	19.33	19.25	21	3
5	256QAM	12	13	19.13	19.29	19.28		
5	256QAM	25	0	19.29	19.59	19.46		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.51	22.66	22.60		
3	QPSK	1	8	22.37	22.51	22.45	24	0
3	QPSK	1	14	22.39	22.51	22.41		
3	QPSK	8	0	22.43	22.58	22.44		
3	QPSK	8	4	22.39	22.42	22.43	24	0
3	QPSK	8	7	22.35	22.33	22.34		
3	QPSK	15	0	22.34	22.46	22.32		
3	16QAM	1	0	22.32	22.53	22.41		
3	16QAM	1	8	22.26	22.36	22.33	24	0
3	16QAM	1	14	22.18	22.30	22.30		
3	16QAM	8	0	22.28	22.43	22.34		
3	16QAM	8	4	22.31	22.31	22.27	24	0
3	16QAM	8	7	22.22	22.27	22.23		
3	16QAM	15	0	22.34	22.44	22.28		
3	64QAM	1	0	22.23	22.40	22.20		
3	64QAM	1	8	22.22	22.18	22.21	24	0
3	64QAM	1	14	22.10	22.22	22.22		
3	64QAM	8	0	22.23	22.41	22.16		
3	64QAM	8	4	22.22	22.23	22.27	24	0
3	64QAM	8	7	22.14	22.26	22.16		
3	64QAM	15	0	22.35	22.38	22.26		
3	256QAM	1	0	19.42	19.56	19.35		
3	256QAM	1	8	19.37	19.55	19.37	21	3
3	256QAM	1	14	19.23	19.29	19.21		
3	256QAM	8	0	19.29	19.47	19.33		
3	256QAM	8	4	19.19	19.30	19.28	21	3
3	256QAM	8	7	19.21	19.30	19.25		
3	256QAM	15	0	19.36	19.59	19.36		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.61	22.61	22.66		
1.4	QPSK	1	3	22.40	22.57	22.43		
1.4	QPSK	1	5	22.33	22.53	22.46	24	0
1.4	QPSK	3	0	22.43	22.56	22.40		
1.4	QPSK	3	1	22.31	22.50	22.40		
1.4	QPSK	3	3	22.35	22.36	22.34		
1.4	QPSK	6	0	22.31	22.46	22.37	24	0
1.4	16QAM	1	0	22.29	22.54	22.36		
1.4	16QAM	1	3	22.28	22.41	22.36		
1.4	16QAM	1	5	22.21	22.37	22.30	24	0
1.4	16QAM	3	0	22.24	22.47	22.30		
1.4	16QAM	3	1	22.24	22.30	22.23		
1.4	16QAM	3	3	22.26	22.31	22.26		
1.4	16QAM	6	0	22.28	22.44	22.21	24	0
1.4	64QAM	1	0	22.19	22.36	22.26		
1.4	64QAM	1	3	22.24	22.16	22.18		
1.4	64QAM	1	5	22.19	22.20	22.20	24	0
1.4	64QAM	3	0	22.19	22.42	22.22		
1.4	64QAM	3	1	22.20	22.21	22.22		
1.4	64QAM	3	3	22.19	22.31	22.19		
1.4	64QAM	6	0	22.34	22.33	22.30	24	0
1.4	256QAM	1	0	19.34	19.57	19.40		
1.4	256QAM	1	3	19.46	19.50	19.31		
1.4	256QAM	1	5	19.34	19.40	19.27	21	3
1.4	256QAM	3	0	19.33	19.50	19.26		
1.4	256QAM	3	1	19.30	19.32	19.23		
1.4	256QAM	3	3	19.21	19.32	19.19		
1.4	256QAM	6	0	19.31	19.50	19.41	21	3

Band 4 Ant3

BW [MHz]	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	22.72	22.87	22.67		
20	QPSK	1	49	22.61	22.78	22.53	24	0
20	QPSK	1	99	22.54	22.73	22.53		
20	QPSK	50	0	22.67	22.81	22.72		
20	QPSK	50	24	22.60	22.62	22.66	24	0
20	QPSK	50	50	22.52	22.60	22.56		
20	QPSK	100	0	22.57	22.72	22.60		
20	16QAM	1	0	22.66	22.83	22.66		
20	16QAM	1	49	22.56	22.67	22.60	24	0
20	16QAM	1	99	22.55	22.63	22.57		
20	16QAM	50	0	22.44	22.57	22.38		
20	16QAM	50	24	22.40	22.37	22.36	24	0
20	16QAM	50	50	22.26	22.38	22.28		
20	16QAM	100	0	22.45	22.59	22.39		
20	64QAM	1	0	22.50	22.61	22.43		
20	64QAM	1	49	22.42	22.48	22.45	24	0
20	64QAM	1	99	22.32	22.40	22.38		
20	64QAM	50	0	21.41	21.60	21.48		
20	64QAM	50	24	21.36	21.47	21.36	23	1
20	64QAM	50	50	21.28	21.40	21.37		
20	64QAM	100	0	21.46	21.60	21.51		
20	256QAM	1	0	19.52	19.69	19.60		
20	256QAM	1	49	19.44	19.69	19.45	21	3
20	256QAM	1	99	19.40	19.44	19.50		
20	256QAM	50	0	19.56	19.67	19.56		
20	256QAM	50	24	19.43	19.53	19.45	21	3
20	256QAM	50	50	19.38	19.42	19.38		
20	256QAM	100	0	19.41	19.63	19.53		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.68	22.83	22.64		
15	QPSK	1	37	22.52	22.70	22.49	24	0
15	QPSK	1	74	22.41	22.59	22.40		
15	QPSK	36	0	22.54	22.75	22.58		
15	QPSK	36	20	22.47	22.56	22.55	24	0
15	QPSK	36	39	22.40	22.49	22.44		
15	QPSK	75	0	22.51	22.69	22.57		
15	16QAM	1	0	22.61	22.79	22.53		
15	16QAM	1	37	22.52	22.54	22.52	24	0
15	16QAM	1	74	22.43	22.49	22.46		
15	16QAM	36	0	22.38	22.53	22.29		
15	16QAM	36	20	22.34	22.30	22.22	24	0
15	16QAM	36	39	22.17	22.25	22.15		
15	16QAM	75	0	22.40	22.44	22.33		
15	64QAM	1	0	22.39	22.54	22.33		
15	64QAM	1	37	22.32	22.42	22.41	24	0
15	64QAM	1	74	22.22	22.26	22.25		
15	64QAM	36	0	21.27	21.47	21.42		
15	64QAM	36	20	21.26	21.39	21.30	23	1
15	64QAM	36	39	21.19	21.34	21.25		
15	64QAM	75	0	21.36	21.53	21.48		
15	256QAM	1	0	19.45	19.58	19.46		
15	256QAM	1	37	19.39	19.54	19.42	21	3
15	256QAM	1	74	19.28	19.37	19.40		
15	256QAM	36	0	19.45	19.55	19.44		
15	256QAM	36	20	19.32	19.50	19.37	21	3
15	256QAM	36	39	19.23	19.29	19.28		
15	256QAM	75	0	19.30	19.55	19.47		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.67	22.78	22.56		
10	QPSK	1	25	22.55	22.72	22.43	24	0
10	QPSK	1	49	22.48	22.66	22.43		
10	QPSK	25	0	22.62	22.70	22.64		
10	QPSK	25	12	22.54	22.49	22.59	24	0
10	QPSK	25	25	22.39	22.47	22.46		
10	QPSK	50	0	22.48	22.63	22.45		
10	16QAM	1	0	22.58	22.76	22.63		
10	16QAM	1	25	22.54	22.58	22.49	24	0
10	16QAM	1	49	22.47	22.54	22.46		
10	16QAM	25	0	22.40	22.45	22.33		
10	16QAM	25	12	22.30	22.29	22.30	24	0
10	16QAM	25	25	22.13	22.31	22.19		
10	16QAM	50	0	22.42	22.51	22.35		
10	64QAM	1	0	22.43	22.50	22.34		
10	64QAM	1	25	22.32	22.34	22.41	24	0
10	64QAM	1	49	22.21	22.27	22.29		
10	64QAM	25	0	21.34	21.48	21.35		
10	64QAM	25	12	21.30	21.37	21.30	23	1
10	64QAM	25	25	21.16	21.30	21.30		
10	64QAM	50	0	21.34	21.48	21.42		
10	256QAM	1	0	19.46	19.64	19.55		
10	256QAM	1	25	19.31	19.58	19.33	21	3
10	256QAM	1	49	19.32	19.34	19.44		
10	256QAM	25	0	19.50	19.62	19.44		
10	256QAM	25	12	19.38	19.46	19.34	21	3
10	256QAM	25	25	19.30	19.29	19.31		
10	256QAM	50	0	19.36	19.52	19.44		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.62	22.73	22.55		
5	QPSK	1	12	22.49	22.69	22.39	24	0
5	QPSK	1	24	22.45	22.66	22.40		
5	QPSK	12	0	22.56	22.74	22.62		
5	QPSK	12	7	22.57	22.59	22.59	24	0
5	QPSK	12	13	22.42	22.48	22.48		
5	QPSK	25	0	22.47	22.61	22.54		
5	16QAM	1	0	22.54	22.79	22.62		
5	16QAM	1	12	22.59	22.51	22.49	24	0
5	16QAM	1	24	22.51	22.54	22.44		
5	16QAM	12	0	22.37	22.54	22.34		
5	16QAM	12	7	22.26	22.22	22.29	24	0
5	16QAM	12	13	22.22	22.29	22.15		
5	16QAM	25	0	22.39	22.49	22.35		
5	64QAM	1	0	22.37	22.53	22.37		
5	64QAM	1	12	22.36	22.41	22.40	24	0
5	64QAM	1	24	22.23	22.26	22.34		
5	64QAM	12	0	21.27	21.51	21.42		
5	64QAM	12	7	21.24	21.39	21.22	23	1
5	64QAM	12	13	21.24	21.27	21.33		
5	64QAM	25	0	21.37	21.45	21.44		
5	256QAM	1	0	19.38	19.65	19.51		
5	256QAM	1	12	19.36	19.54	19.35	21	3
5	256QAM	1	24	19.35	19.35	19.46		
5	256QAM	12	0	19.49	19.53	19.43		
5	256QAM	12	7	19.33	19.40	19.30	21	3
5	256QAM	12	13	19.32	19.33	19.30		
5	256QAM	25	0	19.31	19.52	19.43		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.61	22.73	22.52		
3	QPSK	1	8	22.53	22.69	22.43	24	0
3	QPSK	1	14	22.50	22.66	22.45		
3	QPSK	8	0	22.55	22.67	22.58		
3	QPSK	8	4	22.49	22.56	22.54	24	0
3	QPSK	8	7	22.42	22.51	22.47		
3	QPSK	15	0	22.48	22.68	22.56		
3	16QAM	1	0	22.53	22.68	22.56		
3	16QAM	1	8	22.64	22.58	22.54	24	0
3	16QAM	1	14	22.41	22.58	22.47		
3	16QAM	8	0	22.40	22.53	22.27		
3	16QAM	8	4	22.37	22.24	22.29	24	0
3	16QAM	8	7	22.17	22.30	22.17		
3	16QAM	15	0	22.41	22.50	22.25		
3	64QAM	1	0	22.43	22.57	22.31		
3	64QAM	1	8	22.32	22.41	22.33	24	0
3	64QAM	1	14	22.19	22.30	22.25		
3	64QAM	8	0	21.37	21.56	21.43		
3	64QAM	8	4	21.22	21.37	21.30	23	1
3	64QAM	8	7	21.18	21.27	21.26		
3	64QAM	15	0	21.32	21.50	21.41		
3	256QAM	1	0	19.43	19.63	19.52		
3	256QAM	1	8	19.32	19.64	19.35	21	3
3	256QAM	1	14	19.27	19.36	19.41		
3	256QAM	8	0	19.44	19.57	19.42		
3	256QAM	8	4	19.31	19.41	19.36	21	3
3	256QAM	8	7	19.31	19.33	19.25		
3	256QAM	15	0	19.35	19.59	19.47		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.58	22.82	22.57		
1.4	QPSK	1	3	22.57	22.73	22.49		
1.4	QPSK	1	5	22.48	22.67	22.46	24	0
1.4	QPSK	3	0	22.58	22.70	22.59		
1.4	QPSK	3	1	22.45	22.49	22.55		
1.4	QPSK	3	3	22.47	22.45	22.43		
1.4	QPSK	6	0	22.50	22.58	22.52	24	0
1.4	16QAM	1	0	22.53	22.73	22.56		
1.4	16QAM	1	3	22.55	22.50	22.51		
1.4	16QAM	1	5	22.49	22.56	22.49	24	0
1.4	16QAM	3	0	22.32	22.43	22.31		
1.4	16QAM	3	1	22.25	22.22	22.29		
1.4	16QAM	3	3	22.18	22.25	22.20		
1.4	16QAM	6	0	22.37	22.46	22.30	24	0
1.4	64QAM	1	0	22.35	22.53	22.29		
1.4	64QAM	1	3	22.37	22.38	22.34		
1.4	64QAM	1	5	22.24	22.25	22.29	24	0
1.4	64QAM	3	0	22.32	22.32	22.23		
1.4	64QAM	3	1	22.36	22.22	22.30		
1.4	64QAM	3	3	22.13	22.31	22.20		
1.4	64QAM	6	0	21.31	21.45	21.33	23	1
1.4	256QAM	1	0	19.38	19.55	19.47		
1.4	256QAM	1	3	19.33	19.66	19.33		
1.4	256QAM	1	5	19.31	19.37	19.39	21	3
1.4	256QAM	3	0	19.47	19.56	19.45		
1.4	256QAM	3	1	19.38	19.44	19.35		
1.4	256QAM	3	3	19.28	19.29	19.32		
1.4	256QAM	6	0	19.30	19.48	19.44	21	3

Band 7 Ant3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	22.98	23.05	22.93		
20	QPSK	1	49	22.83	22.90	22.85	24	0
20	QPSK	1	99	22.76	22.85	22.79		
20	QPSK	50	0	22.86	22.97	22.91		
20	QPSK	50	24	22.74	22.80	22.69	24	0
20	QPSK	50	50	22.69	22.69	22.67		
20	QPSK	100	0	22.84	22.90	22.87		
20	16QAM	1	0	22.84	22.86	22.78		
20	16QAM	1	49	22.78	22.78	22.73	24	0
20	16QAM	1	99	22.73	22.79	22.70		
20	16QAM	50	0	22.68	22.81	22.62		
20	16QAM	50	24	22.54	22.64	22.58	23.5	0.5
20	16QAM	50	50	22.58	22.66	22.59		
20	16QAM	100	0	22.64	22.78	22.65		
20	64QAM	1

Band 25 Ant3

BW [MHz]	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	26599		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	22.60	22.76	22.72		
20	QPSK	1	49	22.49	22.60	22.54	24	0
20	QPSK	1	99	22.36	22.55	22.55		
20	QPSK	50	0	22.50	22.66	22.47		
20	QPSK	50	24	22.39	22.50	22.47	24	0
20	QPSK	50	50	22.39	22.49	22.45		
20	QPSK	100	0	22.49	22.62	22.53		
20	16QAM	1	0	22.42	22.59	22.47		
20	16QAM	1	49	22.36	22.42	22.38	24	0
20	16QAM	1	99	22.39	22.44	22.38		
20	16QAM	50	0	22.37	22.56	22.37		
20	16QAM	50	24	22.40	22.46	22.42	24	0
20	16QAM	50	50	22.34	22.36	22.34		
20	16QAM	100	0	22.47	22.61	22.46		
20	64QAM	1	0	22.39	22.55	22.46		
20	64QAM	1	49	22.35	22.40	22.32	24	0
20	64QAM	1	99	22.28	22.33	22.28		
20	64QAM	50	0	21.45	21.56	21.45		
20	64QAM	50	24	21.38	21.38	21.36	23	1
20	64QAM	50	50	21.26	21.33	21.34		
20	64QAM	100	0	21.59	21.64	21.57		
20	256QAM	1	0	19.51	19.65	19.52		
20	256QAM	1	49	19.43	19.65	19.47	21	3
20	256QAM	1	99	19.44	19.42	19.40		
20	256QAM	50	0	19.45	19.63	19.53		
20	256QAM	50	24	19.38	19.46	19.41	21	3
20	256QAM	50	50	19.42	19.40	19.39		
20	256QAM	100	0	19.44	19.66	19.54		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	22.50	22.69	22.65		
15	QPSK	1	37	22.45	22.55	22.47	24	0
15	QPSK	1	74	22.27	22.48	22.42		
15	QPSK	36	0	22.38	22.62	22.37		
15	QPSK	36	20	22.30	22.37	22.41	24	0
15	QPSK	36	39	22.35	22.43	22.42		
15	QPSK	75	0	22.44	22.55	22.41		
15	16QAM	1	0	22.36	22.51	22.34		
15	16QAM	1	37	22.25	22.39	22.31	24	0
15	16QAM	1	74	22.26	22.36	22.30		
15	16QAM	36	0	22.26	22.53	22.29		
15	16QAM	36	20	22.32	22.33	22.33	24	0
15	16QAM	36	39	22.31	22.30	22.31		
15	16QAM	75	0	22.34	22.58	22.43		
15	64QAM	1	0	22.30	22.42	22.36		
15	64QAM	1	37	22.23	22.37	22.22	24	0
15	64QAM	1	74	22.22	22.24	22.13		
15	64QAM	36	0	21.34	21.52	21.34		
15	64QAM	36	20	21.31	21.25	21.30	23	1
15	64QAM	36	39	21.18	21.18	21.24		
15	64QAM	75	0	21.52	21.58	21.54		
15	256QAM	1	0	19.37	19.53	19.38		
15	256QAM	1	37	19.40	19.61	19.37	21	3
15	256QAM	1	74	19.30	19.38	19.36		
15	256QAM	36	0	19.35	19.53	19.41		
15	256QAM	36	20	19.29	19.43	19.29	21	3
15	256QAM	36	39	19.34	19.35	19.26		
15	256QAM	75	0	19.32	19.53	19.40		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	22.50	22.63	22.58		
10	QPSK	1	25	22.35	22.52	22.44	24	0
10	QPSK	1	49	22.26	22.47	22.47		
10	QPSK	25	0	22.37	22.61	22.43		
10	QPSK	25	12	22.26	22.37	22.40	24	0
10	QPSK	25	25	22.30	22.35	22.38		
10	QPSK	50	0	22.38	22.48	22.43		
10	16QAM	1	0	22.39	22.45	22.36		
10	16QAM	1	25	22.25	22.37	22.29	24	0
10	16QAM	1	49	22.24	22.30	22.33		
10	16QAM	25	0	22.34	22.52	22.28		
10	16QAM	25	12	22.26	22.36	22.38	24	0
10	16QAM	25	25	22.26	22.24	22.29		
10	16QAM	50	0	22.33	22.52	22.34		
10	64QAM	1	0	22.30	22.42	22.33		
10	64QAM	1	25	22.23	22.30	22.21	24	0
10	64QAM	1	49	22.15	22.23	22.14		
10	64QAM	25	0	21.37	21.45	21.35		
10	64QAM	25	12	21.34	21.34	21.29	23	1
10	64QAM	25	25	21.22	21.20	21.25		
10	64QAM	50	0	21.54	21.54	21.44		
10	256QAM	1	0	19.48	19.55	19.43		
10	256QAM	1	25	19.39	19.59	19.44	21	3
10	256QAM	1	49	19.35	19.35	19.35		
10	256QAM	25	0	19.32	19.53	19.48		
10	256QAM	25	12	19.32	19.32	19.33	21	3
10	256QAM	25	25	19.37	19.28	19.25		
10	256QAM	50	0	19.41	19.53	19.47		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	22.50	22.67	22.65		
5	QPSK	1	12	22.42	22.57	22.40	24	0
5	QPSK	1	24	22.25	22.46	22.41		
5	QPSK	12	0	22.45	22.62	22.44		
5	QPSK	12	7	22.30	22.46	22.38	24	0
5	QPSK	12	13	22.26	22.44	22.38		
5	QPSK	25	0	22.45	22.49	22.40		
5	16QAM	1	0	22.29	22.48	22.40		
5	16QAM	1	12	22.32	22.29	22.34	24	0
5	16QAM	1	24	22.28	22.40	22.28		
5	16QAM	12	0	22.24	22.45	22.23		
5	16QAM	12	7	22.33	22.39	22.36	24	0
5	16QAM	12	13	22.26	22.26	22.26		
5	16QAM	25	0	22.36	22.49	22.35		
5	64QAM	1	0	22.32	22.47	22.42		
5	64QAM	1	12	22.28	22.34	22.17	24	0
5	64QAM	1	24	22.14	22.24	22.25		
5	64QAM	12	0	21.34	21.47	21.36		
5	64QAM	12	7	21.28	21.24	21.29	23	1
5	64QAM	12	13	21.12	21.27	21.24		
5	64QAM	25	0	21.46	21.59	21.49		
5	256QAM	1	0	19.47	19.57	19.38		
5	256QAM	1	12	19.38	19.52	19.33	21	3
5	256QAM	1	24	19.31	19.30	19.28		
5	256QAM	12	0	19.37	19.58	19.42		
5	256QAM	12	7	19.32	19.41	19.26	21	3
5	256QAM	12	13	19.38	19.32	19.30		
5	256QAM	25	0	19.31	19.60	19.40		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	22.47	22.65	22.69		
3	QPSK	1	8	22.45	22.55	22.44	24	0
3	QPSK	1	14	22.28	22.45	22.42		
3	QPSK	8	0	22.36	22.61	22.39		
3	QPSK	8	4	22.32	22.43	22.39	24	0
3	QPSK	8	7	22.26	22.39	22.38		
3	QPSK	15	0	22.39	22.49	22.45		
3	16QAM	1	0	22.29	22.47	22.34		
3	16QAM	1	8	22.25	22.35	22.25	24	0
3	16QAM	1	14	22.32	22.40	22.33		
3	16QAM	8	0	22.32	22.42	22.22		
3	16QAM	8	4	22.32	22.39	22.36	24	0
3	16QAM	8	7	22.27	22.31	22.27		
3	16QAM	15	0	22.33	22.58	22.39		
3	64QAM	1	0	22.26	22.49	22.40		
3	64QAM	1	8	22.22	22.25	22.28	24	0
3	64QAM	1	14	22.24	22.27	22.16		
3	64QAM	8	0	21.34	21.46	21.30		
3	64QAM	8	4	21.26	21.29	21.32	23	1
3	64QAM	8	7	21.13	21.22	21.21		
3	64QAM	15	0	21.52	21.50	21.45		
3	256QAM	1	0	19.47	19.54	19.40		
3	256QAM	1	8	19.37	19.61	19.37	21	3
3	256QAM	1	14	19.39	19.30	19.27		
3	256QAM	8	0	19.37	19.53	19.50		
3	256QAM	8	4	19.24	19.41	19.32	21	3
3	256QAM	8	7	19.28	19.32	19.36		
3	256QAM	15	0	19.32	19.62	19.43		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	22.47	22.62	22.69		
1.4	QPSK	1	3	22.41	22.56	22.47		
1.4	QPSK	1	5	22.23	22.44	22.48	24	0
1.4	QPSK	3	0	22.40	22.63	22.41		
1.4	QPSK	3	1	22.29	22.38	22.36		
1.4	QPSK	3	3	22.35	22.43	22.38		
1.4	QPSK	6	0	22.40	22.49	22.48	24	0
1.4	16QAM	1	0	22.37	22.51	22.33		
1.4	16QAM	1	3	22.25	22.36	22.33		
1.4	16QAM	1	5	22.27	22.33	22.24	24	0
1.4	16QAM	3	0	22.26	22.45	22.26		
1.4	16QAM	3	1	22.31	22.38	22.35		
1.4	16QAM	3	3	22.29	22.29	22.24		
1.4	16QAM	6	0	22.41	22.46	22.38	24	0
1.4	64QAM	1	0	22.36	22.42	22.34		
1.4	64QAM	1	3	22.22	22.32	22.19		
1.4	64QAM	1	5	22.23	22.22	22.14	24	0
1.4	64QAM	3	0	22.25	22.32	22.26		
1.4	64QAM	3	1	22.34	22.57	22.38		
1.4	64QAM	3	3	22.28	22.44	22.32		
1.4	64QAM	6	0	21.54	21.51	21.52	23	1
1.4	256QAM	1	0	19.47	19.53	19.45		
1.4	256QAM	1	3	19.40	19.57	19.35		
1.4	256QAM	1	5	19.32	19.38	19.34	21	3
1.4	256QAM	3	0	19.36	19.52	19.48		
1.4	256QAM	3	1	19.34	19.33	19.27		
1.4	256QAM	3	3	19.35	19.31	19.31		
1.4	256QAM	6	0	19.34	19.58	19.40	21	3

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		22.95			
10	QPSK	1	25		22.76		24	0
10	QPSK	1	49		22.77			
10	QPSK	25	0		22.91			
10	QPSK	25	12		22.80		24	0
10	QPSK	25	25		22.69			
10	QPSK	50	0		22.84			
10	16QAM	1	0		22.80			
10	16QAM	1	25		22.61		24	0
10	16QAM	1	49		22.60			
10	16QAM	25	0		22.77			
10	16QAM	25	12		22.66		24	0
10	16QAM	25	25		22.59			
10	16QAM	50	0		22.71			
10	64QAM	1	0		22.79			
10	64QAM	1	25		22.62		24	0
10	64QAM	1	49		22.57			
10	64QAM	25	0		21.81			
10	64QAM	25	12		21.69		23	1
10	64QAM	25	25		21.58			
10	64QAM	50	0		21.67			
10	256QAM	1	0		19.84			
10	256QAM	1	25		19.84		21	3
10	256QAM	1	49		19.70			
10	256QAM	25	0		19.79			
10	256QAM	25	12		19.66		21	3
10	256QAM	25	25		19.57			
10	256QAM	50	0		19.79			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	22.84	22.91	22.87		
5	QPSK	1	12	22.68	22.71	22.72	24	0
5	QPSK	1	24	22.66	22.64	22.68		
5	QPSK	12	0	22.77	22.77	22.81		
5	QPSK	12	7	22.71	22.76	22.70	24	0
5	QPSK	12	13	22.63	22.59	22.64		
5	QPSK	25	0	22.78	22.77	22.78		
5	16QAM	1	0	22.74	22.68	22.66		
5	16QAM	1	12	22.51	22.57	22.46	24	0
5	16QAM	1	24	22.50	22.57	22.49		
5	16QAM	12	0	22.69	22.69	22.62		
5	16QAM	12	7	22.57	22.58	22.52	24	0
5	16QAM	12	13	22.48	22.53	22.55		
5	16QAM	25	0	22.66	22.64	22.59		
5	64QAM	1	0	22.68	22.73	22.74		
5	64QAM	1	12	22.51	22.55	22.47	24	0
5	64QAM	1	24	22.43	22.53	22.42		
5	64QAM	12	0	21.68	21.69	21.69		
5	64QAM	12	7	21.65	21.61	21.64	23	1
5	64QAM	12	13	21.53	21.52	21.43		
5	64QAM	25	0	21.62	21.57	21.63		
5	256QAM	1	0	19.74	19.76	19.75		
5	256QAM	1	12	19.76	19.72	19.75	21	3
5	256QAM	1	24	19.62	19.63	19.64		
5	256QAM	12	0	19.74	19.71	19.64		
5	256QAM	12	7	19.58	19.54	19.58	21	3
5	256QAM	12	13	19.50	19.46	19.47		
5	256QAM	25	0	19.70	19.69	19.67		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	22.72	22.89	22.83		
20	QPSK	1	49	22.69	22.75	22.72	24	0
20	QPSK	1	99	22.59	22.72	22.58		
20	QPSK	50	0	22.66	22.87	22.77		
20	QPSK	50	24	22.63	22.77	22.74	24	0
20	QPSK	50	50	22.58	22.64	22.67		
20	QPSK	100	0	22.70	22.83	22.74		
20	16QAM	1	0	22.64	22.80	22.65		
20	16QAM	1	49	22.64	22.68	22.61	24	0
20	16QAM	1	99	22.51	22.56	22.57		
20	16QAM	50	0	22.57	22.73	22.59		
20	16QAM	50	24	22.53	22.62	22.53	24	0
20	16QAM	50	50	22.47	22.58	22.46		
20	16QAM	100	0	22.50	22.67	22.57		
20	64QAM	1	0	22.47	22.62	22.52		
20	64QAM	1	49	22.39	22.47	22.42	24	0
20	64QAM	1	99	22.38	22.42	22.35		
20	64QAM	50	0	21.46	21.66	21.48		
20	64QAM	50	24	21.46	21.51	21.47	23	1
20	64QAM	50	50	21.37	21.49	21.46		
20	64QAM	100	0	21.67	21.68	21.60		
20	256QAM	1	0	19.58	19.75	19.61		
20	256QAM	1	49	19.57	19.75	19.54	21	3
20	256QAM	1	99	19.47	19.51	19.48		
20	256QAM	50	0	19.58	19.71	19.61		
20	256QAM	50	24	19.56	19.61	19.46	21	3
20	256QAM	50	50	19.46	19.53	19.50		
20	256QAM	100	0	19.45	19.64	19.54		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	22.65	22.84	22.71		
15	QPSK	1	37	22.56	22.68	22.60	24	0
15	QPSK	1	74	22.46	22.68	22.48		
15	QPSK	36	0	22.63	22.80	22.68		
15	QPSK	36	20	22.55	22.67	22.64	24	0
15	QPSK	36	39	22.44	22.58	22.56		
15	QPSK	75	0	22.57	22.75	22.60		
15	16QAM	1	0	22.58	22.76	22.58		
15	16QAM	1	37	22.61	22.54	22.53	24	0
15	16QAM	1	74	22.43	22.50	22.48		
15	16QAM	36	0	22.46	22.61	22.47		
15	16QAM	36	20	22.44	22.58	22.40	24	0
15	16QAM	36	39	22.33	22.47	22.38		
15	16QAM	75	0	22.37	22.61	22.48		
15	64QAM	1	0	22.34	22.55	22.43		
15	64QAM	1	37	22.29	22.41	22.35	24	0
15	64QAM	1	74	22.33	22.29	22.22		
15	64QAM	36	0	21.41	21.62	21.36		
15	64QAM	36	20	21.36	21.39	21.40	23	1
15	64QAM	36	39	21.29	21.40	21.35		
15	64QAM	75	0	21.54	21.62	21.57		
15	256QAM	1	0	19.49	19.67	19.56		
15	256QAM	1	37	19.51	19.71	19.45	21	3
15	256QAM	1	74	19.37	19.37	19.39		
15	256QAM	36	0	19.47	19.62	19.54		
15	256QAM	36	20	19.43	19.54	19.36	21	3
15	256QAM	36	39	19.38	19.48	19.37		
15	256QAM	75	0	19.40	19.50	19.45		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	22.63	22.79	22.74		
10	QPSK	1	25	22.56	22.68	22.58	24	0
10	QPSK	1	49	22.55	22.63	22.43		
10	QPSK	25	0	22.59	22.74	22.64		
10	QPSK	25	12	22.51	22.72	22.69	24	0
10	QPSK	25	25	22.50	22.61	22.62		
10	QPSK	50	0	22.66	22.69	22.68		
10	16QAM	1	0	22.58	22.72	22.50		
10	16QAM	1	25	22.50	22.60	22.50	24	0
10	16QAM	1	49	22.42	22.50	22.45		
10	16QAM	25	0	22.53	22.67	22.53		
10	16QAM	25	12	22.45	22.50	22.43	24	0
10	16QAM	25	25	22.43	22.48	22.37		
10	16QAM	50	0	22.36	22.59	22.44		
10	64QAM	1	0	22.37	22.47	22.40		
10	64QAM	1	25	22.33	22.39	22.38	24	0
10	64QAM	1	49	22.31	22.27	22.28		
10	64QAM	25	0	21.36	21.53	21.38		
10	64QAM	25	12	21.37	21.45	21.35	23	1
10	64QAM	25	25	21.24	21.43	21.33		
10	64QAM	50	0	21.58	21.63	21.53		
10	256QAM	1	0	19.45	19.68	19.49		
10	256QAM	1	25	19.42	19.63	19.44	21	3
10	256QAM	1	49	19.44	19.42	19.37		
10	256QAM	25	0	19.48	19.68	19.49		
10	256QAM	25	12	19.44	19.53	19.42	21	3
10	256QAM	25	25	19.38	19.44	19.41		
10	256QAM	50	0	19.32	19.52	19.42		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	22.67	22.81	22.76		
5	QPSK	1	12	22.57	22.64	22.62	24	0
5	QPSK	1	24	22.52	22.69	22.44		
5	QPSK	12	0	22.61	22.72	22.71		
5	QPSK	12	7	22.50	22.69	22.66	24	0
5	QPSK	12	13	22.43	22.55	22.57		
5	QPSK	25	0	22.59	22.70	22.63		
5	16QAM	1	0	22.55	22.70	22.59		
5	16QAM	1	12	22.60	22.60	22.55	24	0
5	16QAM	1	24	22.42	22.52	22.46		
5	16QAM	12	0	22.52	22.60	22.45		
5	16QAM	12	7	22.49	22.52	22.41	24	0
5	16QAM	12	13	22.33	22.51	22.41		
5	16QAM	25	0	22.45	22.60	22.46		
5	64QAM	1	0	22.44	22.51	22.39		
5	64QAM	1	12	22.33	22.35	22.39	24	0
5	64QAM	1	24	22.29	22.38	22.31		
5	64QAM	12	0	21.31	21.59	21.34		
5	64QAM	12	7	21.40	21.42	21.34	23	1
5	64QAM	12	13	21.26	21.45	21.43		
5	64QAM	25	0	21.55	21.58	21.50		
5	256QAM	1	0	19.52	19.64	19.54		
5	256QAM	1	12	19.43	19.72	19.42	21	3
5	256QAM	1	24	19.43	19.41	19.39		
5	256QAM	12	0	19.51	19.59	19.52		
5	256QAM	12	7	19.50	19.53	19.34	21	3
5	256QAM	12	13	19.40	19.39	19.44		
5	256QAM	25	0	19.37	19.57	19.44		
Channel				131967	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	22.62	22.85	22.70		
3	QPSK	1	8	22.65	22.66	22.58	24	0
3	QPSK	1	14	22.53	22.59	22.54		
3	QPSK	8	0	22.55	22.76	22.65		
3	QPSK	8	4	22.58	22.62	22.60	24	0
3	QPSK	8	7	22.52	22.56	22.58		
3	QPSK	15	0	22.55	22.74	22.68		
3	16QAM	1	0	22.57	22.69	22.61		
3	16QAM	1	8	22.61	22.60	22.54	24	0
3	16QAM	1	14	22.36	22.45	22.50		
3	16QAM	8	0	22.44	22.63	22.47		
3	16QAM	8	4	22.48	22.49	22.48	24	0
3	16QAM	8	7	22.38	22.50	22.42		
3	16QAM	15	0	22.36	22.63	22.48		
3	64QAM	1	0	22.43	22.53	22.42		
3	64QAM	1	8	22.35	22.36	22.30	24	0
3	64QAM	1	14	22.34	22.35	22.31		
3	64QAM	8	0	21.42	21.59	21.38		
3	64QAM	8	4	21.41	21.36	21.34	23	1
3	64QAM	8	7	21.25	21.34	21.37		
3	64QAM	15	0	21.55	21.59	21.48		
3	256QAM	1	0	19.54	19.67	19.54		
3	256QAM	1	8	19.51	19.66	19.41	21	3
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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2596	2610		
20	QPSK	1	0	23.49	23.57	23.53	24	0
20	QPSK	1	49	23.37	23.45	23.30		
20	QPSK	1	99	23.28	23.33	23.35		
20	QPSK	50	0	23.32	23.52	23.38	24	0
20	QPSK	50	24	23.25	23.36	23.36		
20	QPSK	50	50	23.21	23.30	23.24		
20	QPSK	100	0	23.24	23.45	23.36		
20	16QAM	1	0	23.16	23.37	23.21	24	0
20	16QAM	1	49	23.14	23.24	23.23		
20	16QAM	1	99	23.09	23.24	23.13		
20	16QAM	50	0	22.77	22.98	22.86	23.5	0.5
20	16QAM	50	24	22.82	22.87	22.74		
20	16QAM	50	50	22.73	22.74	22.71		
20	16QAM	100	0	22.99	23.10	22.90		
20	64QAM	1	0	22.79	22.97	22.88	23.5	0.5
20	64QAM	1	49	22.77	22.87	22.81		
20	64QAM	1	99	22.66	22.75	22.67		
20	64QAM	50	0	21.80	22.01	21.90	22.5	1.5
20	64QAM	50	24	21.82	21.90	21.80		
20	64QAM	50	50	21.72	21.86	21.78		
20	64QAM	100	0	21.97	22.01	21.91		
20	256QAM	1	0	19.81	20.02	19.87	20.5	3.5
20	256QAM	1	49	19.81	20.02	19.85		
20	256QAM	1	99	19.80	19.77	19.75		
20	256QAM	50	0	19.89	20.04	19.86	20.5	3.5
20	256QAM	50	24	19.89	19.85	19.91		
20	256QAM	50	50	19.82	19.85	19.77		
20	256QAM	100	0	20.01	20.13	19.99		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	23.38	23.51	23.39	24	0
15	QPSK	1	37	23.24	23.38	23.25		
15	QPSK	1	74	23.14	23.18	23.32		
15	QPSK	36	0	23.25	23.46	23.23	24	0
15	QPSK	36	20	23.14	23.26	23.23		
15	QPSK	36	39	23.17	23.24	23.14		
15	QPSK	75	0	23.14	23.31	23.24		
15	16QAM	1	0	23.02	23.33	23.08	24	0
15	16QAM	1	37	23.07	23.13	23.09		
15	16QAM	1	74	23.06	23.17	22.99		
15	16QAM	36	0	22.72	22.84	22.72	23.5	0.5
15	16QAM	36	20	22.71	22.77	22.62		
15	16QAM	36	39	22.60	22.70	22.62		
15	16QAM	75	0	22.86	23.06	22.85		
15	64QAM	1	0	22.71	22.92	22.79	23.5	0.5
15	64QAM	1	37	22.71	22.74	22.74		
15	64QAM	1	74	22.62	22.71	22.53		
15	64QAM	36	0	21.75	21.97	21.84	22.5	1.5
15	64QAM	36	20	21.67	21.81	21.67		
15	64QAM	36	39	21.64	21.71	21.73		
15	64QAM	75	0	21.83	21.95	21.76		
15	256QAM	1	0	19.75	19.95	19.75	20.5	3.5
15	256QAM	1	37	19.69	19.90	19.74		
15	256QAM	1	74	19.69	19.63	19.68		
15	256QAM	36	0	19.80	19.99	19.76	20.5	3.5
15	256QAM	36	20	19.82	19.73	19.76		
15	256QAM	36	39	19.77	19.77	19.66		
15	256QAM	75	0	19.93	20.09	19.85		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	23.40	23.49	23.41	24	0
10	QPSK	1	25	23.28	23.33	23.20		
10	QPSK	1	49	23.13	23.21	23.27		
10	QPSK	25	0	23.20	23.49	23.33	24	0
10	QPSK	25	12	23.17	23.25	23.25		
10	QPSK	25	25	23.16	23.24	23.13		
10	QPSK	50	0	23.10	23.33	23.30		
10	16QAM	1	0	23.06	23.33	23.16	24	0
10	16QAM	1	25	23.07	23.16	23.14		
10	16QAM	1	49	23.00	23.18	23.02		
10	16QAM	25	0	22.64	22.88	22.79	23.5	0.5
10	16QAM	25	12	22.68	22.77	22.71		
10	16QAM	25	25	22.60	22.64	22.60		
10	16QAM	50	0	22.91	23.07	22.77		
10	64QAM	1	0	22.69	22.93	22.80	23.5	0.5
10	64QAM	1	25	22.62	22.73	22.72		
10	64QAM	1	49	22.59	22.67	22.53		
10	64QAM	25	0	21.70	21.91	21.85	22.5	1.5
10	64QAM	25	12	21.78	21.81	21.67		
10	64QAM	25	25	21.64	21.75	21.64		
10	64QAM	50	0	21.86	21.91	21.88		
10	256QAM	1	0	19.73	19.91	19.75	20.5	3.5
10	256QAM	1	25	19.74	19.88	19.72		
10	256QAM	1	49	19.67	19.64	19.70		
10	256QAM	25	0	19.76	19.95	19.73	20.5	3.5
10	256QAM	25	12	19.85	19.70	19.82		
10	256QAM	25	25	19.78	19.81	19.66		
10	256QAM	50	0	19.94	20.05	19.85		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	23.36	23.48	23.47	24	0
5	QPSK	1	12	23.23	23.35	23.31		
5	QPSK	1	24	23.22	23.24	23.29		
5	QPSK	12	0	23.23	23.42	23.24	24	0
5	QPSK	12	7	23.11	23.25	23.30		
5	QPSK	12	13	23.09	23.21	23.10		
5	QPSK	25	0	23.09	23.40	23.26		
5	16QAM	1	0	23.02	23.28	23.17	24	0
5	16QAM	1	12	23.06	23.11	23.10		
5	16QAM	1	24	23.00	23.15	23.00		
5	16QAM	12	0	22.68	22.94	22.74	23.5	0.5
5	16QAM	12	7	22.69	22.77	22.61		
5	16QAM	12	13	22.70	22.68	22.66		
5	16QAM	25	0	22.95	23.03	22.78		
5	64QAM	1	0	22.67	22.87	22.74	23.5	0.5
5	64QAM	1	12	22.65	22.80	22.76		
5	64QAM	1	24	22.59	22.70	22.53		
5	64QAM	12	0	21.71	21.91	21.78	22.5	1.5
5	64QAM	12	7	21.71	21.80	21.66		
5	64QAM	12	13	21.59	21.78	21.73		
5	64QAM	25	0	21.85	21.96	21.78		
5	256QAM	1	0	19.67	19.99	19.81	20.5	3.5
5	256QAM	1	12	19.68	19.93	19.77		
5	256QAM	1	24	19.69	19.67	19.62		
5	256QAM	12	0	19.80	19.91	19.73	20.5	3.5
5	256QAM	12	7	19.75	19.76	19.84		
5	256QAM	12	13	19.79	19.76	19.70		
5	256QAM	25	0	19.88	20.05	19.88		

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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)				2598	2549.5	2593	2636.5	2680		
20	QPSK	1	0	23.43	23.48	23.55	23.36	23.41	24	0
20	QPSK	1	49	23.34	23.31	23.45	23.27	23.31		
20	QPSK	1	99	23.31	23.28	23.35	23.20	23.28		
20	QPSK	50	0	22.51	22.43	22.56	22.37	22.45	23	1
20	QPSK	50	24	22.36	22.33	22.44	22.41	22.37		
20	QPSK	50	50	22.32	22.35	22.37	22.32	22.32		
20	QPSK	100	0	22.43	22.36	22.53	22.33	22.49		
20	16QAM	1	0	22.62	22.73	22.86	22.77	22.83	23	1
20	16QAM	1	49	22.63	22.65	22.69	22.61	22.60		
20	16QAM	1	99	22.63	22.58	22.72	22.64	22.64		
20	16QAM	50	0	21.57	21.51	21.65	21.51	21.52	22	2
20	16QAM	50	24	21.39	21.40	21.45	21.46	21.32		
20	16QAM	50	50	21.35	21.41	21.48	21.38	21.37		
20	16QAM	100	0	21.56	21.57	21.67	21.52	21.64		
20	64QAM	1	0	21.63	21.55	21.66	21.59	21.65	22	2
20	64QAM	1	49	21.50	21.50	21.57	21.53	21.55		
20	64QAM	1	99	21.44	21.46	21.58	21.36	21.50		
20	64QAM	50	0	20.84	20.70	20.86	20.77	20.73	21	3
20	64QAM	50	24	20.58	20.60	20.76	20.62	20.60		
20	64QAM	50	50	20.64	20.60	20.71	20.72	20.57		
20	64QAM	100	0	20.67	20.71	20.81	20.66	20.69		
20	256QAM	1	0	18.42	18.31	18.52	18.40	18.47	19	5
20	256QAM	1	49	18.38	18.35	18.52	18.31	18.41		
20	256QAM	1	99	18.22	18.31	18.28	18.31	18.14		
20	256QAM	50	0	18.61	18.48	18.66	18.50	18.54	19	5
20	256QAM	50	24	18.41	18.46	18.51	18.43	18.36		
20	256QAM	50	50	18.43	18.35	18.49	18.38	18.42		
20	256QAM	100	0	18.57	18.50	18.66	18.54	18.62		
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	23.33	23.45	23.51	23.24	23.36	24.00	0
15	QPSK	1	37	23.30	23.19	23.40	23.15	23.18		
15	QPSK	1	74	23.20	23.17	23.30	23.16	23.25		
15	QPSK	36	0	22.42	22.38	22.49	22.29	22.35	23	1
15	QPSK	36	20	22.30	22.30	22.39	22.27	22.27		
15	QPSK	36	39	22.19	22.30	22.25	22.25	22.25		
15	QPSK	75	0	22.39	22.25	22.50	22.29	22.37		
15	16QAM	1	0	22.78	22.63	22.74	22.67	22.75	23	1
15	16QAM	1	37	22.54	22.60	22.57	22.52	22.48		
15	16QAM	1	74	22.59	22.51	22.64	22.54	22.50		
15	16QAM	36	0	21.50	21.44	21.54	21.40	21.39	22	2
15	16QAM	36	20	21.27	21.36	21.33	21.40	21.19		
15	16QAM	36	39	21.22	21.35	21.33	21.23	21.29		
15	16QAM	75	0	21.53	21.51	21.53	21.41	21.50		
15	64QAM	1	0	21.55	21.40	21.52	21.55	21.59	22	2
15	64QAM	1	37	21.45	21.35	21.44	21.40	21.50		
15	64QAM	1	74	21.29	21.37	21.43	21.29	21.41		
15	64QAM	36	0	20.71	20.66	20.73	20.66	20.67	21	3
15	64QAM	36	20	20.53	20.55	20.67	20.59	20.48		
15	64QAM	36	39	20.60	20.50	20.59	20.64	20.51		
15	64QAM	75	0	20.64	20.57	20.76	20.59	20.58		
15	256QAM	1	0	18.32	18.18	18.40	18.26	18.34	19	5
15	256QAM	1	37	18.24	18.20	18.41	18.16	18.35		
15	256QAM	1	74	18.11	18.20	18.25	18.25	18.11		
15	256QAM	36	0	18.56	18.38	18.56	18.45	18.43	19	5
15	256QAM	36	20	18.37	18.32	18.42	18.30	18.22		
15	256QAM	36	39	18.28	18.23	18.37	18.24	18.30		
15	256QAM	75	0	18.45	18.45	18.53	18.43	18.56		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2593	2547	2593	2639	2685		
10	QPSK	1	0	23.39	23.44	23.47	23.31	23.26	24.00	0
10	QPSK	1	25	23.20	23.21	23.37	23.20	23.21		
10	QPSK	1	49	23.18	23.23	23.27	23.10	23.18		
10	QPSK	25	0	22.41	22.34	22.45	22.24	22.41	23	1
10	QPSK	25	12	22.30	22.20	22.40	22.33	22.27		
10	QPSK	25	25	22.27	22.21	22.28	22.22	22.28		
10	QPSK	50	0	22.35	22.23	22.46	22.22	22.42		
10	16QAM	1	0	22.78	22.61	22.75	22.65	22.77	23	1
10	16QAM	1	25	22.57	22.60	22.61	22.58	22.47		
10	16QAM	1	49	22.50	22.46	22.69	22.60	22.60		
10	16QAM	25	0	21.51	21.39	21.52	21.42	21.41	22	2
10	16QAM	25	12	21.33	21.36	21.31	21.37	21.18		
10	16QAM	25	25	21.27	21.32	21.37	21.25	21.22		
10	16QAM	50	0	21.51	21.50	21.60	21.45	21.49		
10	64QAM	1	0	21.57	21.40	21.52	21.45	21.59	22	2
10	64QAM	1	25	21.45	21.42	21.42	21.43	21.50		
10	64QAM	1	49	21.37	21.35	21.49	21.24	21.38		
10	64QAM	25	0	20.76	20.60	20.83	20.71	20.65	21	3
10	64QAM	25	12	20.47	20.56	20.67	20.58	20.57		
10	64QAM	25	25	20.53	20.49	20.59	20.60	20.54		
10	64QAM	50	0	20.58	20.63	20.69	20.54	20.56		
10	256QAM	1	0	18.35	18.27	18.38	18.36	18.35	19	5
10	256QAM	1	25	18.26	18.23	18.46	18.26	18.30		
10	256QAM	1	49	18.08	18.21	18.23	18.24	18.03		
10	256QAM	25	0	18.55	18.38	18.55	18.44	18.50	19	5
10	256QAM	25	12	18.32	18.42	18.37	18.39	18.29		
10	256QAM	25	25	18.30	18.31	18.41	18.25	18.36		
10	256QAM	50	0	18.52	18.39	18.62	18.45	18.58		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	23.40	23.36	23.42	23.29	23.33	24.00	0
5	QPSK	1	12	23.22	23.23	23.35	23.14	23.20		
5	QPSK	1	24	23.17	23.17	23.29	23.12	23.19		
5	QPSK	12	0	22.43	22.38	22.50	22.30	22.37	23	1
5	QPSK	12	7	22.24	22.29	22.35	22.27	22.31		
5	QPSK	12	13	22.25	22.29	22.30	22.25	22.21		
5	QPSK	25	0	22.37	22.30	22.46	22.27	22.40		
5	16QAM	1	0	22.76	22.63	22.72	22.74	22.72	23	1
5	16QAM	1	12	22.54	22.60	22.63	22.46	22.55		
5	16QAM	1	24	22.51	22.47	22.65	22.51	22.58		
5	16QAM	12	0	21.47	21.42	21.53	21.42	21.38	22	2
5	16QAM	12	7	21.27	21.33	21.40	21.41	21.24		
5	16QAM	12	13	21.20	21.33	21.36	21.26	21.31		
5	16QAM	25	0	21.44	21.45	21.55	21.44	21.51		
5	64QAM	1	0	21.48	21.44	21.55	21.53	21.55	22	2
5	64QAM	1	12	21.39	21.38	21.48	21.43	21.41		
5	64QAM	1	24	21.41	21.40	21.55	21.27	21.39		
5	64QAM	12	0	20.80	20.59	20.74	20.73	20.60	21	3
5	64QAM	12	7	20.49	20.54	20.68	20.54	20.46		
5	64QAM	12	13	20.49	20.51	20.57	20.65	20.45		
5	64QAM	25	0	20.59	20.59	20.76	20.57	20.60		
5	256QAM	1	0	18.36	18.24	18.40	18.27	18.44	19	5
5	256QAM	1	12	18.26	18.24	18.46	18.21	18.30		
5	256QAM	1	24	18.10	18.27	18.25	18.19	18.00		
5	256QAM	12	0	18.55	18.38	18.60	18.38	18.50	19	5
5	256QAM	12	7	18.27	18.37	18.44	18.31	18.24		
5	256QAM	12	13	18.33	18.21	18.38	18.34	18.35		
5	256QAM	25	0	18.47	18.38	18.54	18.49	18.48		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	25.79	25.82	26.03	25.83	25.73	26.5	0
20	QPSK	1	49	25.72	25.64	25.85	25.75	25.67		
20	QPSK	1	99	25.69	25.66	25.90	25.80	25.64		
20	QPSK	50	0	25.50	25.54	25.71	25.59	25.47	26.5	0
20	QPSK	50	24	25.41	25.46	25.54	25.52	25.38		
20	QPSK	50	50	25.38	25.40	25.55	25.42	25.32		
20	QPSK	100	0	25.37	25.49	25.64	25.50	25.35		
20	16QAM	1	0	25.69	25.75	25.94	25.83	25.72	26.5	0
20	16QAM	1	49	25.65	25.72	25.85	25.70	25.60		
20	16QAM	1	99	25.58	25.69	25.74	25.70	25.56		
20	16QAM	50	0	25.49	25.55	25.72	25.58	25.54	26.5	0
20	16QAM	50	24	25.42	25.50	25.61	25.47	25.41		
20	16QAM	50	50	25.41	25.47	25.55	25.46	25.39		
20	16QAM	100	0	25.45	25.52	25.74	25.55	25.50		
20	64QAM	1	0	25.57	25.65	25.84	25.65	25.55	26.5	0
20	64QAM	1	49	25.61	25.66	25.75	25.65	25.59		
20	64QAM	1	99	25.45	25.62	25.63	25.57	25.44		
20	64QAM	50	0	24.51	24.64	24.75	24.64	24.55	25.5	1
20	64QAM	50	24	24.50	24.55	24.65	24.56	24.45		
20	64QAM	50	50	24.32	24.44	24.55	24.47	24.37		
20	64QAM	100	0	24.52	24.65	24.67	24.56	24.45		
20	256QAM	1	0	21.73	21.82	21.93	21.79	21.73	22.5	4
20	256QAM	1	49	21.72	21.74	21.93	21.78	21.71		
20	256QAM	1	99	21.56	21.67	21.71	21.71	21.67		
20	256QAM	50	0	21.61	21.62	21.75	21.65	21.57	22.5	4
20	256QAM	50	24	21.55	21.58	21.56	21.62	21.59		
20	256QAM	50	50	21.41	21.54	21.61	21.52	21.39		
20	256QAM	100	0	21.52	21.69	21.80	21.60	21.50		
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	25.74	25.73	25.99	25.75	25.59	27	0
15	QPSK	1	37	25.62	25.58	25.72	25.70	25.54		
15	QPSK	1	74	25.64	25.55	25.84	25.70	25.54		
15	QPSK	36	0	25.35	25.42	25.61	25.47	25.43	26.5	0
15	QPSK	36	20	25.32	25.34	25.43	25.38	25.29		
15	QPSK	36	39	25.35	25.28	25.43	25.32	25.24		
15	QPSK	75	0	25.29	25.43	25.61	25.42	25.20		
15	16QAM	1	0	25.56	25.62	25.81	25.77	25.68	26.5	0
15	16QAM	1	37	25.51	25.65	25.79	25.66	25.54		
15	16QAM	1	74	25.53	25.58	25.64	25.63	25.44		
15	16QAM	36	0	25.45	25.51	25.59	25.47	25.45	26.5	0
15	16QAM	36	20	25.28	25.42	25.56	25.41	25.26		
15	16QAM	36	39	25.31	25.40	25.44	25.34	25.27		
15	16QAM	75	0	25.37	25.43	25.68	25.43	25.39		
15	64QAM	1	0	25.54	25.58	25.78	25.57	25.47	26.5	0
15	64QAM	1	37	25.57	25.61	25.66	25.60	25.53		
15	64QAM	1	74	25.31	25.48	25.49	25.53	25.37		
15	64QAM	36	0	24.42	24.53	24.62	24.52	24.43	25.5	1
15	64QAM	36	20	24.38	24.47	24.61	24.42	24.41		
15	64QAM	36	39	24.18	24.41	24.41	24.40	24.22		
15	64QAM	75	0	24.44	24.52	24.57	24.51	24.41		
15	256QAM	1	0	21.63	21.70	21.81	21.66	21.62	22.5	4
15	256QAM	1	37	21.65	21.62	21.84	21.75	21.64		
15	256QAM	1	74	21.50	21.59	21.68	21.66	21.56		
15	256QAM	36	0	21.47	21.50	21.67	21.61	21.43	22.5	4
15	256QAM	36	20	21.44	21.55	21.48	21.56	21.55		
15	256QAM	36	39	21.33	21.40	21.57	21.43	21.33		
15	256QAM	75	0	21.38	21.58	21.72	21.51	21.45		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	25.68	25.78	25.93	25.74	25.61	27	0
10	QPSK	1	25	25.64	25.53	25.82	25.62	25.55		
10	QPSK	1	49	25.65	25.62	25.84	25.72	25.54		
10	QPSK	25	0	25.41	25.43	25.59	25.45	25.34	26.5	0
10	QPSK	25	12	25.31	25.36	25.43	25.44	25.34		
10	QPSK	25	25	25.29	25.37	25.43	25.28	25.20		
10	QPSK	50	0	25.30	25.35	25.57	25.44	25.29		
10	16QAM	1	0	25.59	25.60	25.90	25.72	25.61	26.5	0
10	16QAM	1	25	25.59	25.57	25.80	25.67	25.52		
10	16QAM	1	49	25.48	25.57	25.66	25.61	25.51		
10	16QAM	25	0	25.44	25.40	25.61	25.48	25.44	26.5	0
10	16QAM	25	12	25.37	25.46	25.55	25.40	25.29		
10	16QAM	25	25	25.28	25.39	25.41	25.37	25.35		
10	16QAM	50	0	25.41	25.44	25.62	25.47	25.46		
10	64QAM	1	0	25.43	25.55	25.74	25.59	25.49	26.5	0
10	64QAM	1	25	25.57	25.58	25.65	25.55	25.55		
10	64QAM	1	49	25.34	25.53	25.53	25.50	25.37		
10	64QAM	25	0	24.38	24.57	24.68	24.50	24.49	25.5	1
10	64QAM	25	12	24.44	24.52	24.62	24.53	24.32		
10	64QAM	25	25	24.22	24.30	24.49	24.40	24.32		
10	64QAM	50	0	24.45	24.55	24.54	24.52	24.35		
10	256QAM	1	0	21.63	21.79	21.84	21.66	21.64	22.5	4
10	256QAM	1	25	21.65	21.63	21.86	21.64	21.64		
10	256QAM	1	49	21.49	21.55	21.62	21.65	21.55		
10	256QAM	25	0	21.57	21.51	21.67	21.61	21.53	22.5	4
10	256QAM	25	12	21.43	21.53	21.46	21.57	21.52		
10	256QAM	25	25	21.35	21.47	21.55	21.45	21.31		
10	256QAM	50	0	21.44	21.55	21.77	21.50	21.47		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	25.70	25.67	25.90	25.74	25.60	27	0
5	QPSK	1	12	25.69	25.59	25.81	25.72	25.58		
5	QPSK	1	24	25.65	25.60	25.85	25.77	25.55		
5	QPSK	12	0	25.44	25.42	25.60	25.49	25.40	26.5	0
5	QPSK	12	7	25.34	25.35	25.49	25.43	25.33		
5	QPSK	12	13	25.25	25.34	25.49	25.39	25.25		
5	QPSK	25	0	25.28	25.44	25.49	25.39	25.27		
5	16QAM	1	0	25.59	25.66	25.81	25.76	25.61	26.5	0
5	16QAM	1	12	25.56	25.69	25.79	25.61	25.51		
5	16QAM	1	24	25.43	25.61	25.69	25.59	25.46		
5	16QAM	12	0	25.36	25.47	25.62	25.48	25.41	26.5	0
5	16QAM	12	7	25.35	25.38	25.49	25.33	25.37		
5	16QAM	12	13	25.32	25.35	25.44	25.37	25.33		
5	16QAM	25	0	25.31	25.38	25.69	25.46	25.41		
5	64QAM	1	0	25.53	25.62	25.73	25.52	25.45	26.5	0
5	64QAM	1	12	25.57	25.53	25.64	25.61	25.53		
5	64QAM	1	24	25.30	25.54	25.58	25.52	25.32		
5	64QAM	12	0	24.45	24.55	24.62	24.59	24.43	25.5	1
5	64QAM	12	7	24.40	24.50	24.57	24.49	24.41		
5	64QAM	12	13	24.27	24.30	24.46	24.39	24.23		
5	64QAM	25	0	24.43	24.53	24.56	24.50	24.36		
5	256QAM	1	0	21.66	21.76	21.84	21.71	21.69	22.5	4
5	256QAM	1	12	21.64	21.60	21.82	21.64	21.63		
5	256QAM	1	24	21.48	21.57	21.59	21.62	21.62		
5	256QAM	12	0	21.47	21.51	21.70	21.54	21.43	22.5	4
5	256QAM	12	7	21.44	21.49	21.42	21.49	21.56		
5	256QAM	12	13	21.34	21.44	21.58	21.38	21.35		
5	256QAM	25	0	21.39	21.58	21.77	21.50	21.36		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3540	3609	3641	3690		
20	QPSK	1	0	23.12	23.28	23.22	23.15	24	0
20	QPSK	1	49	23.07	23.13	23.10	23.00		
20	QPSK	1	99	22.99	23.14	23.09	23.05		
20	QPSK	50	0	23.09	23.23	23.14	23.08	24	0
20	QPSK	50	24	23.04	23.14	23.10	23.03		
20	QPSK	50	50	22.96	23.05	23.03	22.97		
20	QPSK	100	0	22.88	23.16	22.98	23.07		
20	16QAM	1	0	23.01	23.23	23.05	23.16	24	0
20	16QAM	1	49	22.95	23.04	23.00	22.96		
20	16QAM	1	99	22.87	23.06	23.02	22.92		
20	16QAM	50	0	23.06	23.20	23.11	23.14	24	0
20	16QAM	50	24	22.97	23.09	23.06	22.98		
20	16QAM	50	50	22.96	23.00	23.01	22.86		
20	16QAM	100	0	22.85	23.12	23.00	23.01		
20	64QAM	1	0	22.90	23.15	23.02	23.12	24	0
20	64QAM	1	49	22.93	23.07	23.01	22.94		
20	64QAM	1	99	22.81	22.91	22.92	22.77		
20	64QAM	50	0	22.93	23.18	22.98	23.04	24	0
20	64QAM	50	24	22.98	23.04	23.05	22.90		
20	64QAM	50	50	22.82	23.00	22.92	22.92		
20	64QAM	100	0	22.92	23.05	23.01	22.92		
20	256QAM	1	0	19.90	20.14	19.99	20.04	21	3
20	256QAM	1	49	19.87	20.14	19.96	20.02		
20	256QAM	1	99	19.76	19.99	19.89	19.96		
20	256QAM	50	0	20.03	20.27	20.10	20.17	21	3
20	256QAM	50	24	19.94	20.07	20.05	19.98		
20	256QAM	50	50	19.93	20.10	20.01	20.05		
20	256QAM	100	0	20.01	20.28	20.13	20.20		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3537.5	3608	3642	3692.5		
15	QPSK	1	0	22.99	23.22	23.14	23.11	24	0
15	QPSK	1	37	22.99	22.99	22.96	22.97		
15	QPSK	1	74	22.90	23.01	22.98	22.94		
15	QPSK	36	0	22.97	23.14	23.06	22.99	24	0
15	QPSK	36	20	22.93	23.04	22.97	22.94		
15	QPSK	36	39	22.86	22.96	22.91	22.89		
15	QPSK	75	0	22.84	23.12	22.91	22.98		
15	16QAM	1	0	22.87	23.14	22.92	23.04	24	0
15	16QAM	1	37	22.85	22.97	22.90	22.81		
15	16QAM	1	74	22.81	23.01	22.99	22.89		
15	16QAM	36	0	22.92	23.09	22.96	23.09	24	0
15	16QAM	36	20	22.85	23.05	22.98	22.87		
15	16QAM	36	39	22.81	22.92	22.97	22.78		
15	16QAM	75	0	22.75	23.01	22.86	22.87		
15	64QAM	1	0	22.78	23.08	22.92	23.08	24	0
15	64QAM	1	37	22.81	23.04	22.88	22.79		
15	64QAM	1	74	22.67	22.78	22.85	22.69		
15	64QAM	36	0	22.86	23.12	22.88	22.92	24	0
15	64QAM	36	20	22.87	22.90	22.95	22.83		
15	64QAM	36	39	22.74	22.91	22.83	22.78		
15	64QAM	75	0	22.86	23.00	22.92	22.87		
15	256QAM	1	0	19.86	20.04	19.84	19.99	21	3
15	256QAM	1	37	19.80	20.02	19.93	19.93		
15	256QAM	1	74	19.62	19.87	19.77	19.84		
15	256QAM	36	0	20.00	20.15	19.97	20.05	21	3
15	256QAM	36	20	19.80	20.04	19.95	19.91		
15	256QAM	36	39	19.83	19.97	19.96	19.99		
15	256QAM	75	0	19.89	20.23	20.05	20.07		
Channel				55290	55815	56155	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3535	3607.5	3642.5	3695		
10	QPSK	1	0	22.97	23.14	23.16	23.10	24	0
10	QPSK	1	25	23.01	23.02	22.99	22.96		
10	QPSK	1	49	22.89	23.05	23.02	22.93		
10	QPSK	25	0	23.05	23.20	23.06	22.93	24	0
10	QPSK	25	12	22.92	23.02	23.03	22.89		
10	QPSK	25	25	22.92	22.94	22.93	22.86		
10	QPSK	50	0	22.78	23.12	22.86	22.92		
10	16QAM	1	0	22.91	23.13	23.01	23.02	24	0
10	16QAM	1	25	22.85	22.97	22.95	22.88		
10	16QAM	1	49	22.76	22.93	22.95	22.86		
10	16QAM	25	0	22.91	23.08	22.99	23.10	24	0
10	16QAM	25	12	22.90	23.02	22.99	22.85		
10	16QAM	25	25	22.86	22.93	22.87	22.83		
10	16QAM	50	0	22.81	22.97	22.96	22.89		
10	64QAM	1	0	22.82	23.11	22.98	23.03	24	0
10	64QAM	1	25	22.87	23.00	22.94	22.89		
10	64QAM	1	49	22.72	22.84	22.87	22.73		
10	64QAM	25	0	22.90	23.10	22.88	22.94	24	0
10	64QAM	25	12	22.86	22.97	22.99	22.75		
10	64QAM	25	25	22.78	22.94	22.88	22.77		
10	64QAM	50	0	22.86	22.94	22.98	22.87		
10	256QAM	1	0	19.77	20.07	19.92	19.92	21	3
10	256QAM	1	25	19.83	20.10	19.92	19.98		
10	256QAM	1	49	19.72	19.93	19.85	19.83		
10	256QAM	25	0	19.88	20.14	20.00	20.03	21	3
10	256QAM	25	12	19.83	19.93	20.00	19.94		
10	256QAM	25	25	19.85	20.06	19.92	19.97		
10	256QAM	50	0	19.96	20.16	20.03	20.05		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3532.5	3607	3643	3697.5		
5	QPSK	1	0	23.08	23.18	23.16	23.10	24	0
5	QPSK	1	12	23.03	23.05	22.99	22.88		
5	QPSK	1	24	22.90	23.05	23.02	22.98		
5	QPSK	12	0	22.96	23.18	23.07	23.00	24	0
5	QPSK	12	7	22.95	23.01	22.96	22.97		
5	QPSK	12	13	22.83	22.98	22.90	22.88		
5	QPSK	25	0	22.79	23.07	22.84	22.93		
5	16QAM	1	0	22.94	23.13	22.98	23.08	24	0
5	16QAM	1	12	22.84	22.94	22.85	22.93		
5	16QAM	1	24	22.83	22.97	22.93	22.80		
5	16QAM	12	0	23.02	23.13	23.03	23.01	24	0
5	16QAM	12	7	22.83	23.02	22.96	22.92		
5	16QAM	12	13	22.87	22.91	22.86	22.74		
5	16QAM	25	0	22.79	23.04	22.92	22.89		
5	64QAM	1	0	22.82	23.03	22.95	23.02	24	0
5	64QAM	1	12	22.88	22.99	22.97	22.90		
5	64QAM	1	24	22.75	22.81	22.83	22.72		
5	64QAM	12	0	22.80	23.12	22.93	22.99	24	0
5	64QAM	12	7	22.87	22.97	22.95	22.75		
5	64QAM	12	13	22.76	22.94	22.86	22.82		
5	64QAM	25	0	22.87	22.96	22.95	22.77		
5	256QAM	1	0	19.81	20.02	19.90	19.99	21	3
5	256QAM	1	12	19.81	20.11	19.81	19.98		
5	256QAM	1	24	19.70	19.95	19.84	19.82		
5	256QAM	12	0	20.00	20.16	20.02	20.09	21	3
5	256QAM	12	7	19.79	20.00	19.94	19.83		
5	256QAM	12	13	19.87	19.96	19.96	20.02		
5	256QAM	25	0	19.94	20.23	20.05	20.08		

Reduced Power Mode for DSI2-Standalone

GSM850 Ant0

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	32.90	32.97	32.94	33.50	23.90	23.97	23.94	24.50
GPRS 1 Tx slot	32.83	32.94	32.91	33.50	23.83	23.94	23.91	24.50
GPRS 2 Tx slots	29.30	29.41	29.26	30.50	23.30	23.41	23.26	24.50
GPRS 3 Tx slots	28.91	28.98	28.86	30.00	24.65	24.72	24.60	25.74
GPRS 4 Tx slots	26.41	26.47	26.40	27.50	23.41	23.47	23.40	24.50
EDGE 1 Tx slot	25.42	25.46	25.37	26.50	16.42	16.46	16.37	17.50
EDGE 2 Tx slots	23.77	23.89	23.79	25.00	17.77	17.89	17.79	19.00
EDGE 3 Tx slots	22.66	22.69	22.62	23.50	18.40	18.43	18.36	19.24
EDGE 4 Tx slots	20.59	20.63	20.60	21.50	17.59	17.63	17.60	18.50

GSM1900 Ant0

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	27.61	27.66	27.57	28.50	18.61	18.66	18.57	19.50
GPRS 1 Tx slot	27.54	27.63	27.58	28.50	18.54	18.63	18.58	19.50
GPRS 2 Tx slots	24.84	24.94	24.83	26.00	18.84	18.94	18.83	20.00
GPRS 3 Tx slots	23.33	23.39	23.33	24.50	19.07	19.13	19.07	20.24
GPRS 4 Tx slots	20.70	20.75	20.68	21.50	17.70	17.75	17.68	18.50
EDGE 1 Tx slot	22.79	22.87	22.73	23.50	13.79	13.87	13.73	14.50
EDGE 2 Tx slots	21.09	21.19	21.11	22.00	15.09	15.19	15.11	16.00
EDGE 3 Tx slots	20.07	20.12	20.04	21.00	15.81	15.86	15.78	16.74
EDGE 4 Tx slots	17.96	18.09	18.04	19.00	14.96	15.09	15.04	16.00

WCDMA II Ant0 | WCDMA IV Ant0 | WCDMA V Ant0

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	20.57	20.65	20.53	22.00	20.39	20.47	20.38	22.00	22.43	22.47	22.40	24.00
3GPP Rel 99	RMC 12.2Kbps	20.62	20.68	20.57	22.00	20.45	20.51	20.41	22.00	22.45	22.52	22.46	24.00
3GPP Rel 6	HSDPA Subtest-1	19.72	19.76	19.70	21.00	19.59	19.66	19.50	21.00	21.55	21.69	21.48	23.00
3GPP Rel 6	HSDPA Subtest-2	19.66	19.73	19.65	21.00	19.50	19.58	19.52	21.00	21.46	21.60	21.54	23.00
3GPP Rel 6	HSDPA Subtest-3	19.19	19.25	19.23	20.50	19.00	19.11	19.08	20.50	21.01	21.14	21.04	22.50
3GPP Rel 6	HSDPA Subtest-4	19.15	19.30	19.21	20.50	18.96	19.18	19.03	20.50	20.98	21.24	21.06	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	19.70	19.85	19.64	21.00	19.54	19.68	19.46	21.00	21.55	21.72	21.42	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	19.56	19.59	19.41	21.00	19.38	19.40	19.32	21.00	21.34	21.42	21.32	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	19.06	19.12	19.05	20.50	18.92	18.93	18.89	20.50	20.95	20.93	20.92	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	19.02	19.15	19.12	20.50	18.90	18.99	19.01	20.50	20.89	21.00	21.03	22.50
3GPP Rel 6	HSUPA Subtest-1	19.66	19.73	19.70	21.00	19.55	19.63	19.61	21.00	21.61	21.68	21.67	23.00
3GPP Rel 6	HSUPA Subtest-2	17.71	17.75	17.64	19.00	17.54	17.60	17.51	19.00	19.57	19.63	19.50	21.00
3GPP Rel 6	HSUPA Subtest-3	18.65	18.73	18.70	20.00	18.52	18.58	18.58	20.00	20.52	20.59	20.61	22.00
3GPP Rel 6	HSUPA Subtest-4	17.61	17.66	17.57	19.00	17.44	17.51	17.48	19.00	19.45	19.52	19.49	21.00
3GPP Rel 6	HSUPA Subtest-5	19.64	19.60	19.52	21.00	19.53	19.48	19.38	21.00	21.55	21.44	21.40	23.00

Band 2 Default Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	23.11	23.16	23.07		
20	QPSK	1	49	22.93	23.02	22.89	24	0
20	QPSK	1	99	22.95	23.07	22.97		
20	QPSK	50	0	22.98	23.13	23.05		
20	QPSK	50	24	22.94	23.08	22.98	24	0
20	QPSK	50	50	22.92	23.04	22.96		
20	QPSK	100	0	22.89	23.05	22.91		
20	16QAM	1	0	22.95	23.02	22.88		
20	16QAM	1	49	22.85	22.98	22.90	24	0
20	16QAM	1	99	22.70	22.85	22.80		
20	16QAM	50	0	22.55	22.62	22.54		
20	16QAM	50	24	22.34	22.48	22.34	23.5	0.5
20	16QAM	50	50	22.35	22.42	22.27		
20	16QAM	100	0	22.39	22.52	22.47		
20	64QAM	1	0	22.72	22.80	22.72		
20	64QAM	1	49	22.68	22.76	22.67	23.5	0.5
20	64QAM	1	99	22.50	22.55	22.46		
20	64QAM	50	0	21.64	21.71	21.56		
20	64QAM	50	24	21.46	21.55	21.50	22.5	1.5
20	64QAM	50	50	21.42	21.46	21.35		
20	64QAM	100	0	21.43	21.52	21.38		
20	256QAM	1	0	19.80	19.89	19.85		
20	256QAM	1	49	19.82	19.86	19.80	20.5	3.5
20	256QAM	1	99	19.56	19.62	19.57		
20	256QAM	50	0	19.74	19.86	19.80		
20	256QAM	50	24	19.60	19.73	19.63	20.5	3.5
20	256QAM	50	50	19.70	19.81	19.76		
20	256QAM	100	0	19.67	19.78	19.67		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	23.03	23.10	22.99		
15	QPSK	1	37	22.79	22.90	22.82	24	0
15	QPSK	1	74	22.91	22.95	22.83		
15	QPSK	36	0	22.87	22.99	22.90		
15	QPSK	36	20	22.81	22.94	22.87	24	0
15	QPSK	36	39	22.87	22.96	22.82		
15	QPSK	75	0	22.91	23.00	22.89		
15	16QAM	1	0	22.90	22.90	22.79		
15	16QAM	1	37	22.77	22.86	22.83	24	0
15	16QAM	1	74	22.66	22.73	22.66		
15	16QAM	36	0	22.50	22.55	22.45		
15	16QAM	36	20	22.21	22.37	22.26	23.5	0.5
15	16QAM	36	39	22.24	22.31	22.19		
15	16QAM	75	0	22.31	22.40	22.42		
15	64QAM	1	0	22.67	22.68	22.59		
15	64QAM	1	37	22.59	22.72	22.61	23.5	0.5
15	64QAM	1	74	22.42	22.40	22.34		
15	64QAM	36	0	21.56	21.67	21.49		
15	64QAM	36	20	21.36	21.45	21.43	22.5	1.5
15	64QAM	36	39	21.28	21.35	21.23		
15	64QAM	75	0	21.38	21.37	21.29		
15	256QAM	1	0	19.65	19.84	19.70		
15	256QAM	1	37	19.68	19.81	19.77	20.5	3.5
15	256QAM	1	74	19.42	19.51	19.42		
15	256QAM	36	0	19.65	19.73	19.66		
15	256QAM	36	20	19.48	19.65	19.50	20.5	3.5
15	256QAM	36	39	19.58	19.71	19.67		
15	256QAM	75	0	19.58	19.71	19.56		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	23.02	23.04	23.00		
10	QPSK	1	25	22.87	22.88	22.81	24	0
10	QPSK	1	49	22.92	22.94	22.82		
10	QPSK	25	0	22.83	23.01	23.01		
10	QPSK	25	12	22.81	23.00	22.94	24	0
10	QPSK	25	25	22.80	22.89	22.85		
10	QPSK	50	0	22.89	22.95	22.91		
10	16QAM	1	0	22.88	22.90	22.86		
10	16QAM	1	25	22.79	22.91	22.85	24	0
10	16QAM	1	49	22.59	22.72	22.75		
10	16QAM	25	0	22.48	22.51	22.42		
10	16QAM	25	12	22.20	22.34	22.20	23.5	0.5
10	16QAM	25	25	22.26	22.27	22.20		
10	16QAM	50	0	22.28	22.44	22.37		
10	64QAM	1	0	22.60	22.76	22.60		
10	64QAM	1	25	22.56	22.64	22.58	23.5	0.5
10	64QAM	1	49	22.43	22.45	22.32		
10	64QAM	25	0	21.56	21.65	21.46		
10	64QAM	25	12	21.33	21.46	21.44	22.5	1.5
10	64QAM	25	25	21.39	21.36	21.28		
10	64QAM	50	0	21.31	21.39	21.27		
10	256QAM	1	0	19.76	19.86	19.77		
10	256QAM	1	25	19.77	19.82	19.68	20.5	3.5
10	256QAM	1	49	19.52	19.50	19.53		
10	256QAM	25	0	19.60	19.82	19.70		
10	256QAM	25	12	19.46	19.61	19.51	20.5	3.5
10	256QAM	25	25	19.63	19.71	19.66		
10	256QAM	50	0	19.52	19.66	19.61		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	23.02	23.06	22.99		
5	QPSK	1	12	22.88	22.95	22.74	24	0
5	QPSK	1	24	22.90	22.95	22.94		
5	QPSK	12	0	22.93	23.02	22.90		
5	QPSK	12	7	22.89	23.03	22.87	24	0
5	QPSK	12	13	22.80	22.98	22.82		
5	QPSK	25	0	22.88	22.93	22.92		
5	16QAM	1	0	22.91	22.88	22.83		
5	16QAM	1	12	22.79	22.91	22.82	24	0
5	16QAM	1	24	22.58	22.74	22.70		
5	16QAM	12	0	22.40	22.49	22.41		
5	16QAM	12	7	22.22	22.41	22.27	23.5	0.5
5	16QAM	12	13	22.31	22.27	22.14		
5	16QAM	25	0	22.26	22.38	22.37		
5	64QAM	1	0	22.59	22.68	22.64		
5	64QAM	1	12	22.61	22.73	22.63	23.5	0.5
5	64QAM	1	24	22.42	22.40	22.34		
5	64QAM	12	0	21.54	21.68	21.43		
5	64QAM	12	7	21.31	21.46	21.42	22.5	1.5
5	64QAM	12	13	21.29	21.32	21.21		
5	64QAM	25	0	21.30	21.45	21.29		
5	256QAM	1	0	19.74	19.94	19.67		
5	256QAM	1	12	19.75	19.78	19.67	20.5	3.5
5	256QAM	1	24	19.49	19.55	19.49		
5	256QAM	12	0	19.66	19.75	19.71		
5	256QAM	12	7	19.51	19.69	19.55	20.5	3.5
5	256QAM	12	13	19.67	19.74	19.64		
5	256QAM	25	0	19.62	19.73	19.58		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	23.01	23.02	22.96		
3	QPSK	1	8	22.89	22.91	22.86	24	0
3	QPSK	1	14	22.89	22.95	22.83		
3	QPSK	8	0	22.91	23.06	22.98		
3	QPSK	8	4	22.83	23.04	22.92	24	0
3	QPSK	8	7	22.86	22.99	22.83		
3	QPSK	15	0	22.87	22.98	22.90		
3	16QAM	1	0	22.85	22.98	22.83		
3	16QAM	1	8	22.71	22.87	22.78	24	0
3	16QAM	1	14	22.59	22.74	22.65		
3	16QAM	8	0	22.41	22.57	22.40		
3	16QAM	8	4	22.23	22.41	22.24	23.5	0.5
3	16QAM	8	7	22.31	22.33	22.14		
3	16QAM	15	0	22.31	22.45	22.41		
3	64QAM	1	0	22.59	22.77	22.60		
3	64QAM	1	8	22.55	22.67	22.54	23.5	0.5
3	64QAM	1	14	22.42	22.43	22.38		
3	64QAM	8	0	21.56	21.59	21.52		
3	64QAM	8	4	21.35	21.45	21.35	22.5	1.5
3	64QAM	8	7	21.34	21.33	21.27		
3	64QAM	15	0	21.34	21.44	21.30		
3	256QAM	1	0	19.77	19.76	19.69		
3	256QAM	1	8	19.76	19.79	19.65	20.5	3.5
3	256QAM	1	14	19.52	19.58	19.51		
3	256QAM	8	0	19.71	19.75	19.75		
3	256QAM	8	4	19.50	19.68	19.59	20.5	3.5
3	256QAM	8	7	19.60	19.66	19.73		
3	256QAM	15	0	19.63	19.70	19.59		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	23.04	23.11	23.01		
1.4	QPSK	1	3	22.83	22.95	22.74		
1.4	QPSK	1	5	22.86	22.99	22.85	24	0
1.4	QPSK	3	0	22.85	23.08	23.01		
1.4	QPSK	3	1	22.85	23.04	22.84		
1.4	QPSK	3	3	22.78	22.94	22.88		
1.4	QPSK	6	0	22.84	23.00	22.90	24	0
1.4	16QAM	1	0	22.80	22.93	22.87		
1.4	16QAM	1	3	22.82	22.86	22.78		
1.4	16QAM	1	5	22.86	22.93	22.90	24	0
1.4	16QAM	3	0	22.83	22.95	22.79		
1.4	16QAM	3	1	22.78	22.88	22.80		
1.4	16QAM	3	3	22.61	22.77	22.73		
1.4	16QAM	6	0	22.51	22.52	22.43	23.5	0.5
1.4	64QAM	1	0	22.19	22.34	22.24		
1.4	64QAM	1	3	22.21	22.32	22.21		
1.4	64QAM	1	5	22.25	22.45	22.39	23.5	0.5
1.4	64QAM	3	0	22.58	22.77	22.63		
1.4	64QAM	3	1	22.60	22.67	22.52		
1.4	64QAM	3	3	22.35	22.40	22.40		
1.4	64QAM	6	0	21.53	21.61	21.43	22.5	1.5
1.4	256QAM	1	0	19.76	19.83	19.76		
1.4	256QAM	1	3	19.77	19.82	19.69		
1.4	256QAM	1	5	19.47	19.55	19.49	20.5	3.5
1.4	256QAM	3	0	19.67	19.82	19.67		
1.4	256QAM	3	1	19.47	19.66	19.54		
1.4	256QAM	3	3	19.62	19.75	19.72		
1.4	256QAM	6	0	19.57	19.73	19.54	20.5	3.5

Band 4 Default Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	23.07	23.21	23.15		
20	QPSK	1	49	22.94	23.09	23.06	24	0
20	QPSK	1	99	22.89	23.02	23.00		
20	QPSK	50	0	22.97	23.18	23.05		
20	QPSK	50	24	23.02	23.09	22.99	24	0
20	QPSK	50	50	22.95	23.02	22.95		
20	QPSK	100	0	23.03	23.14	23.04		
20	16QAM	1	0	22.93	23.07	22.87		
20	16QAM	1	49	22.87	22.91	22.91	24	0
20	16QAM	1	99	22.75	22.87	22.83		
20	16QAM	50	0	22.72	22.92	22.75		
20	16QAM	50	24	22.66	22.80	22.75	23.5	0.5
20	16QAM	50	50	22.63	22.73	22.71		
20	16QAM	100	0	22.75	22.86	22.78		
20	64QAM	1	0	22.80	22.86	22.81		
20	64QAM	1	49	22.78	22.76	22.83	23.5	0.5
20	64QAM	1	99	22.65	22.82	22.69		
20	64QAM	50	0	21.86	21.97	21.80		
20	64QAM	50	24	21.79	21.80	21.76	22.5	1.5
20	64QAM	50	50	21.75	21.73	21.70		
20	64QAM	100	0	21.73	21.89	21.71		
20	256QAM	1	0	19.91	20.01	19.84		
20	256QAM	1	49	19.74	19.88	19.86	20.5	3.5
20	256QAM	1	99	19.77	19.78	19.72		
20	256QAM	50	0	19.77	19.98	19.88		
20	256QAM	50	24	19.76	19.80	19.73	20.5	3.5
20	256QAM	50	50	19.72	19.74	19.74		
20	256QAM	100	0	19.70	19.83	19.67		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	23.02	23.14	23.06		
15	QPSK	1	37	22.88	23.01	23.01	24	0
15	QPSK	1	74	22.85	22.95	22.96		
15	QPSK	36	0	22.87	23.05	23.01		
15	QPSK	36	20	22.95	23.06	22.87	24	0
15	QPSK	36	39	22.87	23.02	22.93		
15	QPSK	75	0	22.95	23.04	22.95		
15	16QAM	1	0	22.83	23.04	22.72		
15	16QAM	1	37	22.82	22.77	22.82	24	0
15	16QAM	1	74	22.67	22.80	22.75		
15	16QAM	36	0	22.62	22.84	22.67		
15	16QAM	36	20	22.59	22.70	22.68	23.5	0.5
15	16QAM	36	39	22.49	22.62	22.65		
15	16QAM	75	0	22.62	22.81	22.63		
15	64QAM	1	0	22.69	22.84	22.66		
15	64QAM	1	37	22.72	22.70	22.77	23.5	0.5
15	64QAM	1	74	22.50	22.73	22.57		
15	64QAM	36	0	21.71	21.91	21.66		
15	64QAM	36	20	21.71	21.72	21.70	22.5	1.5
15	64QAM	36	39	21.64	21.67	21.59		
15	64QAM	75	0	21.69	21.84	21.63		
15	256QAM	1	0	19.88	19.91	19.77		
15	256QAM	1	37	19.68	19.81	19.78	20.5	3.5
15	256QAM	1	74	19.65	19.73	19.63		
15	256QAM	36	0	19.62	19.88	19.78		
15	256QAM	36	20	19.66	19.67	19.69	20.5	3.5
15	256QAM	36	39	19.61	19.64	19.71		
15	256QAM	75	0	19.62	19.70	19.60		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.94	23.10	23.01		
10	QPSK	1	25	22.82	22.98	23.01	24	0
10	QPSK	1	49	22.76	22.96	22.92		
10	QPSK	25	0	22.88	23.13	22.93		
10	QPSK	25	12	22.89	23.04	22.94	24	0
10	QPSK	25	25	22.85	22.90	22.89		
10	QPSK	50	0	22.92	23.11	22.99		
10	16QAM	1	0	22.80	22.97	22.75		
10	16QAM	1	25	22.82	22.87	22.85	24	0
10	16QAM	1	49	22.67	22.80	22.71		
10	16QAM	25	0	22.59	22.78	22.66		
10	16QAM	25	12	22.57	22.69	22.66	23.5	0.5
10	16QAM	25	25	22.60	22.69	22.56		
10	16QAM	50	0	22.62	22.75	22.74		
10	64QAM	1	0	22.76	22.86	22.72		
10	64QAM	1	25	22.75	22.66	22.79	23.5	0.5
10	64QAM	1	49	22.50	22.78	22.63		
10	64QAM	25	0	21.77	21.92	21.72		
10	64QAM	25	12	21.73	21.69	21.72	22.5	1.5
10	64QAM	25	25	21.60	21.64	21.61		
10	64QAM	50	0	21.64	21.80	21.68		
10	256QAM	1	0	19.83	19.87	19.76		
10	256QAM	1	25	19.61	19.84	19.82	20.5	3.5
10	256QAM	1	49	19.67	19.67	19.66		
10	256QAM	25	0	19.66	19.84	19.80		
10	256QAM	25	12	19.66	19.66	19.65	20.5	3.5
10	256QAM	25	25	19.65	19.61	19.64		
10	256QAM	50	0	19.55	19.78	19.62		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	23.01	23.08	23.06		
5	QPSK	1	12	22.80	23.04	22.97	24	0
5	QPSK	1	24	22.79	23.01	22.91		
5	QPSK	12	0	22.88	23.15	22.93		
5	QPSK	12	7	22.87	23.06	22.94	24	0
5	QPSK	12	13	22.88	22.93	22.80		
5	QPSK	25	0	22.91	23.08	22.98		
5	16QAM	1	0	22.90	23.01	22.84		
5	16QAM	1	12	22.82	22.94	22.78	24	0
5	16QAM	1	24	22.70	22.76	22.72		
5	16QAM	12	0	22.62	22.89	22.69		
5	16QAM	12	7	22.63	22.73	22.66	23.5	0.5
5	16QAM	12	13	22.67	22.71	22.66		
5	16QAM	25	0	22.67	22.71	22.66		
5	64QAM	1	0	22.73	22.93	22.68		
5	64QAM	1	12	22.75	22.70	22.73	23.5	0.5
5	64QAM	1	24	22.50	22.69	22.62		
5	64QAM	12	0	21.78	21.83	21.73		
5	64QAM	12	7	21.68	21.77	21.67	22.5	1.5
5	64QAM	12	13	21.68	21.59	21.61		
5	64QAM	25	0	21.70	21.84	21.66		
5	256QAM	1	0	19.77	19.96	19.70		
5	256QAM	1	12	19.68	19.74	19.81	20.5	3.5
5	256QAM	1	24	19.72	19.63	19.68		
5	256QAM	12	0	19.69	19.86	19.78		
5	256QAM	12	7	19.72	19.74	19.67	20.5	3.5
5	256QAM	12	13	19.69	19.69	19.66		
5	256QAM	25	0	19.64	19.77	19.53		
Channel				19925	20175	20425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.93	23.07	23.02		
3	QPSK	1	8	22.79	23.02	22.92	24	0
3	QPSK	1	14	22.80	23.01	22.95		
3	QPSK	8	0	22.92	23.07	22.90		
3	QPSK	8	4	22.95	22.98	22.95	24	0
3	QPSK	8	7	22.92	22.88	22.81		
3	QPSK	15	0	22.99	23.03	22.94		
3	16QAM	1	0	22.81	22.96	22.80		
3	16QAM	1	8	22.77	22.78	22.79	24	0
3	16QAM	1	14	22.62	22.82	22.80		
3	16QAM	8	0	22.58	22.80	22.71		
3	16QAM	8	4	22.57	22.72	22.62	23.5	0.5
3	16QAM	8	7	22.51	22.65	22.67		
3	16QAM	15	0	22.62	22.72	22.67		
3	64QAM	1	0	22.66	22.91	22.76		
3	64QAM	1	8	22.63	22.67	22.68	23.5	0.5
3	64QAM	1	14	22.52	22.77	22.63		
3	64QAM	8	0	21.71	21.94	21.70		
3	64QAM	8	4	21.69	21.77	21.67	22.5	1.5
3	64QAM	8	7	21.70	21.67	21.59		
3	64QAM	15	0	21.61	21.78	21.64		
3	256QAM	1	0	19.79	19.97	19.81		
3	256QAM	1	8	19.60	19.83	19.75	20.5	3.5
3	256QAM	1	14	19.74	19.67	19.66		
3	256QAM	8	0	19.74	19.94	19.75		
3	256QAM	8	4	19.66	19.76	19.62	20.5	3.5
3	256QAM	8	7	19.63	19.62	19.63		
3	256QAM	15	0	19.57	19.70	19.60		
Channel				19907	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.96	23.16	23.01		
1.4	QPSK	1	3	22.87	22.99	22.98		
1.4	QPSK	1	5	22.84	22.94	22.94	24	0
1.4	QPSK	3	0	22.87	23.11	22.94		
1.4	QPSK	3	1	22.89	23.03	22.87		
1.4	QPSK	3	3	22.85	22.98	22.81		
1.4	QPSK	6	0	22.95	23.06	22.99	24	0
1.4	16QAM	1	0	22.82	22.96	22.75		
1.4	16QAM	1	3	22.74	22.84	22.88		
1.4	16QAM	1	5	22.65	22.76	22.68	24	0
1.4	16QAM	3	0	22.66	22.83	22.62		
1.4	16QAM	3	1	22.56	22.73	22.69		
1.4	16QAM	3	3	22.67	22.77	22.75		
1.4	16QAM	6	0	22.62	22.80	22.71	23.5	0.5
1.4	64QAM	1	0	22.52	22.74	22.69		
1.4	64QAM	1	3	22.52	22.62	22.58		
1.4	64QAM	1	5	22.68	22.82	22.69	23.5	0.5
1.4	64QAM	3	0	22.71	22.82	22.74		
1.4	64QAM	3	1	22.63	22.64	22.79		
1.4	64QAM	3	3	22.53	22.68	22.59		
1.4	64QAM	6	0	21.81	21.87	21.75	22.5	1.5
1.4	256QAM	1	0	19.77	19.93	19.81		
1.4	256QAM	1	3	19.64	19.80	19.78		
1.4	256QAM	1	5	19.63	19.65	19.66	20.5	3.5
1.4	256QAM	3	0	19.69	19.85	19.81		
1.4	256QAM	3	1	19.67	19.75	19.60		
1.4	256QAM	3	3	19.63	19.69	19.70		
1.4	256QAM	6	0	19.64	19.73	19.58	20.5	3.5

Band 5 Default Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.52	22.57	22.46		
10	QPSK	1	25	22.36	22.46	22.32	24	0
10	QPSK	1	49	22.31	22.39	22.28		
10	QPSK	25	0	22.37	22.54	22.41		
10	QPSK	25	12	22.33	22.45	22.35	24	0
10	QPSK	25	25	22.24	22.30	22.27		
10	QPSK	50	0	22.31	22.45	22.30		
10	16QAM	1	0	22.26	22.47	22.31		
10	16QAM	1	25	22.31

Band 12 Default Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	22.84	22.92	22.79	24	0
10	QPSK	1	25	22.76	22.81	22.64		
10	QPSK	1	49	22.60	22.68	22.62		
10	QPSK	25	0	22.63	22.82	22.72	24	0
10	QPSK	25	12	22.59	22.68	22.61		
10	QPSK	25	25	22.56	22.60	22.63		
10	QPSK	50	0	22.65	22.77	22.62		
10	16QAM	1	0	22.54	22.72	22.60	24	0
10	16QAM	1	25	22.54	22.59	22.58		
10	16QAM	1	49	22.44	22.55	22.46		
10	16QAM	25	0	22.35	22.51	22.41	23.5	0.5
10	16QAM	25	12	22.32	22.43	22.28		
10	16QAM	25	25	22.30	22.35	22.28		
10	16QAM	50	0	22.37	22.47	22.28		
10	64QAM	1	0	22.26	22.41	22.29	23.5	0.5
10	64QAM	1	25	22.14	22.25	22.19		
10	64QAM	1	49	22.10	22.22	22.16		
10	64QAM	25	0	21.54	21.67	21.50	22.5	1.5
10	64QAM	25	12	21.44	21.58	21.51		
10	64QAM	25	25	21.39	21.44	21.44		
10	64QAM	50	0	21.43	21.54	21.41		
10	256QAM	1	0	19.33	19.55	19.40	20.5	3.5
10	256QAM	1	25	19.33	19.40	19.38		
10	256QAM	1	49	19.30	19.33	19.28		
10	256QAM	25	0	19.30	19.51	19.41	20.5	3.5
10	256QAM	25	12	19.29	19.34	19.30		
10	256QAM	25	25	19.20	19.33	19.22		
10	256QAM	50	0	19.23	19.45	19.26		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.77	22.86	22.74	24	0
5	QPSK	1	12	22.63	22.69	22.56		
5	QPSK	1	24	22.47	22.54	22.47		
5	QPSK	12	0	22.50	22.75	22.58	24	0
5	QPSK	12	7	22.45	22.55	22.51		
5	QPSK	12	13	22.53	22.45	22.51		
5	QPSK	25	0	22.56	22.69	22.56		
5	16QAM	1	0	22.42	22.62	22.48	24	0
5	16QAM	1	12	22.50	22.48	22.47		
5	16QAM	1	24	22.33	22.52	22.36		
5	16QAM	12	0	22.30	22.47	22.28	23.5	0.5
5	16QAM	12	7	22.28	22.33	22.19		
5	16QAM	12	13	22.19	22.24	22.19		
5	16QAM	25	0	22.31	22.34	22.19		
5	64QAM	1	0	22.15	22.30	22.22	23.5	0.5
5	64QAM	1	12	22.04	22.12	22.10		
5	64QAM	1	24	21.96	22.07	22.07		
5	64QAM	12	0	21.48	21.63	21.41	22.5	1.5
5	64QAM	12	7	21.34	21.53	21.47		
5	64QAM	12	13	21.29	21.32	21.33		
5	64QAM	25	0	21.33	21.48	21.34		
5	256QAM	1	0	19.35	19.45	19.31	20.5	3.5
5	256QAM	1	12	19.21	19.31	19.26		
5	256QAM	1	24	19.17	19.23	19.18		
5	256QAM	12	0	19.16	19.37	19.26	20.5	3.5
5	256QAM	12	7	19.22	19.27	19.27		
5	256QAM	12	13	19.07	19.21	19.11		
5	256QAM	25	0	19.13	19.31	19.12		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.78	22.81	22.72	24	0
3	QPSK	1	8	22.70	22.76	22.50		
3	QPSK	1	14	22.53	22.54	22.57		
3	QPSK	8	0	22.49	22.79	22.57	24	0
3	QPSK	8	4	22.51	22.61	22.48		
3	QPSK	8	7	22.49	22.49	22.57		
3	QPSK	15	0	22.54	22.73	22.58		
3	16QAM	1	0	22.39	22.59	22.47	24	0
3	16QAM	1	8	22.48	22.48	22.48		
3	16QAM	1	14	22.38	22.44	22.38		
3	16QAM	8	0	22.26	22.44	22.28	23.5	0.5
3	16QAM	8	4	22.23	22.37	22.16		
3	16QAM	8	7	22.22	22.22	22.20		
3	16QAM	15	0	22.23	22.35	22.19		
3	64QAM	1	0	22.23	22.28	22.17	23.5	0.5
3	64QAM	1	8	22.02	22.10	22.09		
3	64QAM	1	14	22.02	22.15	22.04		
3	64QAM	8	0	21.45	21.61	21.40	22.5	1.5
3	64QAM	8	4	21.40	21.48	21.37		
3	64QAM	8	7	21.35	21.36	21.33		
3	64QAM	15	0	21.37	21.50	21.31		
3	256QAM	1	0	19.28	19.41	19.36	20.5	3.5
3	256QAM	1	8	19.26	19.31	19.24		
3	256QAM	1	14	19.23	19.30	19.21		
3	256QAM	8	0	19.18	19.46	19.28	20.5	3.5
3	256QAM	8	4	19.18	19.22	19.18		
3	256QAM	8	7	19.06	19.22	19.07		
3	256QAM	15	0	19.18	19.40	19.14		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.76	22.83	22.75	24	0
1.4	QPSK	1	3	22.65	22.67	22.51		
1.4	QPSK	1	5	22.48	22.57	22.53		
1.4	QPSK	3	0	22.50	22.67	22.67		
1.4	QPSK	3	1	22.54	22.55	22.56		
1.4	QPSK	3	3	22.44	22.54	22.57		
1.4	QPSK	6	0	22.59	22.73	22.56	24	0
1.4	16QAM	1	0	22.50	22.62	22.56	24	0
1.4	16QAM	1	3	22.49	22.46	22.50		
1.4	16QAM	1	5	22.40	22.46	22.43		
1.4	16QAM	3	0	22.47	22.60	22.56		
1.4	16QAM	3	1	22.49	22.45	22.47		
1.4	16QAM	3	3	22.37	22.48	22.40		
1.4	16QAM	6	0	22.17	22.30	22.14	23.5	0.5
1.4	64QAM	1	0	22.33	22.41	22.29	23.5	0.5
1.4	64QAM	1	3	22.22	22.40	22.17		
1.4	64QAM	1	5	22.13	22.33	22.16		
1.4	64QAM	3	0	22.05	22.21	22.09		
1.4	64QAM	3	1	21.99	22.16	22.05		
1.4	64QAM	3	3	22.22	22.28	22.16		
1.4	64QAM	6	0	21.45	21.60	21.41	22.5	1.5
1.4	256QAM	1	0	19.29	19.47	19.32	20.5	3.5
1.4	256QAM	1	3	19.21	19.31	19.24		
1.4	256QAM	1	5	19.22	19.27	19.22		
1.4	256QAM	3	0	19.18	19.37	19.34		
1.4	256QAM	3	1	19.16	19.21	19.24		
1.4	256QAM	3	3	19.15	19.21	19.09		
1.4	256QAM	6	0	19.17	19.35	19.18	20.5	3.5

Band 13 Default Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		23.07		24	0
10	QPSK	1	25		23.04			
10	QPSK	1	49		22.92			
10	QPSK	25	0		22.98		24	0
10	QPSK	25	12		22.85			
10	QPSK	25	25		22.82			
10	QPSK	50	0		22.95			
10	16QAM	1	0		22.91		24	0
10	16QAM	1	25		22.86			
10	16QAM	1	49		22.79			
10	16QAM	25	0		22.74		23.5	0.5
10	16QAM	25	12		22.62			
10	16QAM	25	25		22.54			
10	16QAM	50	0		22.70			
10	64QAM	1	0		22.62		23.5	0.5
10	64QAM	1	25		22.41			
10	64QAM	1	49		22.49			
10	64QAM	25	0		21.91		22.5	1.5
10	64QAM	25	12		21.77			
10	64QAM	25	25		21.67			
10	64QAM	50	0		21.77			
10	256QAM	1	0		19.82		20.5	3.5
10	256QAM	1	25		19.62			
10	256QAM	1	49		19.55			
10	256QAM	25	0		19.69		20.5	3.5
10	256QAM	25	12		19.58			
10	256QAM	25	25		19.55			
10	256QAM	50	0		19.68			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.93	23.03	22.99	24	0
5	QPSK	1	12	22.90	23.00	22.92		
5	QPSK	1	24	22.84	22.85	22.80		
5	QPSK	12	0	22.95	22.84	22.93	24	0
5	QPSK	12	7	22.77	22.71	22.73		
5	QPSK	12	13	22.71	22.75	22.68		
5	QPSK	25	0	22.88	22.91	22.91		
5	16QAM	1	0	22.86	22.80	22.87	24	0
5	16QAM	1	12	22.72	22.78	22.71		
5	16QAM	1	24	22.67	22.69	22.74		
5	16QAM	12	0	22.62	22.60	22.65	23.5	0.5
5	16QAM	12	7	22.49	22.55	22.58		
5	16QAM	12	13	22.43	22.49	22.45		
5	16QAM	25	0	22.67	22.66	22.63		
5	64QAM	1	0	22.53	22.55	22.47	23.5	0.5
5	64QAM	1	12	22.33	22.32	22.27		
5	64QAM	1	24	22.39	22.42	22.45		
5	64QAM	12	0	21.79	21.83	21.82	22.5	1.5
5	64QAM	12	7	21.62	21.66	21.70		
5	64QAM	12	13	21.61	21.55	21.59		
5	64QAM	25	0	21.71	21.66	21.73		
5	256QAM	1	0	19.77	19.78	19.74	20.5	3.5
5	256QAM	1	12	19.56	19.48	19.51		
5	256QAM	1	24	19.41	19.47	19.50		
5	256QAM	12	0	19.59	19.55	19.64	20.5	3.5
5	256QAM	12	7	19.55	19.52	19.53		
5	256QAM	12	13	19.46	19.43	19.52		
5	256QAM	25	0	19.57	19.56	19.60		

Band 14 Default Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23330			
Frequency (MHz)					793			
10	QPSK	1	0		23.06		24	0
10	QPSK	1	25		23.00			
10	QPSK	1	49		22.86			
10	QPSK	25	0		22.95		24	0
10	QPSK	25	12		22.81			
10	QPSK	25	25		22.78			
10	QPSK	50	0		22.93			
10	16QAM	1	0		22.86		24	0
10	16QAM	1	25		22.78			
10	16QAM	1	49		22.77			
10	16QAM	25	0		22.75		23.5	0.5
10	16QAM	25	12		22.60			
10	16QAM	25	25		22.46			
10	16QAM	50	0		22.64			
10	64QAM	1	0		22.56		23.5	0.5
10	64QAM	1	25		22.38			
10	64QAM	1	49		22.49			
10	64QAM	25	0		21.88		22.5	1.5
10	64QAM	25	12		21.70			
10	64QAM	25	25		21.63			
10	64QAM	50	0		21.69			
10	256QAM	1	0		19.77		20.5	3.5
10	256QAM	1	25		19.55			
10	256QAM	1	49		19.49			
10	256QAM	25	0		19.61		20.5	3.5
10	256QAM	25	12		19.51			
10	256QAM	25	25		19.48			
10	256QAM	50	0		19.66			
Channel				23305	23330	23355	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	0	22.92	22.99	22.97	24	0
5	QPSK	1	12	22.87	22.90	22.86		
5	QPSK	1	24	22.75	22.79	22.74		
5	QPSK	12	0	22.90	22.90	22.83	24	0
5	QPSK	12	7	22.77	22.68	22.77		
5	QPSK	12	13	22.70	22.67	22.64		
5	QPSK	25	0	22.82	22.84	22.86		
5	16QAM	1	0	22.78	22.83	22.78	24	0
5	16QAM	1	12	22.70	22.68	22.64		
5	16QAM	1	24	22.62	22.73	22.64		
5	16QAM	12	0	22.60	22.72	22.67	23.5	0.5
5	16QAM	12	7	22.54	22.51	22.51		
5	16QAM	12	13	22.37	22.40	22.40		
5	16QAM	25	0	22.55	22.53	22.50		
5	64QAM	1	0	22.52	22.52	22.46	23.5	0.5
5	64QAM	1	12	22.28	22.30	22.27		
5	64QAM	1	24	22.44	22.43	22.41		
5	64QAM	12	0	21.74	21.74	21.76	22.5	1.5
5	64QAM	12	7	21.63	21.64	21.58		
5	64QAM	12	13	21.59	21.59	21.52		
5	64QAM	25	0	21.55	21.64	21.66		
5	256QAM	1	0	19.63	19.72	19.65	20.5	3.5
5	256QAM	1	12	19.44	19.46	19.44		
5	256QAM	1	24	19.35	19.44	19.44		
5	256QAM	12	0	19.48	19.47	19.57	20.5	3.5
5	256QAM	12	7	19.38	19.37	19.39		
5	256QAM	12	13	19.35	19.36	19.34		
5	256QAM	25	0	19.53	19.56	19.62		

Band 17 Default Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	22.65	22.73	22.70	24	0
10	QPSK	1	25	22.57	22.60	22.59		
10	QPSK	1	49	22.46	22.51	22.46		
10	QPSK	25	0	22.46	22.66	22.54	24	0
10	QPSK	25	12	22.49	22.53	22.42		
10	QPSK	25	25	22.41	22.48	22.47		
10	QPSK	50	0	22.49	22.62	22.44		
10	16QAM	1	0	22.49	22.60	22.45	24	0
10	16QAM	1	25	22.39	22.48	22.41		
10	16QAM	1	49	22.30	22.40	22.38		
10	16QAM	25	0	22.36	22.58	22.49	23.5	0.5
10	16QAM	25	12	22.38	22.40	22.43		
10	16QAM	25	25	22.30	22.41	22.40		
10	16QAM	50	0	22.24	22.38	22.33		
10	64QAM	1	0	22.39	22.56	22.46	23.5	0.5
10	64QAM	1	25	22.37	22.42	22.40		
10	64QAM	1	49	22.32	22.40	22.29		
10	64QAM	25	0	21.37	21.54	21.36	22.5	1.5
10	64QAM	25	12	21.28	21.39	21.36		
10	64QAM	25	25	21.32	21.36	21.32		
10	64QAM	50	0	21.19	21.28	21.29		
10	256QAM	1	0	19.59	19.71	19.63	20.5	3.5
10	256QAM	1	25	19.45	19.53	19.56		
10	256QAM	1	49	19.44	19.57	19.51		
10	256QAM	25	0	19.44	19.55	19.43	20.5	3.5
10	256QAM	25	12	19.34	19.44	19.33		
10	256QAM	25	25	19.34	19.39	19.37		
10	256QAM	50	0	19.28	19.32	19.22		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.53	22.69	22.65	24	0
5	QPSK	1	12	22.53	22.55	22.48		
5	QPSK	1	24	22.33	22.41	22.37		
5	QPSK	12	0	22.36	22.57	22.44	24	0
5	QPSK	12	7	22.44	22.40	22.38		
5	QPSK	12	13	22.28	22.41	22.43		
5	QPSK	25	0	22.46	22.49	22.32		
5	16QAM	1	0	22.38	22.52	22.31	24	0
5	16QAM	1	12	22.26	22.39	22.35		
5	16QAM	1	24	22.16	22.32	22.32		
5	16QAM	12	0	22.27	22.45	22.35	23.5	0.5
5	16QAM	12	7	22.33	22.32	22.35		
5	16QAM	12	13	22.19	22.34	22.27		
5	16QAM	25	0	22.11	22.24	22.19		
5	64QAM	1	0	22.24	22.48	22.35	23.5	0.5
5	64QAM	1	12	22.29	22.34	22.29		
5	64QAM	1	24	22.17	22.33	22.14		
5	64QAM	12	0	21.33	21.42	21.31	22.5	1.5
5	64QAM	12	7	21.24	21.27	21.22		
5	64QAM	12	13	21.19	21.23	21.25		
5	64QAM	25	0	21.07	21.23	21.24		
5	256QAM	1	0	19.50	19.65	19.49	20.5	3.5
5	256QAM	1	12	19.33	19.42	19.50		
5	256QAM	1	24	19.41	19.43	19.47		
5	256QAM	12	0	19.31	19.51	19.33	20.5	3.5
5	256QAM	12	7	19.27	19.34	19.22		
5	256QAM	12	13	19.20	19.33	19.27		
5	256QAM	25	0	19.24	19.26	19.16		

Band 25 Default Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	23.16	23.21	23.18	24	0
20	QPSK	1	49	23.03	23.03	23.09		
20	QPSK	1	99	22.97	23.01	23.03		
20	QPSK	50	0	23.00	23.15	23.05	24	0
20	QPSK	50	24	22.95	23.03	22.95		
20	QPSK	50	50	22.88	22.99	22.86		
20	QPSK	100	0	22.91	23.01	22.92		
20	16QAM	1	0	22.96	23.09	22.91	24	0
20	16QAM	1	49	22.94	22.99	22.95		
20	16QAM	1	99	22.81	22.87	22.80		
20	16QAM	50	0	22.79	22.93	22.83	23.5	0.5
20	16QAM	50	24	22.75	22.80	22.75		
20	16QAM	50	50	22.61	22.72	22.70		
20	16QAM	100	0	22.62	22.66	22.61		
20	64QAM	1	0	22.86	23.05	22.91	23.5	0.5
20	64QAM	1	49	22.79	22.95	22.87		
20	64QAM	1	99	22.79	22.82	22.82		
20	64QAM	50	0	21.82	21.95	21.79	22.5	1.5
20	64QAM	50	24	21.78	21.79	21.74		
20	64QAM	50	50	21.73	21.82	21.72		
20	64QAM	100	0	21.69	21.66	21.64		
20	256QAM	1	0	19.90	20.04	19.89	20.5	3.5
20	256QAM	1	49	19.79	19.90	19.83		
20	256QAM	1	99	19.77	19.85	19.78		
20	256QAM	50	0	19.87	19.98	19.87	20.5	3.5
20	256QAM	50	24	19.77	19.90	19.74		
20	256QAM	50	50	19.70	19.74	19.71		
20	256QAM	100	0	19.62	19.74	19.68		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	23.05	23.13	23.04	24	0
15	QPSK	1	37	22.99	22.90	23.00		
15	QPSK	1	74	22.84	22.90	22.97		
15	QPSK	36	0	22.94	23.01	22.95	24	0
15	QPSK	36	20	22.82	22.96	22.88		
15	QPSK	36	39	22.84	22.95	22.75		
15	QPSK	75	0	22.77	22.98	22.79		
15	16QAM	1	0	22.92	22.98	22.84	24	0
15	16QAM	1	37	22.81	22.87	22.85		
15	16QAM	1	74	22.68	22.79	22.74		
15	16QAM	36	0	22.70	22.81	22.75	23.5	0.5
15	16QAM	36	20	22.68	22.66	22.62		
15	16QAM	36	39	22.48	22.61	22.64		
15	16QAM	75	0	22.49	22.53	22.50		
15	64QAM	1	0	22.74	22.90	22.77	23.5	0.5
15	64QAM	1	37	22.70	22.82	22.77		
15	64QAM	1	74	22.70	22.68	22.68		
15	64QAM	36	0	21.74	21.85	21.65	22.5	1.5
15	64QAM	36	20	21.72	21.68	21.69		
15	64QAM	36	39	21.68	21.79	21.59		
15	64QAM	75	0	21.55	21.54	21.60		
15	256QAM	1	0	19.76	19.96	19.85	20.5	3.5
15	256QAM	1	37	19.75	19.79	19.79		
15	256QAM	1	74	19.67	19.70	19.73		
15	256QAM	36	0	19.78	19.83	19.77	20.5	3.5
15	256QAM	36	20	19.69	19.87	19.60		
15	256QAM	36	39	19.57	19.70	19.61		
15	256QAM	75	0	19.55	19.66	19.55		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	23.03	23.09	23.05	24	0
10	QPSK	1	25	22.94	22.92	22.98		
10	QPSK	1	49	22.90	22.95	22.90		
10	QPSK	25	0	22.90	23.04	22.99	24	0
10	QPSK	25	12	22.87	22.89	22.83		
10	QPSK	25	25	22.84	22.85	22.71		
10	QPSK	50	0	22.80	22.89	22.83		
10	16QAM	1	0	22.90	22.95	22.83	24	0
10	16QAM	1	25	22.81	22.91	22.88		
10	16QAM	1	49	22.68	22.76	22.66		
10	16QAM	25	0	22.74	22.80	22.75	23.5	0.5
10	16QAM	25	12	22.62	22.68	22.67		
10	16QAM	25	25	22.52	22.67	22.57		
10	16QAM	50	0	22.57	22.60	22.54		
10	64QAM	1	0	22.82	22.91	22.85	23.5	0.5
10	64QAM	1	25	22.64	22.88	22.76		
10	64QAM	1	49	22.72	22.76	22.71		
10	64QAM	25	0	21.79	21.84	21.68	22.5	1.5
10	64QAM	25	12	21.74	21.76	21.64		
10	64QAM	25	25	21.66	21.77	21.61		
10	64QAM	50	0	21.62	21.56	21.52		
10	256QAM	1	0	19.80	19.94	19.81	20.5	3.5
10	256QAM	1	25	19.68	19.75	19.72		
10	256QAM	1	49	19.74	19.73	19.68		
10	256QAM	25	0	19.82	19.91	19.77	20.5	3.5
10	256QAM	25	12	19.71	19.83	19.68		
10	256QAM	25	25	19.65	19.61	19.60		
10	256QAM	50	0	19.55	19.67	19.63		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	23.12	23.07	23.10	24	0
5	QPSK	1	12	22.95	22.92	23.03		
5	QPSK	1	24	22.86	22.90	22.95		
5	QPSK	12	0	22.86	23.04	22.92	24	0
5	QPSK	12	7	22.88	23.00	22.84		
5	QPSK	12	13	22.77	22.88	22.79		
5	QPSK	25	0	22.77	22.91	22.86		
5	16QAM	1	0	22.88	23.04	22.88	24	0
5	16QAM	1	12	22.88	22.90	22.87		
5	16QAM	1	24	22.67	22.77	22.73		
5	16QAM	12	0	22.70	22.84	22.73	23.5	0.5
5	16QAM	12	7	22.71	22.70	22.63		
5	16QAM	12	13	22.50	22.60	22.56		
5	16QAM	25	0	22.55	22.62	22.51		
5	64QAM	1	0	22.78	22.98	22.88	23.5	0.5
5	64QAM	1	12	22.71	22.92	22.81		
5	64QAM	1	24	22.65	22.69	22.76		
5	64QAM	12	0	21.78	21.84	21.70	22.5	1.5
5	64QAM	12	7	21.70	21.65	21.70		
5	64QAM	12	13	21.68	21.79	21.68		
5	64QAM	25	0	21.60	21.54	21.60		
5	256QAM	1	0	19.75	19.96	19.86	20.5	3.5
5	256QAM	1	12	19.71	19.82	19.75		
5	256QAM	1	24	19.68	19.75	19.74		
5	256QAM	12	0	19.76	19.85	19.84	20.5	3.5
5	256QAM	12	7	19.68	19.78	19.59		
5	256QAM	12	13	19.61	19.64	19.64		
5	256QAM	25	0	19.57	19.64	19.54		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	23.02	23.15	23.13	24	0
3	QPSK	1	8	22.98	22.95	22.96		
3	QPSK	1	14	22.94	22.93	22.99		
3	QPSK	8	0	22.94	23.05	22.96	24	0
3	QPSK	8	4	22.80	22.97	22.91		
3	QPSK	8	7	22.75	22.84	22.78		
3	QPSK	15	0	22.83	22.96	22.80		
3	16QAM	1	0	22.84	23.02	22.85	24	0
3	16QAM	1	8	22.89	22.86	22.87		
3	16QAM	1	14	22.77	22.75	22.66		
3	16QAM	8	0	22.66	22.87	22.79	23.5	0.5
3	16QAM	8	4	22.65	22.65	22.67		
3	16QAM	8	7	22.57	22.68	22.60		
3	16QAM	15	0	22.48	22.60	22.53		
3	64QAM	1	0	22.75	22.92	22.80	23.5	0.5
3	64QAM	1	8	22.66	22.91	22.76		
3	64QAM	1	14	22.65	22.72	22.69		
3	64QAM	8	0	21.76	21.87	21.64	22.5	1.5
3	64QAM	8	4	21.67	21.66	21.62		
3	64QAM	8	7	21.61	21.74	21.57		
3	64QAM	15	0	21.63	21.53	21.58		
3	256QAM	1	0	19.76	19.96	19.83	20.5	3.5
3	256QAM	1	8	19.69	19.85	19.77		
3	256QAM	1	14	19.63	19.72	19.67		
3	256QAM	8	0	19.76	19.83	19.81	20.5	3.5
3	256QAM	8	4	19.66	19.83	19.60		
3	256QAM	8	7	19.62	19.71	19.60		
3	256QAM	15	0	19.50	19.61	19.61		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	23.12	23.12	23.15	24	0
1.4	QPSK	1	3	22.98	22.97	23.05		
1.4	QPSK	1	5	22.93	22.93	22.96		
1.4	QPSK	3	0	22.85	23.09	22.97		
1.4	QPSK	3	1	22.81	22.87	22.82		
1.4	QPSK	3	3	22.81	22.94	22.71		
1.4	QPSK	6	0	22.80	22.86	22.80	24	0
1.4	16QAM	1	0	22.92	23.04	22.83	24	0
1.4	16QAM	1	3	22.86	22.90	22.81		
1.4	16QAM	1	5	22.84	23.00	22.81		
1.4	16QAM	3	0	22.78	22.89	22.78		
1.4	16QAM	3	1	22.85	22.95	22.84		
1.4	16QAM	3	3	22.90	23.03	22.79		
1.4	16QAM	6	0	22.70	22.67	22.69	23.5	0.5
1.4	64QAM	1	0	22.57	22.62	22.57	23.5	0.5
1.4	64QAM	1	3	22.57	22.60	22.55		
1.4	64QAM	1	5	22.70	22.76	22.67		
1.4	64QAM	3	0	22.67	22.86	22.84		
1.4	64QAM	3	1	22.71	22.70	22.69		
1.4	64QAM	3	3	22.72	22.86	22.83		
1.4	64QAM	6	0	21.68	21.91	21.70	22.5	1.5
1.4	256QAM	1	0	19.86	19.92	19.81	20.5	3.5
1.4	256QAM	1	3	19.69	19.76	19.78		
1.4	256QAM	1	5	19.71	19.78	19.65		
1.4	256QAM	3	0	19.73	19.93	19.72		
1.4	256QAM	3	1	19.69	19.76	19.67		
1.4	256QAM	3	3	19.65	19.65	19.58		
1.4	256QAM	6	0	19.54	19.67	19.62	20.5	3.5

Band 26 Default Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	22.53	22.59	22.47	24	0
15	QPSK	1	37	22.38	22.39	22.38		
15	QPSK	1	74	22.28	22.37	22.31		
15	QPSK	36	0	22.37	22.54	22.37	24	0
15	QPSK	36	20	22.37	22.46	22.31		
15	QPSK	36	39	22.31	22.30	22.34		
15	QPSK	75	0	22.31	22.36	22.29		
15	16QAM	1	0	22.29	22.51	22.36	24	0
15	16QAM	1	37	22.34	22.40	22.27		
15	16QAM	1	74	22.28	22.34	22.22		
15	16QAM	36	0	22.33	22.47	22.38	23.5	0.5
15	16QAM	36	20	22.30	22.32	22.26		
15	16QAM	36	39	22.26	22.29	22.26		
15	16QAM	75	0	22.21	22.22	22.14		
15	64QAM	1	0	22.26	22.42	22.27	23.5	0.5
15	64QAM	1	37	22.26	22.27	22.23		
15	64QAM	1	74	22.10	22.25	22.20		
15	64QAM	36	0	21.26	21.37	21.25	22.5	1.5
15	64QAM	36	20	21.21	21.27	21.22		
15	64QAM	36	39	21.11	21.15	21.15		
15	64QAM	75	0	21.04	21.08	21.02		
15	256QAM	1	0	19.46	19.62	19.47	20.5	3.5
15	256QAM	1	37	19.39	19.48	19.44		
15	256QAM	1	74	19.33	19.39	19.39		
15	256QAM	36	0	19.36	19.49	19.36	20.5	3.5
15	256QAM	36	20	19.22	19.40	19.34		
15	256QAM	36	39	19.22	19.34	19.30		
15	256QAM	75	0	19.13	19.21	19.15		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.42	22.46	22.37	24	0
10	QPSK	1	25	22.23	22.33	22.23		
10	QPSK	1	49	22.14	22.25	22.20		
10	QPSK	25	0	22.23	22.44	22.27	24	0
10	QPSK	25	12	22.24	22.39	22.16		
10	QPSK	25	25	22.26	22.19	22.22		
10	QPSK	50	0	22.28	22.25	22.25		
10	16QAM	1	0	22.17	22.41	22.32	24	0
10	16QAM	1	25	22.23	22.36	22.19		
10	16QAM	1	49	22.23	22.20	22.15		
10	16QAM	25	0	22.21	22.41	22.24	23.5	0.5
10	16QAM	25	12	22.23	22.24	22.14		
10	16QAM	25	25	22.17	22.18	22.18		
10	16QAM	50	0	22.10	22.11	22.07		
10	64QAM	1	0	22.16	22.29	22.18	23.5	0.5
10	64QAM	1	25	22.23	22.17	22.11		
10	64QAM	1	49	22.01	22.15	22.13		
10	64QAM	25	0	21.11	21.29	21.21	22.5	1.5
10	64QAM	25	12	21.14	21.22	21.08		
10	64QAM	25	25	21.05	21.07	21.03		
10	64QAM	50	0	20.91	21.02	20.88		
10	256QAM	1	0	19.41	19.50	19.34	20.5	3.5
10	256QAM	1	25	19.32	19.35	19.33		
10	256QAM	1	49	19.19	19.28	19.36		
10	256QAM	25	0	19.28	19.46	19.25	20.5	3.5
10	256QAM	25	12	19.07	19.31	19.21		
10	256QAM	25	25	19.15	19.20	19.16		
10	256QAM	50	0	18.99	19.15	19.04		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.43	22.49	22.40	24	0
5	QPSK	1	12	22.25	22.30	22.33		
5	QPSK	1	24	22.23	22.32	22.21		
5	QPSK	12	0	22.34	22.41	22.28	24	0
5	QPSK	12	7	22.28	22.33	22.20		
5	QPSK	12	13	22.21	22.24	22.25		
5	QPSK	25	0	22.26	22.23	22.21		
5	16QAM	1	0	22.16	22.46	22.24	24	0
5	16QAM	1	12	22.21	22.36	22.16		
5	16QAM	1	24	22.15	22.21	22.13		
5	16QAM	12	0	22.29	22.38	22.25	23.5	0.5
5	16QAM	12	7	22.16	22.28	22.19		
5	16QAM	12	13	22.21	22.22	22.23		
5	16QAM	25	0	22.12	22.14	22.07		
5	64QAM	1	0	22.18	22.32	22.17	23.5	0.5
5	64QAM	1	12	22.21	22.17	22.12		
5	64QAM	1	24	21.97	22.16	22.17		
5	64QAM	12	0	21.15	21.31	21.21	22.5	1.5
5	64QAM	12	7	21.15	21.18	21.14		
5	64QAM	12	13	21.02	21.12	21.03		
5	64QAM	25	0	20.94	21.01	20.87		
5	256QAM	1	0	19.36	19.50	19.39	20.5	3.5
5	256QAM	1	12	19.26	19.34	19.30		
5	256QAM	1	24	19.29	19.31	19.31		
5	256QAM	12	0	19.31	19.43	19.26	20.5	3.5
5	256QAM	12	7	19.13	19.31	19.27		
5	256QAM	12	13	19.17	19.29	19.17		
5	256QAM	25	0	19.06	19.14	19.01		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.50	22.50	22.37	24	0
3	QPSK	1	8	22.34	22.32	22.23		
3	QPSK	1	14	22.14	22.29	22.19		
3	QPSK	8	0	22.30	22.51	22.31	24	0
3	QPSK	8	4	22.32	22.33	22.16		
3	QPSK	8	7	22.22	22.27	22.23		
3	QPSK	15	0	22.24	22.33	22.22		
3	16QAM	1	0	22.21	22.44	22.30	24	0
3	16QAM	1	8	22.29	22.36	22.13		
3	16QAM	1	14	22.22	22.28	22.18		
3	16QAM	8	0	22.21	22.42	22.28	23.5	0.5
3	16QAM	8	4	22.25	22.24	22.18		
3	16QAM	8	7	22.22	22.21	22.15		
3	16QAM	15	0	22.17	22.08	22.09		
3	64QAM	1	0	22.19	22.38	22.12	23.5	0.5
3	64QAM	1	8	22.21	22.24	22.14		
3	64QAM	1	14	22.00	22.22	22.14		
3	64QAM	8	0	21.18	21.29	21.13	22.5	1.5
3	64QAM	8	4	21.10	21.19	21.13		
3	64QAM	8	7	20.98	21.05	21.06		
3	64QAM	15	0	20.99	21.02	20.89		
3	256QAM	1	0	19.41	19.53	19.37	20.5	3.5
3	256QAM	1	8	19.30	19.41	19.35		
3	256QAM	1	14	19.19	19.25	19.28		
3	256QAM	8	0	19.29	19.42	19.30	20.5	3.5
3	256QAM	8	4	19.10	19.29	19.25		
3	256QAM	8	7	19.17	19.26	19.16		
3	256QAM	15	0	19.08	19.16	19.01		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.45	22.52	22.42	24	0
1.4	QPSK	1	3	22.33	22.31	22.26		
1.4	QPSK	1	5	22.14	22.24	22.27		
1.4	QPSK	3	0	22.31	22.42	22.34		
1.4	QPSK	3	1	22.33	22.34	22.17		
1.4	QPSK	3	3	22.28	22.17	22.26		
1.4	QPSK	6	0	22.19	22.30	22.22	24	0
1.4	16QAM	1	0	22.14	22.45	22.29	24	0
1.4	16QAM	1	3	22.21	22.37	22.24		
1.4	16QAM	1	5	22.24	22.24	22.14		
1.4	16QAM	3	0	22.26	22.39	22.33		
1.4	16QAM	3	1	22.21	22.31	22.24		
1.4	16QAM	3	3	22.19	22.23	22.13		
1.4	16QAM	6	0	22.22	22.37	22.35	23.5	0.5
1.4	64QAM	1	0	22.21	22.29	22.20	23.5	0.5
1.4	64QAM	1	3	22.16	22.16	22.22		
1.4	64QAM	1	5	22.15	22.09	22.07		
1.4	64QAM	3	0	22.22	22.36	22.17		
1.4	64QAM	3	1	22.11	22.14	22.19		
1.4	64QAM	3	3	22.06	22.12	22.12		
1.4	64QAM	6	0	21.13	21.34	21.18	22.5	1.5
1.4	256QAM	1	0	19.38	19.54	19.42	20.5	3.5
1.4	256QAM	1	3	19.32	19.36	19.34		
1.4	256QAM	1	5	19.27	19.29	19.31		
1.4	256QAM	3	0	19.27	19.37	19.29		
1.4	256QAM	3	1	19.09	19.31	19.29		
1.4	256QAM	3	3	19.16	19.22	19.22		
1.4	256QAM	6	0	19.08	19.11	19.08	20.5	3.5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		23.26		24	0
10	QPSK	1	25		23.10			
10	QPSK	1	49		23.08			
10	QPSK	25	0		22.46		23	1
10	QPSK	25	12		22.26			
10	QPSK	25	25		22.23			
10	QPSK	50	0		22.31			
10	16QAM	1	0		22.23		23	1
10	16QAM	1	25		22.17			
10	16QAM	1	49		22.18			
10	16QAM	25	0		21.60		22	2
10	16QAM	25	12		21.45			
10	16QAM	25	25		21.36			
10	16QAM	50	0		21.38			
10	64QAM	1	0		21.71		22	2
10	64QAM	1	25		21.58			
10	64QAM	1	49		21.52			
10	64QAM	25	0		20.75		21	3
10	64QAM	25	12		20.57			
10	64QAM	25	25		20.50			
10	64QAM	50	0		20.53			
10	256QAM	1	0		19.38		20	4
10	256QAM	1	25		19.22			
10	256QAM	1	49		19.22			
10	256QAM	25	0		18.96		20	4
10	256QAM	25	12		18.85			
10	256QAM	25	25		18.78			
10	256QAM	50	0		18.73			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	23.16	23.21	23.13	24	0
5	QPSK	1	12	22.95	23.04	23.01		
5	QPSK	1	24	23.04	23.00	22.95		
5	QPSK	12	0	22.33	22.42	22.42	23	1
5	QPSK	12	7	22.20	22.21	22.11		
5	QPSK	12	13	22.09	22.17	22.08		
5	QPSK	25	0	22.23	22.24	22.16		
5	16QAM	1	0	22.29	22.19	22.26	23	1
5	16QAM	1	12	22.04	22.14	22.12		
5	16QAM	1	24	22.14	22.14	22.07		
5	16QAM	12	0	21.52	21.51	21.46	22	2
5	16QAM	12	7	21.38	21.31	21.34		
5	16QAM	12	13	21.28	21.26	21.22		
5	16QAM	25	0	21.28	21.24	21.24		
5	64QAM	1	0	21.57	21.66	21.67	22	2
5	64QAM	1	12	21.50	21.48	21.44		
5	64QAM	1	24	21.47	21.47	21.44		
5	64QAM	12	0	20.64	20.70	20.72	21	3
5	64QAM	12	7	20.46	20.48	20.44		
5	64QAM	12	13	20.36	20.36	20.45		
5	64QAM	25	0	20.42	20.43	20.49		
5	256QAM	1	0	19.30	19.31	19.32	20	4
5	256QAM	1	12	19.17	19.15	19.16		
5	256QAM	1	24	19.13	19.07	19.10		
5	256QAM	12	0	18.91	18.87	18.86	20	4
5	256QAM	12	7	18.77	18.77	18.80		
5	256QAM	12	13	18.64	18.73	18.67		
5	256QAM	25	0	18.67	18.69	18.65		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	23.17	23.22	23.14	24	0
20	QPSK	1	49	22.99	23.11	22.99		
20	QPSK	1	99	23.02	23.02	22.90		
20	QPSK	50	0	22.96	23.18	23.07	24	0
20	QPSK	50	24	22.92	23.08	22.99		
20	QPSK	50	50	22.85	22.98	22.92		
20	QPSK	100	0	22.88	23.01	22.91		
20	16QAM	1	0	22.80	23.10	22.96	24	0
20	16QAM	1	49	22.87	23.01	22.91		
20	16QAM	1	99	22.83	22.89	22.86		
20	16QAM	50	0	22.61	22.81	22.66	23.5	0.5
20	16QAM	50	24	22.60	22.65	22.63		
20	16QAM	50	50	22.55	22.57	22.57		
20	16QAM	100	0	22.48	22.58	22.54		
20	64QAM	1	0	22.55	22.75	22.64	23.5	0.5
20	64QAM	1	49	22.49	22.67	22.54		
20	64QAM	1	99	22.51	22.58	22.50		
20	64QAM	50	0	21.69	21.90	21.71	22.5	1.5
20	64QAM	50	24	21.63	21.77	21.77		
20	64QAM	50	50	21.63	21.72	21.61		
20	64QAM	100	0	21.57	21.62	21.58		
20	256QAM	1	0	18.86	19.07	18.93	20.5	3.5
20	256QAM	1	49	18.89	18.92	18.84		
20	256QAM	1	99	18.81	18.84	18.83		
20	256QAM	50	0	18.84	18.98	18.80	20.5	3.5
20	256QAM	50	24	18.78	18.86	18.74		
20	256QAM	50	50	18.69	18.77	18.73		
20	256QAM	100	0	18.71	18.70	18.65		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	23.06	23.16	23.00	24	0
15	QPSK	1	37	22.95	23.05	22.94		
15	QPSK	1	74	22.89	22.97	22.84		
15	QPSK	36	0	22.87	23.10	23.02	24	0
15	QPSK	36	20	22.82	23.00	22.92		
15	QPSK	36	39	22.78	22.87	22.78		
15	QPSK	75	0	22.82	22.91	22.78		
15	16QAM	1	0	22.68	23.07	22.90	24	0
15	16QAM	1	37	22.75	22.91	22.85		
15	16QAM	1	74	22.75	22.74	22.75		
15	16QAM	36	0	22.49	22.71	22.60	23.5	0.5
15	16QAM	36	20	22.57	22.60	22.60		
15	16QAM	36	39	22.44	22.52	22.54		
15	16QAM	75	0	22.41	22.45	22.44		
15	64QAM	1	0	22.47	22.62	22.57	23.5	0.5
15	64QAM	1	37	22.37	22.56	22.46		
15	64QAM	1	74	22.45	22.52	22.38		
15	64QAM	36	0	21.59	21.86	21.61	22.5	1.5
15	64QAM	36	20	21.51	21.63	21.67		
15	64QAM	36	39	21.50	21.60	21.52		
15	64QAM	75	0	21.48	21.50	21.51		
15	256QAM	1	0	18.78	18.99	18.80	20.5	3.5
15	256QAM	1	37	18.82	18.89	18.78		
15	256QAM	1	74	18.75	18.79	18.77		
15	256QAM	36	0	18.80	18.86	18.69	20.5	3.5
15	256QAM	36	20	18.73	18.73	18.60		
15	256QAM	36	39	18.58	18.69	18.63		
15	256QAM	75	0	18.63	18.61	18.56		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	23.06	23.10	23.01	24	0
10	QPSK	1	25	22.94	23.02	22.89		
10	QPSK	1	49	22.88	22.96	22.82		
10	QPSK	25	0	22.84	23.07	23.03	24	0
10	QPSK	25	12	22.80	23.01	22.95		
10	QPSK	25	25	22.81	22.87	22.86		
10	QPSK	50	0	22.74	22.96	22.88		
10	16QAM	1	0	22.66	23.07	22.85	24	0
10	16QAM	1	25	22.81	22.93	22.80		
10	16QAM	1	49	22.76	22.75	22.74		
10	16QAM	25	0	22.57	22.76	22.55	23.5	0.5
10	16QAM	25	12	22.51	22.59	22.59		
10	16QAM	25	25	22.52	22.50	22.44		
10	16QAM	50	0	22.35	22.53	22.41		
10	64QAM	1	0	22.45	22.68	22.57	23.5	0.5
10	64QAM	1	25	22.41	22.55	22.42		
10	64QAM	1	49	22.43	22.52	22.43		
10	64QAM	25	0	21.56	21.75	21.61	22.5	1.5
10	64QAM	25	12	21.50	21.69	21.69		
10	64QAM	25	25	21.54	21.57	21.57		
10	64QAM	50	0	21.42	21.52	21.44		
10	256QAM	1	0	18.76	18.96	18.81	20.5	3.5
10	256QAM	1	25	18.79	18.82	18.80		
10	256QAM	1	49	18.73	18.70	18.77		
10	256QAM	25	0	18.71	18.87	18.74	20.5	3.5
10	256QAM	25	12	18.75	18.81	18.63		
10	256QAM	25	25	18.60	18.65	18.62		
10	256QAM	50	0	18.63	18.57	18.53		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	23.03	23.09	23.03	24	0
5	QPSK	1	12	22.89	23.01	22.84		
5	QPSK	1	24	22.91	22.90	22.81		
5	QPSK	12	0	22.85	23.11	22.95	24	0
5	QPSK	12	7	22.79	22.98	22.95		
5	QPSK	12	13	22.76	22.89	22.83		
5	QPSK	25	0	22.84	22.96	22.87		
5	16QAM	1	0	22.72	22.98	22.82	24	0
5	16QAM	1	12	22.80	22.90	22.76		
5	16QAM	1	24	22.75	22.86	22.80		
5	16QAM	12	0	22.47	22.74	22.53	23.5	0.5
5	16QAM	12	7	22.57	22.61	22.59		
5	16QAM	12	13	22.43	22.52	22.51		
5	16QAM	25	0	22.37	22.53	22.48		
5	64QAM	1	0	22.46	22.72	22.57	23.5	0.5
5	64QAM	1	12	22.45	22.64	22.46		
5	64QAM	1	24	22.39	22.51	22.44		
5	64QAM	12	0	21.63	21.80	21.61	22.5	1.5
5	64QAM	12	7	21.51	21.67	21.70		
5	64QAM	12	13	21.58	21.67	21.56		
5	64QAM	25	0	21.51	21.53	21.50		
5	256QAM	1	0	18.76	19.01	18.86	20.5	3.5
5	256QAM	1	12	18.77	18.84	18.80		
5	256QAM	1	24	18.71	18.76	18.78		
5	256QAM	12	0	18.72	18.83	18.71	20.5	3.5
5	256QAM	12	7	18.71	18.72	18.68		
5	256QAM	12	13	18.65	18.66	18.61		
5	256QAM	25	0	18.62	18.61	18.61		
Channel				131972	132322	132672	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	23.03	23.14	23.08	24	0
3	QPSK	1	8	22.89	23.00	22.93		
3	QPSK	1	14	22.98	22.89	22.75		
3	QPSK	8	0	22.87	23.05	23.03	24	0
3	QPSK	8	4	22.89	23.04	22.85		
3	QPSK	8	7	22.78	22.93	22.83		
3	QPSK	15	0	22.79	22.90	22.86		
3	16QAM	1	0	22.76	23.07	22.84	24	0
3	16QAM	1	8	22.82	22.98	22.87		
3	16QAM	1	14	22.76	22.85	22.82		
3	16QAM	8	0	22.56	22.73	22.53	23.5	0.5
3	16QAM	8	4	22.54	22.52	22.49		
3	16QAM	8	7	22.42	22.47	22.52		
3	16QAM	15	0	22.43	22.48	22.51		
3	64QAM	1	0	22.47	22.69	22.50	23.5	0.5
3	64QAM	1	8	22.41	22.62	22.46		
3	64QAM	1	14	22.42	22.48	22.38		
3	64QAM	8	0	21.57	21.85	21.59	22.5	1.5
3	64QAM	8	4	21.52	21.68	21.70		
3	64QAM	8	7	21.51	21.60	21.49		
3	64QAM	15	0	21.45	21.55	21.48		
3	256QAM	1	0	18.75	18.99	18.84	20.5	3.5
3	256QAM	1	8	18.85	18.86	18.79		
3	256QAM	1	14	18.74	18.81	18.70		
3	256QAM	8	0	18.69	18.88	18.73	20.5	3.5
3	256QAM	8	4	18.75	18.75	18.68		
3	256QAM	8	7	18.60	18.72	18.60		
3	256QAM	15	0	18.58	18.62	18.62		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	23.11	23.10	23.10	24	0
1.4	QPSK	1	3	22.89	23.04	22.92		
1.4	QPSK	1	5	22.92	22.93	22.86		
1.4	QPSK	3	0	22.82	23.14	22.98		
1.4	QPSK	3	1	22.80	23.04	22.95		
1.4	QPSK	3	3	22.71	22.86	22.84		
1.4	QPSK	6	0	22.74	22.90	22.87	24	0
1.4	16QAM	1	0	22.76	22.99	22.88	24	0
1.4	16QAM	1	3	22.73	22.95	22.81		
1.4	16QAM	1	5	22.79	22.94	22.87		
1.4	16QAM	3	0	22.71	22.99	22.91		
1.4	16QAM	3	1	22.76	22.91	22.83		
1.4	16QAM	3	3	22.73	22.80	22.74		
1.4	16QAM	6	0	22.47	22.76	22.54	23.5	0.5
1.4	64QAM	1	0	22.50	22.60	22.51	23.5	0.5
1.4	64QAM	1	3	22.47	22.51	22.43		
1.4	64QAM	1	5	22.43	22.48	22.49		
1.4	64QAM	3	0	22.42	22.64	22.53		
1.4	64QAM	3	1	22.40	22.61	22.40		
1.4	64QAM	3	3	22.44	22.44	22.40		
1.4	64QAM	6	0	21.66	21.76	21.57	22.5	1.5
1.4	256QAM	1	0	18.73	18.99	18.89	20.5	3.5
1.4	256QAM	1	3	18.78	18.85	18.75		
1.4	256QAM	1	5	18.76	18.69	18.69		
1.4	256QAM	3	0	18.80	18.86	18.76		
1.4	256QAM	3	1	18.74	18.79	18.59		
1.4	256QAM	3	3	18.66	18.69	18.61		
1.4	256QAM	6	0	18.64	18.58	18.60	20.5	3.5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				133222	133322	133372		
Frequency (MHz)				673	683	688		
20	QPSK	1	0	22.95	23.04	22.89	24	0
20	QPSK	1	49	22.84	22.87	22.77		
20	QPSK	1	99	22.71	22.88	22.66		
20	QPSK	50	0	22.76	22.94	22.84	24	0
20	QPSK	50	24	22.77	22.77	22.75		
20	QPSK	50	50	22.71	22.73	22.66		
20	QPSK	100	0	22.66	22.76	22.70		
20	16QAM	1	0	22.78	22.92	22.73	24	0
20	16QAM	1	49	22.69	22.83	22.73		
20	16QAM	1	99	22.61	22.76	22.66		
20	16QAM	50	0	22.53	22.74	22.61	23.5	0.5
20	16QAM	50	24	22.50	22.54	22.54		
20	16QAM	50	50	22.48	22.60	22.51		
20	16QAM	100	0	22.46	22.54	22.45		
20	64QAM	1	0	22.73	22.88	22.76	23.5	0.5
20	64QAM	1	49	22.72	22.75	22.72		
20	64QAM	1	99	22.64	22.69	22.60		
20	64QAM	50	0	21.67	21.83	21.73	22.5	1.5
20	64QAM	50	24	21.63	21.72	21.69		
20	64QAM	50	50	21.56	21.61	21.62		
20	64QAM	100	0	21.49	21.55	21.55		
20	256QAM	1	0	19.64	19.81	19.72	20.5	3.5
20	256QAM	1	49	19.57	19.61	19.61		
20	256QAM	1	99	19.58	19.64	19.55		
20	256QAM	50	0	19.59	19.77	19.58	20.5	3.5
20	256QAM	50	24	19.56	19.64	19.53		
20	256QAM	50	50	19.54	19.64	19.50		
20	256QAM	100	0	19.43	19.48	19.47		
Channel				133197	133297	133397	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	0	22.85	23.00	22.78	24	0
15	QPSK	1	37	22.71	22.75	22.65		
15	QPSK	1	74	22.67	22.82	22.58		
15	QPSK	36	0	22.69	22.88	22.74	24	0
15	QPSK	36	20	22.64	22.63	22.66		
15	QPSK	36	39	22.68	22.64	22.53		
15	QPSK	75	0	22.58	22.61	22.59		
15	16QAM	1	0	22.68	22.78	22.64	24	0
15	16QAM	1	37	22.64	22.69	22.66		
15	16QAM	1	74	22.47	22.69	22.59		
15	16QAM	36	0	22.44	22.62	22.52	23.5	0.5
15	16QAM	36	20	22.40	22.49	22.49		
15	16QAM	36	39	22.45	22.46	22.40		
15	16QAM	75	0	22.33	22.41	22.41		
15	64QAM	1	0	22.68	22.82	22.67	23.5	0.5
15	64QAM	1	37	22.68	22.63	22.67		
15	64QAM	1	74	22.59	22.57	22.55		
15	64QAM	36	0	21.61	21.78	21.58	22.5	1.5
15	64QAM	36	20	21.49	21.59	21.57		
15	64QAM	36	39	21.46	21.47	21.57		
15	64QAM	75	0	21.46	21.50	21.44		
15	256QAM	1	0	19.52	19.68	19.62	20.5	3.5
15	256QAM	1	37	19.47	19.53	19.46		
15	256QAM	1	74	19.54	19.57	19.45		
15	256QAM	36	0	19.48	19.65	19.46	20.5	3.5
15	256QAM	36	20	19.43	19.55	19.48		
15	256QAM	36	39	19.50	19.60	19.43		
15	256QAM	75	0	19.31	19.37	19.36		
Channel				133172	133272	133422	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	678	693		
10	QPSK	1	0	22.83	22.96	22.78	24	0
10	QPSK	1	25	22.75	22.74	22.64		
10	QPSK	1	49	22.67	22.83	22.59		
10	QPSK	25	0	22.71	22.81	22.73	24	0
10	QPSK	25	12	22.70	22.73	22.63		
10	QPSK	25	25	22.66	22.65	22.56		
10	QPSK	50	0	22.60	22.71	22.59		
10	16QAM	1	0	22.73	22.77	22.64	24	0
10	16QAM	1	25	22.58	22.72	22.69		
10	16QAM	1	49	22.50	22.67	22.62		
10	16QAM	25	0	22.42	22.62	22.55	23.5	0.5
10	16QAM	25	12	22.40	22.47	22.49		
10	16QAM	25	25	22.42	22.46	22.40		
10	16QAM	50	0	22.32	22.50	22.40		
10	64QAM	1	0	22.64	22.73	22.65	23.5	0.5
10	64QAM	1	25	22.63	22.61	22.59		
10	64QAM	1	49	22.54	22.55	22.49		
10	64QAM	25	0	21.63	21.71	21.60	22.5	1.5
10	64QAM	25	12	21.52	21.63	21.58		
10	64QAM	25	25	21.41	21.54	21.55		
10	64QAM	50	0	21.35	21.51	21.48		
10	256QAM	1	0	19.60	19.72	19.61	20.5	3.5
10	256QAM	1	25	19.42	19.49	19.48		
10	256QAM	1	49	19.53	19.51	19.49		
10	256QAM	25	0	19.52	19.72	19.55	20.5	3.5
10	256QAM	25	12	19.43	19.55	19.43		
10	256QAM	25	25	19.44	19.53	19.37		
10	256QAM	50	0	19.36	19.37	19.36		
Channel				133147	133247	133447	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	675.5	695.5		
5	QPSK	1	0	22.82	22.90	22.82	24	0
5	QPSK	1	12	22.78	22.83	22.63		
5	QPSK	1	24	22.64	22.84	22.53		
5	QPSK	12	0	22.68	22.81	22.80	24	0
5	QPSK	12	7	22.64	22.69	22.61		
5	QPSK	12	13	22.59	22.60	22.57		
5	QPSK	25	0	22.57	22.71	22.65		
5	16QAM	1	0	22.68	22.82	22.63	24	0
5	16QAM	1	12	22.54	22.75	22.69		
5	16QAM	1	24	22.54	22.70	22.61		
5	16QAM	12	0	22.49	22.71	22.49	23.5	0.5
5	16QAM	12	7	22.43	22.42	22.43		
5	16QAM	12	13	22.38	22.54	22.42		
5	16QAM	25	0	22.42	22.42	22.41		
5	64QAM	1	0	22.68	22.80	22.62	23.5	0.5
5	64QAM	1	12	22.62	22.61	22.57		
5	64QAM	1	24	22.58	22.55	22.46		
5	64QAM	12	0	21.61	21.71	21.64	22.5	1.5
5	64QAM	12	7	21.52	21.65	21.63		
5	64QAM	12	13	21.42	21.50	21.51		
5	64QAM	25	0	21.39	21.43	21.52		
5	256QAM	1	0	19.60	19.74	19.68	20.5	3.5
5	256QAM	1	12	19.44	19.48	19.56		
5	256QAM	1	24	19.45	19.60	19.40		
5	256QAM	12	0	19.54	19.63	19.45	20.5	3.5
5	256QAM	12	7	19.41	19.50	19.41		
5	256QAM	12	13	19.44	19.52	19.40		
5	256QAM	25	0	19.31	19.43	19.36		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2560	2590	2610		
20	QPSK	1	0	20.67	20.69	20.50	22	0
20	QPSK	1	49	20.46	20.43	20.46		
20	QPSK	1	99	20.47	20.43	20.40		
20	QPSK	50	0	20.47	20.55	20.33	22	0
20	QPSK	50	24	20.36	20.50	20.42		
20	QPSK	50	50	20.23	20.36	20.32		
20	QPSK	100	0	20.37	20.52	20.33		
20	16QAM	1	0	20.46	20.57	20.39	22	0
20	16QAM	1	49	20.36	20.45	20.33		
20	16QAM	1	99	20.29	20.33	20.40		
20	16QAM	50	0	20.06	20.23	20.04	21.5	0.5
20	16QAM	50	24	20.10	20.06	20.05		
20	16QAM	50	50	19.87	20.03	19.96		
20	16QAM	100	0	19.92	20.11	20.00		
20	64QAM	1	0	20.03	20.26	20.03	21.5	0.5
20	64QAM	1	49	19.94	20.04	20.10		
20	64QAM	1	99	20.10	20.01	20.06		
20	64QAM	50	0	19.86	20.04	19.95	20.5	1.5
20	64QAM	50	24	19.83	19.90	19.89		
20	64QAM	50	50	19.82	19.86	19.83		
20	64QAM	100	0	19.85	19.88	19.79		
20	256QAM	1	0	17.91	18.08	17.94	18.5	3.5
20	256QAM	1	49	17.82	18.08	17.92		
20	256QAM	1	99	17.86	17.85	17.87		
20	256QAM	50	0	17.94	18.06	17.97	18.5	3.5
20	256QAM	50	24	17.90	17.95	17.90		
20	256QAM	50	50	17.77	17.87	17.81		
20	256QAM	100	0	17.91	18.03	17.94		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	20.50	20.60	20.47	22	0
15	QPSK	1	37	20.29	20.36	20.42		
15	QPSK	1	74	20.40	20.36	20.23		
15	QPSK	36	0	20.30	20.38	20.27	22	0
15	QPSK	36	20	20.24	20.39	20.31		
15	QPSK	36	39	20.17	20.27	20.24		
15	QPSK	75	0	20.31	20.39	20.25		
15	16QAM	1	0	20.31	20.44	20.25	22	0
15	16QAM	1	37	20.27	20.37	20.17		
15	16QAM	1	74	20.25	20.23	20.33		
15	16QAM	36	0	19.95	20.20	19.88	21.5	0.5
15	16QAM	36	20	19.92	19.95	19.95		
15	16QAM	36	39	19.79	19.93	19.83		
15	16QAM	75	0	19.85	19.99	19.88		
15	64QAM	1	0	19.94	20.23	19.99	21.5	0.5
15	64QAM	1	37	19.77	19.97	20.07		
15	64QAM	1	74	20.01	19.95	19.99		
15	64QAM	36	0	19.77	20.01	19.81	20.5	1.5
15	64QAM	36	20	19.73	19.86	19.85		
15	64QAM	36	39	19.71	19.72	19.79		
15	64QAM	75	0	19.75	19.85	19.69		
15	256QAM	1	0	17.78	17.97	17.88	18.5	3.5
15	256QAM	1	37	17.70	18.04	17.89		
15	256QAM	1	74	17.73	17.82	17.72		
15	256QAM	36	0	17.83	18.00	17.92	18.5	3.5
15	256QAM	36	20	17.86	17.89	17.82		
15	256QAM	36	39	17.64	17.77	17.71		
15	256QAM	75	0	17.79	17.99	17.87		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	20.56	20.52	20.46	22	0
10	QPSK	1	25	20.31	20.39	20.41		
10	QPSK	1	49	20.35	20.26	20.34		
10	QPSK	25	0	20.37	20.42	20.22	22	0
10	QPSK	25	12	20.24	20.46	20.26		
10	QPSK	25	25	20.17	20.25	20.22		
10	QPSK	50	0	20.34	20.42	20.28		
10	16QAM	1	0	20.32	20.41	20.25	22	0
10	16QAM	1	25	20.22	20.33	20.29		
10	16QAM	1	49	20.15	20.17	20.33		
10	16QAM	25	0	20.04	20.20	19.98	21.5	0.5
10	16QAM	25	12	20.04	19.93	19.90		
10	16QAM	25	25	19.81	19.86	19.87		
10	16QAM	50	0	19.86	20.04	19.84		
10	64QAM	1	0	19.89	20.09	20.01	21.5	0.5
10	64QAM	1	25	19.82	20.01	20.01		
10	64QAM	1	49	20.06	19.83	20.04		
10	64QAM	25	0	19.81	20.00	19.81	20.5	1.5
10	64QAM	25	12	19.71	19.85	19.78		
10	64QAM	25	25	19.74	19.71	19.75		
10	64QAM	50	0	19.80	19.83	19.72		
10	256QAM	1	0	17.81	18.03	17.84	18.5	3.5
10	256QAM	1	25	17.73	17.97	17.86		
10	256QAM	1	49	17.71	17.70	17.74		
10	256QAM	25	0	17.84	17.93	17.84	18.5	3.5
10	256QAM	25	12	17.80	17.91	17.85		
10	256QAM	25	25	17.69	17.82	17.69		
10	256QAM	50	0	17.85	17.98	17.84		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	20.56	20.61	20.38	22	0
5	QPSK	1	12	20.31	20.32	20.37		
5	QPSK	1	24	20.44	20.39	20.33		
5	QPSK	12	0	20.38	20.46	20.20	22	0
5	QPSK	12	7	20.24	20.42	20.36		
5	QPSK	12	13	20.11	20.29	20.18		
5	QPSK	25	0	20.20	20.39	20.29		
5	16QAM	1	0	20.31	20.44	20.23	22	0
5	16QAM	1	12	20.28	20.39	20.15		
5	16QAM	1	24	20.16	20.29	20.25		
5	16QAM	12	0	19.93	20.17	19.96	21.5	0.5
5	16QAM	12	7	19.97	19.92	20.00		
5	16QAM	12	13	19.77	19.93	19.80		
5	16QAM	25	0	19.82	19.96	19.93		
5	64QAM	1	0	19.94	20.12	20.00	21.5	0.5
5	64QAM	1	12	19.89	19.98	20.03		
5	64QAM	1	24	19.95	19.91	19.99		
5	64QAM	12	0	19.78	19.89	19.81	20.5	1.5
5	64QAM	12	7	19.75	19.78	19.75		
5	64QAM	12	13	19.72	19.78	19.71		
5	64QAM	25	0	19.80	19.78	19.66		
5	256QAM	1	0	17.83	18.01	17.86	18.5	3.5
5	256QAM	1	12	17.74	18.03	17.82		
5	256QAM	1	24	17.74	17.70	17.78		
5	256QAM	12	0	17.86	17.93	17.85	18.5	3.5
5	256QAM	12	7	17.79	17.86	17.86		
5	256QAM	12	13	17.70	17.81	17.70		
5	256QAM	25	0	17.87	17.89	17.89		

Band 41 FCC&IC Default Ant 0

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)				2536	2549.5	2593	2636.5	2680		
20	QPSK	1	0	22.49	22.62	22.66	22.54	22.44	24	0
20	QPSK	1	49	22.33	22.54	22.52	22.25	22.39		
20	QPSK	1	99	22.26	22.31	22.42	22.25	22.24		
20	QPSK	50	0	22.27	22.18	22.34	22.22	22.28	23.5	0.5
20	QPSK	50	24	22.05	22.15	22.16	22.15	22.02		
20	QPSK	50	50	22.09	22.10	22.16	22.06	22.13		
20	QPSK	100	0	22.25	22.10	22.30	22.10	22.20		
20	16QAM	1	0	22.15	22.13	22.28	22.13	22.14	23.5	0.5
20	16QAM	1	49	22.01	22.04	22.10	22.09	22.00		
20	16QAM	1	99	22.02	22.03	22.13	22.04	22.00		
20	16QAM	50	0	21.32	21.18	21.38	21.24	21.29	22.5	1.5
20	16QAM	50	24	21.12	21.17	21.20	21.25	21.17		
20	16QAM	50	50	21.01	21.08	21.16	21.16	21.04		
20	16QAM	100	0	21.30	21.21	21.33	21.19	21.27		
20	64QAM	1	0	21.41	21.33	21.49	21.36	21.38	22.5	1.5
20	64QAM	1	49	21.32	21.27	21.37	21.27	21.30		
20	64QAM	1	99	21.19	21.24	21.30	21.20	21.20		
20	64QAM	50	0	20.27	20.27	20.40	20.30	20.31	21.5	2.5
20	64QAM	50	24	20.23	20.24	20.32	20.22	20.29		
20	64QAM	50	50	20.19	20.18	20.24	20.13	20.17		
20	64QAM	100	0	20.10	20.14	20.22	20.25	20.10		
20	256QAM	1	0	18.24	18.20	18.37	18.24	18.23	19.5	4.5
20	256QAM	1	49	18.27	18.18	18.37	18.16	18.24		
20	256QAM	1	99	18.10	18.08	18.23	18.15	18.16		
20	256QAM	50	0	18.19	18.14	18.34	18.19	18.19	19.5	4.5
20	256QAM	50	24	18.19	18.14	18.24	18.10	18.14		
20	256QAM	50	50	18.12	18.05	18.20	18.09	18.10		
20	256QAM	100	0	18.14	18.16	18.28	18.10	18.17		
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	22.37	22.58	22.55	22.43	22.33	24.00	0
15	QPSK	1	37	22.17	22.37	22.46	22.09	22.36		
15	QPSK	1	74	22.14	22.25	22.28	22.17	22.11		
15	QPSK	36	0	22.20	22.08	22.24	22.09	22.25	23.5	0.5
15	QPSK	36	20	21.99	22.01	22.09	22.05	21.91		
15	QPSK	36	39	22.03	22.02	22.05	21.99	22.05		
15	QPSK	75	0	22.13	21.96	22.15	22.06	22.11		
15	16QAM	1	0	22.09	21.98	22.16	22.06	22.11	23.5	0.5
15	16QAM	1	37	21.93	22.00	21.97	22.02	21.90		
15	16QAM	1	74	21.99	21.91	22.04	21.97	21.94		
15	16QAM	36	0	21.28	21.04	21.26	21.18	21.26	22.5	1.5
15	16QAM	36	20	20.98	21.09	21.05	21.20	21.09		
15	16QAM	36	39	20.88	21.03	21.01	21.05	20.92		
15	16QAM	75	0	21.17	21.17	21.20	21.04	21.13		
15	64QAM	1	0	21.32	21.20	21.35	21.31	21.33	22.5	1.5
15	64QAM	1	37	21.27	21.18	21.22	21.17	21.22		
15	64QAM	1	74	21.12	21.09	21.23	21.07	21.08		
15	64QAM	36	0	20.20	20.19	20.36	20.20	20.20	21.5	2.5
15	64QAM	36	20	20.09	20.09	20.26	20.17	20.16		
15	64QAM	36	39	20.10	20.15	20.18	19.98	20.12		
15	64QAM	75	0	19.99	20.05	20.08	20.12	20.00		
15	256QAM	1	0	18.15	18.14	18.29	18.13	18.19	19.5	4.5
15	256QAM	1	37	18.20	18.10	18.33	18.02	18.12		
15	256QAM	1	74	18.04	18.02	18.12	18.11	18.08		
15	256QAM	36	0	18.07	18.07	18.21	18.13	18.15	19.5	4.5
15	256QAM	36	20	18.12	18.03	18.16	17.98	18.05		
15	256QAM	36	39	18.08	17.93	18.11	18.02	18.01		
15	256QAM	75	0	18.10	18.11	18.16	18.03	18.06		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.42	22.50	22.49	22.52	22.27	24.00	0
10	QPSK	1	25	22.19	22.51	22.35	22.19	22.31		
10	QPSK	1	49	22.21	22.18	22.34	22.19	22.20		
10	QPSK	25	0	22.16	22.04	22.20	22.08	22.16	23.5	0.5
10	QPSK	25	12	21.91	22.04	22.13	22.12	21.92		
10	QPSK	25	25	21.96	22.05	22.06	21.92	22.04		
10	QPSK	50	0	22.13	21.95	22.18	22.05	22.13		
10	16QAM	1	0	22.10	22.00	22.13	22.05	22.08	23.5	0.5
10	16QAM	1	25	21.89	21.96	22.01	22.01	21.87		
10	16QAM	1	49	21.87	21.90	22.07	21.93	21.86		
10	16QAM	25	0	21.22	21.13	21.29	21.13	21.21	22.5	1.5
10	16QAM	25	12	21.05	21.12	21.15	21.10	21.09		
10	16QAM	25	25	20.89	21.05	21.13	21.06	20.90		
10	16QAM	50	0	21.25	21.07	21.28	21.13	21.15		
10	64QAM	1	0	21.32	21.23	21.40	21.32	21.29	22.5	1.5
10	64QAM	1	25	21.23	21.13	21.33	21.14	21.19		
10	64QAM	1	49	21.15	21.14	21.18	21.11	21.14		
10	64QAM	25	0	20.12	20.17	20.30	20.26	20.23	21.5	2.5
10	64QAM	25	12	20.16	20.15	20.19	20.10	20.26		
10	64QAM	25	25	20.10	20.14	20.18	20.10	20.03		
10	64QAM	50	0	20.00	20.01	20.18	20.12	20.06		
10	256QAM	1	0	18.15	18.06	18.33	18.21	18.20	19.5	4.5
10	256QAM	1	25	18.16	18.08	18.29	18.07	18.12		
10	256QAM	1	49	18.05	17.99	18.18	18.12	18.02		
10	256QAM	25	0	18.14	18.09	18.20	18.09	18.10	19.5	4.5
10	256QAM	25	12	18.13	18.09	18.09	17.97	18.09		
10	256QAM	25	25	18.09	18.01	18.10	17.97	17.95		
10	256QAM	50	0	18.08	18.10	18.17	17.99	18.12		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	22.32	22.47	22.56	22.43	22.42	24.00	0
5	QPSK	1	12	22.20	22.51	22.37	22.13	22.33		
5	QPSK	1	24	22.12	22.27	22.34	22.09	22.20		
5	QPSK	12	0	22.22	22.05	22.23	22.07	22.23	23.5	0.5
5	QPSK	12	7	21.94	22.08	22.06	22.00	21.93		
5	QPSK	12	13	21.99	21.96	22.10	22.01	21.99		
5	QPSK	25	0	22.21	22.04	22.19	21.99	22.17		
5	16QAM	1	0	22.10	22.02	22.15	21.99	22.09	23.5	0.5
5	16QAM	1	12	21.89	21.97	22.06	21.99	21.97		
5	16QAM	1	24	21.87	22.00	22.03	21.95	21.92		
5	16QAM	12	0	21.25	21.12	21.34	21.11	21.20	22.5	1.5
5	16QAM	12	7	20.97	21.03	21.12	21.10	21.09		
5	16QAM	12	13	20.89	20.95	21.02	21.08	20.91		
5	16QAM	25	0	21.18	21.10	21.22	21.08	21.19		
5	64QAM	1	0	21.35	21.27	21.36	21.28	21.27	22.5	1.5
5	64QAM	1	12	21.28	21.13	21.25	21.19	21.16		
5	64QAM	1	24	21.08	21.20	21.26	21.16	21.16		
5	64QAM	12	0	20.12	20.23	20.34	20.20	20.18	21.5	2.5
5	64QAM	12	7	20.14	20.17	20.19	20.15	20.25		
5	64QAM	12	13	20.08	20.04	20.10	20.07	20.04		
5	64QAM	25	0	19.99	19.99	20.16	20.20	20.02		
5	256QAM	1	0	18.13	18.13	18.31	18.11	18.10	19.5	4.5
5	256QAM	1	12	18.24	18.07	18.25	18.02	18.21		
5	256QAM	1	24	17.98	18.00	18.19	18.00	18.01		
5	256QAM	12	0	18.07	18.04	18.20	18.08	18.12	19.5	4.5
5	256QAM	12	7	18.06	18.10	18.14	17.99	18.09		
5	256QAM	12	13	18.01	17.96	18.06	18.03	17.98		
5	256QAM	25	0	18.00	18.06	18.14	18.06	18.09		

Band 41 PC2 FCC&IC Default Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	25.60	25.56	25.62	25.46	25.43		
20	QPSK	1	49	25.46	25.23	25.56	25.40	25.36	26	0
20	QPSK	1	99	25.23	25.38	25.42	25.35	25.31		
20	QPSK	50	0	25.42	25.34	25.48	25.21	25.08		
20	QPSK	50	24	25.32	25.23	25.38	25.29	25.10	26	0
20	QPSK	50	50	25.07	25.19	25.20	25.26	25.08		
20	QPSK	100	0	25.32	25.20	25.36	25.28	25.13		
20	16QAM	1	0	25.55	25.46	25.60	25.46	25.41		
20	16QAM	1	49	25.35	25.39	25.48	25.46	25.27	26	0
20	16QAM	1	99	25.30	25.34	25.42	25.44	25.22		
20	16QAM	50	0	24.26	24.15	24.36	24.27	24.10		
20	16QAM	50	24	24.19	24.20	24.28	24.11	24.06	25	1
20	16QAM	50	50	24.11	24.05	24.17	24.11	23.97		
20	16QAM	100	0	24.25	24.21	24.33	24.15	24.17		
20	64QAM	1	0	24.18	24.15	24.29	24.10	24.10		
20	64QAM	1	49	24.02	24.11	24.10	24.10	23.96	25	1
20	64QAM	1	99	24.08	24.03	24.14	24.03	23.96		
20	64QAM	50	0	23.26	23.22	23.38	23.20	23.14		
20	64QAM	50	24	23.15	23.14	23.27	23.19	23.03	24	2
20	64QAM	50	50	23.14	23.10	23.23	23.15	23.06		
20	64QAM	100	0	23.11	23.17	23.23	23.22	23.02		
20	256QAM	1	0	21.51	21.42	21.59	21.46	21.29		
20	256QAM	1	49	21.54	21.40	21.59	21.45	21.30	22	4
20	256QAM	1	99	21.24	21.37	21.38	21.38	21.28		
20	256QAM	50	0	21.36	21.31	21.43	21.35	21.24		
20	256QAM	50	24	21.22	21.16	21.29	21.24	21.04	22	4
20	256QAM	50	50	21.14	21.12	21.21	21.20	21.05		
20	256QAM	100	0	21.32	21.21	21.38	21.19	21.16		
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	25.52	25.47	25.59	25.30	25.28		
15	QPSK	1	37	25.39	25.12	25.50	25.28	25.20	26.00	0
15	QPSK	1	74	25.13	25.30	25.35	25.24	25.23		
15	QPSK	36	0	25.39	25.31	25.31	25.10	24.91		
15	QPSK	36	20	25.20	25.06	25.34	25.19	24.95	26	0
15	QPSK	36	39	24.93	25.03	25.07	25.24	25.04		
15	QPSK	75	0	25.24	25.15	25.23	25.15	25.00		
15	16QAM	1	0	25.43	25.36	25.51	25.38	25.36		
15	16QAM	1	37	25.25	25.30	25.37	25.42	25.23	26	0
15	16QAM	1	74	25.16	25.21	25.28	25.38	25.10		
15	16QAM	36	0	24.22	24.02	24.24	24.16	23.97		
15	16QAM	36	20	24.05	24.08	24.22	24.05	23.92	25	1
15	16QAM	36	39	24.08	23.99	24.08	24.06	23.86		
15	16QAM	75	0	24.19	24.08	24.27	24.04	24.02		
15	64QAM	1	0	24.04	24.10	24.16	24.05	23.99		
15	64QAM	1	37	23.89	24.04	23.97	23.98	23.88	25	1
15	64QAM	1	74	24.03	23.89	24.10	23.94	23.92		
15	64QAM	36	0	23.19	23.18	23.35	23.05	23.05		
15	64QAM	36	20	23.05	22.99	23.22	23.15	22.97	24	2
15	64QAM	36	39	23.04	22.99	23.14	23.10	22.96		
15	64QAM	75	0	23.04	23.03	23.08	23.18	22.92		
15	256QAM	1	0	21.43	21.30	21.51	21.39	21.22		
15	256QAM	1	37	21.42	21.27	21.46	21.36	21.19	22	4
15	256QAM	1	74	21.20	21.26	21.32	21.23	21.20		
15	256QAM	36	0	21.24	21.17	21.34	21.25	21.11		
15	256QAM	36	20	21.08	21.12	21.21	21.16	20.99	22	4
15	256QAM	36	39	21.10	21.08	21.07	21.09	20.98		
15	256QAM	75	0	21.21	21.12	21.31	21.06	21.07		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	25.44	25.44	25.54	25.33	25.27		
10	QPSK	1	25	25.35	25.11	25.51	25.34	25.28	26.00	0
10	QPSK	1	49	25.06	25.30	25.30	25.31	25.16		
10	QPSK	25	0	25.34	25.22	25.36	25.10	24.92		
10	QPSK	25	12	25.28	25.05	25.22	25.14	25.03	26	0
10	QPSK	25	25	24.92	25.06	25.09	25.14	24.97		
10	QPSK	50	0	25.30	25.06	25.23	25.24	24.96		
10	16QAM	1	0	25.47	25.40	25.60	25.41	25.36		
10	16QAM	1	25	25.20	25.34	25.40	25.38	25.12	26	0
10	16QAM	1	49	25.21	25.21	25.28	25.36	25.17		
10	16QAM	25	0	24.23	24.09	24.31	24.12	24.03		
10	16QAM	25	12	24.12	24.15	24.22	24.06	23.91	25	1
10	16QAM	25	25	24.04	23.96	24.14	24.04	23.85		
10	16QAM	50	0	24.18	24.14	24.28	24.06	24.13		
10	64QAM	1	0	24.09	24.09	24.26	24.06	23.97		
10	64QAM	1	25	23.94	23.98	24.02	23.99	23.88	25	1
10	64QAM	1	49	23.94	23.89	24.02	23.92	23.86		
10	64QAM	25	0	23.21	23.08	23.28	23.15	23.03		
10	64QAM	25	12	23.05	23.10	23.24	23.09	22.89	24	2
10	64QAM	25	25	23.02	22.97	23.20	23.08	22.96		
10	64QAM	50	0	22.97	23.07	23.13	23.18	22.98		
10	256QAM	1	0	21.47	21.39	21.54	21.36	21.18		
10	256QAM	1	25	21.51	21.26	21.47	21.39	21.25	22	4
10	256QAM	1	49	21.14	21.30	21.35	21.30	21.22		
10	256QAM	25	0	21.28	21.21	21.36	21.32	21.20		
10	256QAM	25	12	21.09	21.04	21.23	21.17	20.94	22	4
10	256QAM	25	25	20.99	21.07	21.13	21.16	20.96		
10	256QAM	50	0	21.28	21.16	21.27	21.11	21.02		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	25.51	25.43	25.46	25.38	25.40		
5	QPSK	1	12	25.43	25.07	25.45	25.33	25.31	26.00	0
5	QPSK	1	24	25.15	25.24	25.36	25.21	25.26		
5	QPSK	12	0	25.39	25.32	25.41	25.09	24.93		
5	QPSK	12	7	25.24	25.15	25.28	25.12	25.03	26	0
5	QPSK	12	13	24.93	25.06	25.02	25.17	25.05		
5	QPSK	25	0	25.21	25.05	25.28	25.22	25.09		
5	16QAM	1	0	25.47	25.42	25.62	25.38	25.27		
5	16QAM	1	12	25.29	25.29	25.33	25.35	25.24	26	0
5	16QAM	1	24	25.19	25.21	25.36	25.34	25.18		
5	16QAM	12	0	24.20	24.02	24.31	24.20	24.02		
5	16QAM	12	7	24.15	24.14	24.19	24.06	23.97	25	1
5	16QAM	12	13	24.06	23.98	24.03	24.07	23.89		
5	16QAM	25	0	24.12	24.15	24.26	24.06	24.07		
5	64QAM	1	0	24.07	24.10	24.21	24.05	24.00		
5	64QAM	1	12	23.91	23.97	24.02	24.07	23.92	25	1
5	64QAM	1	24	23.97	23.99	24.11	23.99	23.89		
5	64QAM	12	0	23.18	23.14	23.27	23.07	23.06		
5	64QAM	12	7	23.08	23.08	23.15	23.10	22.99	24	2
5	64QAM	12	13	23.00	22.98	23.16	23.05	23.01		
5	64QAM	25	0	23.08	23.11	23.11	23.18	22.98		
5	256QAM	1	0	21.45	21.34	21.49	21.41	21.22		
5	256QAM	1	12	21.48	21.25	21.46	21.37	21.17	22	4
5	256QAM	1	24	21.19	21.30	21.32	21.28	21.22		
5	256QAM	12	0	21.28	21.25	21.33	21.22	21.19		
5	256QAM	12	7	21.19	21.07	21.22	21.20	20.93	22	4
5	256QAM	12	13	21.08	21.06	21.15	21.16	20.96		
5	256QAM	25	0	21.24	21.16	21.25	21.12	21.06		

Band 48 Default Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	21.28	21.44	21.37	21.32		
20	QPSK	1	49	21.23	21.39	21.34	21.25	23	0
20	QPSK	1	99	21.26	21.34	21.19	21.20		
20	QPSK	50	0	21.25	21.37	21.32	21.23		
20	QPSK	50	24	21.24	21.35	21.30	21.31	23	0
20	QPSK	50	50	21.26	21.31	21.26	21.23		
20	QPSK	100	0	21.15	21.28	21.14	21.22		
20	16QAM	1	0	21.31	21.34	21.30	21.24		
20	16QAM	1	49	21.23	21.30	21.20	21.23	23	0
20	16QAM	1	99	21.16	21.29	21.15	21.20		
20	16QAM	50	0	21.16	21.26	21.18	21.15		
20	16QAM	50	24	21.14	21.20	21.17	21.11	22.5	0.5
20	16QAM	50	50	21.10	21.23	21.14	21.19		
20	16QAM	100	0	21.18	21.21	21.15	21.13		
20	64QAM	1	0	21.09	21.15	21.10	21.01		
20	64QAM	1	49	20.99	21.07	20.96	21.04	22.5	0.5
20	64QAM	1	99	21.08	21.13	20.99	21.09		
20	64QAM	50	0	19.96	20.09	20.04	19.98		
20	64QAM	50	24	20.18	20.22	20.08	20.15	21.5	1.5
20	64QAM	50	50	20.15	20.20	20.15	20.14		
20	64QAM	100	0	20.08	20.15	20.10	20.10		
20	256QAM	1	0	18.13	18.25	18.16	18.11		
20	256QAM	1	49	18.14	18.23	18.11	18.13	19	4
20	256QAM	1	99	18.16	18.20	18.16	18.10		
20	256QAM	50	0	18.01	18.15	18.04	18.02		
20	256QAM	50	24	18.14	18.17	18.02	18.05	19	4
20	256QAM	50	50	18.02	18.14	17.99	18.08		
20	256QAM	100	0	18.09	18.11	18.06	17.98		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	21.15	21.40	21.29	21.27		
15	QPSK	1	37	21.14	21.29	21.28	21.10	23	0
15	QPSK	1	74	21.20	21.20	21.06	21.13		
15	QPSK	36	0	21.17	21.24	21.18	21.18		
15	QPSK	36	20	21.09	21.22	21.25	21.23	23	0
15	QPSK	36	39	21.13	21.26	21.19	21.13		
15	QPSK	75	0	21.06	21.18	21.11	21.14		
15	16QAM	1	0	21.18	21.22	21.22	21.14		
15	16QAM	1	37	21.13	21.17	21.16	21.11	23	0
15	16QAM	1	74	21.10	21.16	21.07	21.09		
15	16QAM	36	0	21.06	21.18	21.14	21.09		
15	16QAM	36	20	21.04	21.07	21.03	20.99	22.5	0.5
15	16QAM	36	39	21.05	21.19	21.10	21.15		
15	16QAM	75	0	21.10	21.10	21.11	21.02		
15	64QAM	1	0	20.95	21.04	21.04	20.93		
15	64QAM	1	37	20.89	20.93	20.88	20.98	22.5	0.5
15	64QAM	1	74	20.95	21.02	20.91	21.03		
15	64QAM	36	0	19.93	20.05	19.99	19.85		
15	64QAM	36	20	20.06	20.07	20.04	20.07	21.5	1.5
15	64QAM	36	39	20.04	20.15	20.11	20.05		
15	64QAM	75	0	20.00	20.08	19.97	20.04		
15	256QAM	1	0	18.04	18.17	18.07	18.00		
15	256QAM	1	37	18.03	18.14	18.00	18.10	19	4
15	256QAM	1	74	18.12	18.08	18.13	17.99		
15	256QAM	36	0	17.91	18.03	17.94	17.95		
15	256QAM	36	20	18.10	18.07	17.90	17.95	19	4
15	256QAM	36	39	17.99	18.04	17.94	18.04		
15	256QAM	75	0	18.02	18.02	17.94	17.92		
Channel				55290	55815	56155	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	21.23	21.37	21.33	21.21		
10	QPSK	1	25	21.13	21.35	21.28	21.11	23	0
10	QPSK	1	49	21.12	21.22	21.10	21.13		
10	QPSK	25	0	21.19	21.32	21.18	21.12		
10	QPSK	25	12	21.18	21.23	21.18	21.20	23	0
10	QPSK	25	25	21.12	21.22	21.20	21.11		
10	QPSK	50	0	21.06	21.22	21.03	21.18		
10	16QAM	1	0	21.28	21.28	21.19	21.13		
10	16QAM	1	25	21.10	21.25	21.13	21.16	23	0
10	16QAM	1	49	21.02	21.20	21.09	21.10		
10	16QAM	25	0	21.12	21.21	21.04	21.10		
10	16QAM	25	12	21.02	21.16	21.05	21.07	22.5	0.5
10	16QAM	25	25	20.96	21.12	21.05	21.14		
10	16QAM	50	0	21.14	21.08	21.11	21.05		
10	64QAM	1	0	21.03	21.06	20.98	20.97		
10	64QAM	1	25	20.96	21.04	20.84	21.01	22.5	0.5
10	64QAM	1	49	21.03	20.98	20.92	20.98		
10	64QAM	25	0	19.92	19.95	19.91	19.94		
10	64QAM	25	12	20.11	20.10	19.93	20.03	21.5	1.5
10	64QAM	25	25	20.07	20.11	20.08	20.03		
10	64QAM	50	0	19.94	20.02	20.05	20.06		
10	256QAM	1	0	18.03	18.15	18.12	18.07		
10	256QAM	1	25	18.10	18.14	18.07	18.00	19	4
10	256QAM	1	49	18.03	18.12	18.12	17.98		
10	256QAM	25	0	17.95	18.10	17.90	17.94		
10	256QAM	25	12	18.02	18.06	17.99	17.91	19	4
10	256QAM	25	25	17.94	18.08	17.90	18.00		
10	256QAM	50	0	18.03	18.07	17.98	17.92		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3553.5	3607	3643	3697.5		
5	QPSK	1	0	21.15	21.31	21.28	21.19		
5	QPSK	1	12	21.14	21.35	21.28	21.19	23	0
5	QPSK	1	24	21.11	21.31	21.15	21.10		
5	QPSK	12	0	21.15	21.29	21.19	21.10		
5	QPSK	12	7	21.20	21.25	21.22	21.19	23	0
5	QPSK	12	13	21.14	21.19	21.18	21.11		
5	QPSK	25	0	21.11	21.19	21.09	21.16		
5	16QAM	1	0	21.23	21.27	21.18	21.11		
5	16QAM	1	12	21.16	21.18	21.08	21.19	23	0
5	16QAM	1	24	21.10	21.16	21.02	21.11		
5	16QAM	12	0	21.05	21.15	21.05	21.12		
5	16QAM	12	7	21.09	21.11	21.10	21.06	22.5	0.5
5	16QAM	12	13	21.01	21.15	21.03	21.08		
5	16QAM	25	0	21.08	21.07	21.03	21.07		
5	64QAM	1	0	21.03	21.07	20.95	20.93		
5	64QAM	1	12	20.91	20.99	20.87	20.90	22.5	0.5
5	64QAM	1	24	21.04	20.99	20.85	20.97		
5	64QAM	12	0	19.83	19.97	19.97	19.85		
5	64QAM	12	7	20.15	20.17	19.99	20.06	21.5	1.5
5	64QAM	12	13	20.11	20.14	20.03	20.00		
5	64QAM	25	0	20.04	20.11	20.03	19.99		
5	256QAM	1	0	18.01	18.16	18.13	18.04		
5	256QAM	1	12	18.10	18.17	18.00	18.00	19	4
5	256QAM	1	24	18.04	18.10	18.02	18.06		
5	256QAM	12	0	17.93	18.01	17.99	17.97		
5	256QAM	12	7	18.06	18.03	17.90	17.95	19	4
5	256QAM	12	13	17.94	18.05	17.92	17.95		
5	256QAM	25	0	18.00	18.06	18.01	17.84		

GSM850 Ant1

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	31.42	31.48	31.36	32.50	22.42	22.48	22.36	23.50
GPRS 1 Tx slot	31.39	31.45	31.33	32.50	22.39	22.45	22.33	23.50
GPRS 2 Tx slots	28.27	28.39	28.32	29.50	22.27	22.39	22.32	23.50
GPRS 3 Tx slots	26.80	26.91	26.80	28.00	22.54	22.65	22.54	23.74
GPRS 4 Tx slots	25.16	25.22	25.17	26.00	22.16	22.22	22.17	23.00
EDGE 1 Tx slot	24.03	24.17	24.05	25.00	15.03	15.17	15.05	16.00
EDGE 2 Tx slots	22.29	22.41	22.34	23.50	16.29	16.41	16.34	17.50
EDGE 3 Tx slots	21.15	21.23	21.08	22.00	16.89	16.97	16.82	17.74
EDGE 4 Tx slots	18.99	19.08	18.93	20.00	15.99	16.08	15.93	17.00

GSM1900 Ant1

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	27.66	27.74	27.63	28.50	18.66	18.74	18.63	19.50
GPRS 1 Tx slot	27.52	27.67	27.57	28.50	18.52	18.67	18.57	19.50
GPRS 2 Tx slots	25.06	25.09	24.98	26.00	19.06	19.09	18.98	20.00
GPRS 3 Tx slots	23.36	23.42	23.32	24.50	19.10	19.16	19.06	20.24
GPRS 4 Tx slots	20.62	20.74	20.63	21.50	17.62	17.74	17.63	18.50
EDGE 1 Tx slot	22.78	22.86	22.72	23.50	13.78	13.86	13.72	14.50
EDGE 2 Tx slots	21.13	21.22	21.13	22.00	15.13	15.22	15.13	16.00
EDGE 3 Tx slots	19.86	19.96	19.86	21.00	15.60	15.70	15.60	16.74
EDGE 4 Tx slots	17.91	18.05	17.97	19.00	14.91	15.05	14.97	16.00

WCDMA II Ant1 / WCDMA IV Ant3 / WCDMA V Ant1

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	21.45	21.53	21.44	23.00	21.42	21.44	21.31	23.00	21.14	21.17	21.04	23.00
3GPP Rel 99	RMC 12.2Kbps	21.48	21.57	21.51	23.00	21.45	21.49	21.37	23.00	21.17	21.23	21.09	23.00
3GPP Rel 6	HSDPA Subtest-1	20.55	20.64	20.47	22.00	20.46	20.57	20.32	22.00	20.23	20.23	20.02	22.00
3GPP Rel 6	HSDPA Subtest-2	20.48	20.57	20.52	22.00	20.42	20.50	20.41	22.00	20.12	20.22	20.17	22.00
3GPP Rel 6	HSDPA Subtest-3	20.02	20.14	20.10	21.50	19.91	20.02	19.95	21.50	19.57	19.70	19.69	21.50
3GPP Rel 6	HSDPA Subtest-4	19.95	20.18	20.08	21.50	19.87	20.11	19.94	21.50	19.56	19.79	19.61	21.50
3GPP Rel 8	DC-HSDPA Subtest-1	20.50	20.70	20.45	22.00	20.46	20.63	20.35	22.00	20.21	20.32	20.01	22.00
3GPP Rel 8	DC-HSDPA Subtest-2	20.37	20.42	20.36	22.00	20.33	20.29	20.28	22.00	20.08	20.06	19.94	22.00
3GPP Rel 8	DC-HSDPA Subtest-3	19.99	19.96	19.92	21.50	19.94	19.84	19.88	21.50	19.69	19.58	19.65	21.50
3GPP Rel 8	DC-HSDPA Subtest-4	19.87	19.94	19.99	21.50	19.82	19.80	19.93	21.50	19.49	19.47	19.64	21.50
3GPP Rel 6	HSUPA Subtest-1	20.56	20.61	20.66	22.00	20.43	20.56	20.56	22.00	20.15	20.22	20.28	22.00
3GPP Rel 6	HSUPA Subtest-2	18.53	18.67	18.52	20.00	18.42	18.53	18.39	20.00	18.09	18.19	18.13	20.00
3GPP Rel 6	HSUPA Subtest-3	19.53	19.62	19.58	21.00	19.43	19.53	19.47	21.00	19.19	19.20	19.15	21.00
3GPP Rel 6	HSUPA Subtest-4	18.45	18.48	18.44	20.00	18.37	18.45	18.35	20.00	18.04	18.14	18.03	20.00
3GPP Rel 6	HSUPA Subtest-5	20.59	20.49	20.39	22.00	20.55	20.36	20.33	22.00	20.21	20.03	20.08	22.00

Band 2 Default Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	20.90	21.09	20.98	22	0
20	QPSK	1	49	20.75	21.04	20.88		
20	QPSK	1	99	20.80	20.88	20.76		
20	QPSK	50	0	20.99	21.04	20.89		
20	QPSK	50	24	20.87	20.99	20.90	22	0
20	QPSK	50	50	20.88	20.92	20.80		
20	QPSK	100	0	20.90	20.96	20.87		
20	16QAM	1	0	20.80	20.93	20.79		
20	16QAM	1	49	20.77	20.83	20.83	22	0
20	16QAM	1	99	20.69	20.73	20.77		
20	16QAM	50	0	20.82	20.88	20.76		
20	16QAM	50	24	20.72	20.85	20.69	21.5	0.5
20	16QAM	50	50	20.72	20.79	20.66		
20	16QAM	100	0	20.76	20.85	20.77		
20	64QAM	1	0	20.71	20.80	20.71		
20	64QAM	1	49	20.67	20.76	20.72	21.5	0.5
20	64QAM	1	99	20.56	20.71	20.61		
20	64QAM	50	0	19.80	19.88	19.76		
20	64QAM	50	24	19.77	19.73	19.69	20.5	1.5
20	64QAM	50	50	19.71	19.72	19.69		
20	64QAM	100	0	19.86	19.83	19.80		
20	256QAM	1	0	17.86	17.99	17.89	18.5	3.5
20	256QAM	1	49	17.87	17.99	17.89		
20	256QAM	1	99	17.82	17.86	17.81		
20	256QAM	50	0	17.88	17.94	17.88		
20	256QAM	50	24	17.73	17.83	17.80	18.5	3.5
20	256QAM	50	50	17.75	17.81	17.69		
20	256QAM	100	0	17.81	17.87	17.74		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	20.86	21.02	20.89	22	0
15	QPSK	1	37	20.75	20.99	20.80		
15	QPSK	1	74	20.73	21.00	20.86		
15	QPSK	36	0	20.93	21.03	20.87		
15	QPSK	36	20	20.78	20.91	20.88		
15	QPSK	36	39	20.90	20.83	20.73		
15	QPSK	75	0	20.82	20.95	20.77		
15	16QAM	1	0	20.75	20.91	20.81	22	0
15	16QAM	1	37	20.76	20.73	20.84		
15	16QAM	1	74	20.66	20.74	20.71		
15	16QAM	36	0	20.72	20.81	20.67	21.5	0.5
15	16QAM	36	20	20.64	20.84	20.69		
15	16QAM	36	39	20.66	20.80	20.57		
15	16QAM	75	0	20.73	20.83	20.75		
15	64QAM	1	0	20.70	20.72	20.67	21.5	0.5
15	64QAM	1	37	20.66	20.76	20.74		
15	64QAM	1	74	20.49	20.69	20.55		
15	64QAM	36	0	19.72	19.86	19.74	20.5	1.5
15	64QAM	36	20	19.76	19.81	19.66		
15	64QAM	36	39	19.71	19.63	19.61		
15	64QAM	75	0	19.86	19.82	19.78		
15	256QAM	1	0	17.80	17.90	17.86	18.5	3.5
15	256QAM	1	37	17.84	17.88	17.78		
15	256QAM	1	74	17.76	17.85	17.72		
15	256QAM	36	0	17.86	17.93	17.81		
15	256QAM	36	20	17.73	17.82	17.78	18.5	3.5
15	256QAM	36	39	17.66	17.74	17.66		
15	256QAM	75	0	17.73	17.89	17.68		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	20.89	21.05	20.91	22	0
10	QPSK	1	25	20.70	20.95	20.82		
10	QPSK	1	49	20.71	20.94	20.92		
10	QPSK	25	0	20.94	20.94	20.87		
10	QPSK	25	12	20.84	20.95	20.84	22	0
10	QPSK	25	25	20.84	20.85	20.83		
10	QPSK	50	0	20.80	20.86	20.82		
10	16QAM	1	0	20.79	20.95	20.74		
10	16QAM	1	25	20.78	20.74	20.85	22	0
10	16QAM	1	49	20.62	20.73	20.73		
10	16QAM	25	0	20.83	20.89	20.70		
10	16QAM	25	12	20.72	20.84	20.66	21.5	0.5
10	16QAM	25	25	20.68	20.80	20.64		
10	16QAM	50	0	20.73	20.87	20.77		
10	64QAM	1	0	20.64	20.75	20.71	21.5	0.5
10	64QAM	1	25	20.64	20.76	20.64		
10	64QAM	1	49	20.49	20.69	20.55		
10	64QAM	25	0	19.75	19.87	19.67	20.5	1.5
10	64QAM	25	12	19.75	19.65	19.71		
10	64QAM	25	25	19.67	19.67	19.67		
10	64QAM	50	0	19.79	19.77	19.82		
10	256QAM	1	0	17.81	17.92	17.86	18.5	3.5
10	256QAM	1	25	17.81	17.92	17.85		
10	256QAM	1	49	17.73	17.79	17.76		
10	256QAM	25	0	17.82	17.85	17.80	18.5	3.5
10	256QAM	25	12	17.69	17.78	17.75		
10	256QAM	25	25	17.75	17.78	17.70		
10	256QAM	50	0	17.82	17.78	17.68		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	20.81	21.06	20.88	22	0
5	QPSK	1	12	20.65	20.99	20.82		
5	QPSK	1	24	20.72	21.01	20.90		
5	QPSK	12	0	20.90	21.01	20.81	22	0
5	QPSK	12	7	20.87	20.95	20.86		
5	QPSK	12	13	20.86	20.84	20.73		
5	QPSK	25	0	20.87	20.94	20.79		
5	16QAM	1	0	20.78	20.90	20.76	22	0
5	16QAM	1	12	20.73	20.74	20.78		
5	16QAM	1	24	20.62	20.67	20.71		
5	16QAM	12	0	20.83	20.83	20.78	21.5	0.5
5	16QAM	12	7	20.71	20.79	20.64		
5	16QAM	12	13	20.71	20.75	20.62		
5	16QAM	25	0	20.73	20.78	20.74		
5	64QAM	1	0	20.65	20.77	20.62	21.5	0.5
5	64QAM	1	12	20.69	20.66	20.73		
5	64QAM	1	24	20.48	20.68	20.53		
5	64QAM	12	0	19.71	19.82	19.66	20.5	1.5
5	64QAM	12	7	19.73	19.65	19.68		
5	64QAM	12	13	19.73	19.72	19.60		
5	64QAM	25	0	19.80	19.79	19.79		
5	256QAM	1	0	17.76	17.97	17.81	18.5	3.5
5	256QAM	1	12	17.79	17.96	17.85		
5	256QAM	1	24	17.78	17.78	17.81		
5	256QAM	12	0	17.78	17.89	17.80	18.5	3.5
5	256QAM	12	7	17.66	17.84	17.81		
5	256QAM	12	13	17.73	17.76	17.59		
5	256QAM	25	0	17.78	17.84	17.73		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	20.91	21.00	20.91	22	0
3	QPSK	1	8	20.76	20.94	20.81		
3	QPSK	1	14	20.70	20.93	20.83		
3	QPSK	8	0	20.97	20.99	20.84	22	0
3	QPSK	8	4	20.82	21.00	20.88		
3	QPSK	8	7	20.90	20.87	20.76		
3	QPSK	15	0	20.84	20.86	20.86		
3	16QAM	1	0	20.82	20.94	20.71	22	0
3	16QAM	1	8	20.72	20.75	20.77		
3	16QAM	1	14	20.65	20.68	20.77		
3	16QAM	8	0	20.74	20.88	20.76	21.5	0.5
3	16QAM	8	4	20.72	20.79	20.64		
3	16QAM	8	7	20.66	20.81	20.60		
3	16QAM	15	0	20.78	20.80	20.70		
3	64QAM	1	0	20.71	20.74	20.63	21.5	0.5
3	64QAM	1	8	20.61	20.74	20.65		
3	64QAM	1	14	20.46	20.71	20.56		
3	64QAM	8	0	19.79	19.79	19.71	20.5	1.5
3	64QAM	8	4	19.71	19.64	19.69		
3	64QAM	8	7	19.61	19.63	19.67		
3	64QAM	15	0	19.79	19.73	19.77		
3	256QAM	1	0	17.84	17.94	17.88	18.5	3.5
3	256QAM	1	8	17.88	17.94	17.87		
3	256QAM	1	14	17.81	17.82	17.75		
3	256QAM	8	0	17.88	17.92	17.79		
3	256QAM	8	4	17.65	17.84	17.78	18.5	3.5
3	256QAM	8	7	17.70	17.81	17.71		
3	256QAM	15	0	17.80	17.78	17.75		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	20.81	21.07	20.93	22	0
1.4	QPSK	1	3	20.66	20.93	20.79		
1.4	QPSK	1	5	20.76	20.96	20.83		
1.4	QPSK	3	0	20.95	21.00	20.80		
1.4	QPSK	3	1	20.77	20.88	20.78		
1.4	QPSK	3	3	20.84	20.89	20.72		
1.4	QPSK	6	0	20.86	20.91	20.83	22	0
1.4	16QAM	1	0	20.73	20.81	20.76	22	0
1.4	16QAM	1	3	20.73	20.71	20.75		
1.4	16QAM	1	5	20.68	20.66	20.65		
1.4	16QAM	3	0	20.71	20.80	20.69		
1.4	16QAM	3	1	20.68	20.79	20.77		
1.4	16QAM	3	3	20.64	20.66	20.73		
1.4	16QAM	6	0	20.70	20.77	20.74	21.5	0.5
1.4	64QAM	1	0	20.60	20.76	20.64	21.5	0.5
1.4	64QAM	1	3	20.60	20.77	20.58		
1.4	64QAM	1	5	20.63	20.80	20.73		
1.4	64QAM	3	0	20.67	20.77	20.65		
1.4	64QAM	3	1	20.64	20.67	20.64		
1.4	64QAM	3	3	20.50	20.64	20.51		
1.4	64QAM	6	0	19.76	19.84	19.68	20.5	1.5
1.4	256QAM	1	0	17.76	17.92	17.76	18.5	3.5
1.4	256QAM	1	3	17.76	17.95	17.77		
1.4	256QAM	1	5	17.69	17.74	17.80		
1.4	256QAM	3	0	17.76	17.90	17.83		
1.4	256QAM	3	1	17.67	17.78	17.71		
1.4	256QAM	3	3	17.65	17.74	17.62		
1.4	256QAM	6	0	17.75	17.75	17.64	18.5	3.5

Band 4 Default Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	20.93	21.08	20.89	22	0
20	QPSK	1	49	20.80	20.94	20.80		
20	QPSK	1	99	20.77	20.80	20.78		
20	QPSK	50	0	20.75	20.91	20.83		
20	QPSK	50	24	20.72	20.81	20.79	22	0
20	QPSK	50	50	20.74	20.78	20.77		
20	QPSK	100	0	20.78	20.85	20.83		
20	16QAM	1	0	20.87	20.92	20.80		
20	16QAM	1	49	20.78	20.85	20.75	22	0
20	16QAM	1	99	20.67	20.83	20.68		
20	16QAM	50	0	20.74	20.80	20.66		
20	16QAM	50	24	20.68	20.74	20.66	21.5	0.5
20	16QAM	50	50	20.62	20.70	20.62		
20	16QAM	100	0	20.63	20.78	20.69		
20	64QAM	1	0	20.78	20.85	20.75		
20	64QAM	1	49	20.74	20.80	20.74	21.5	0.5
20	64QAM	1	99	20.59	20.70	20.72		
20	64QAM	50	0	19.74	19.90	19.79		
20	64QAM	50	24	19.70	19.83	19.71	20.5	1.5
20	64QAM	50	50	19.64	19.78	19.66		
20	64QAM	100	0	19.68	19.74	19.75		
20	256QAM	1	0	17.99	18.06	18.01	18.5	3.5
20	256QAM	1	49	17.92	18.06	17.88		
20	256QAM	1	99	17.89	17.94	17.86		
20	256QAM	50	0	17.65	17.82	17.71		
20	256QAM	50	24	17.66	17.77	17.71	18.5	3.5
20	256QAM	50	50	17.57	17.72	17.68		
20	256QAM	100	0	17.65	17.77	17.70		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	20.86	21.02	20.78	22	0
15	QPSK	1	37	20.70	20.88	20.75		
15	QPSK	1	74	20.66	20.86	20.73		
15	QPSK	36	0	20.63	20.85	20.74		
15	QPSK	36	20	20.62	20.76	20.67	22	0
15	QPSK	36	39	20.60	20.67	20.69		
15	QPSK	75	0	20.69	20.75	20.76		
15	16QAM	1	0	20.80	20.78	20.76	22	0
15	16QAM	1	37	20.67	20.78	20.62		
15	16QAM	1	74	20.62	20.73	20.58		
15	16QAM	36	0	20.67	20.75	20.56		
15	16QAM	36	20	20.58	20.69	20.63	21.5	0.5
15	16QAM	36	39	20.50	20.64	20.50		
15	16QAM	75	0	20.66	20.68	20.68		
15	64QAM	1	0	20.68	20.76	20.63	21.5	0.5
15	64QAM	1	37	20.66	20.69	20.68		
15	64QAM	1	74	20.48	20.62	20.64		
15	64QAM	36	0	19.94	20.05	19.74	20.5	1.5
15	64QAM	36	20	19.83	19.70	19.56		
15	64QAM	36	39	19.55	19.66	19.51		
15	64QAM	75	0	19.65	19.67	19.63		
15	256QAM	1	0	17.86	17.92	17.89	18.5	3.5
15	256QAM	1	37	17.78	18.01	17.84		
15	256QAM	1	74	17.78	17.81	17.73		
15	256QAM	36	0	17.57	17.74	17.59	18.5	3.5
15	256QAM	36	20	17.62	17.65	17.65		
15	256QAM	36	39	17.42	17.60	17.54		
15	256QAM	75	0	17.56	17.64	17.58		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	20.85	20.99	20.75	22	0
10	QPSK	1	25	20.75	20.84	20.74		
10	QPSK	1	49	20.66	20.77	20.68		
10	QPSK	25	0	20.66	20.83	20.73		
10	QPSK	25	12	20.64	20.69	20.72	22	0
10	QPSK	25	25	20.64	20.71	20.67		
10	QPSK	50	0	20.69	20.81	20.76		
10	16QAM	1	0	20.77	20.85	20.68		
10	16QAM	1	25	20.71	20.71	20.71	22	0
10	16QAM	1	49	20.59	20.73	20.56		
10	16QAM	25	0	20.62	20.67	20.57		
10	16QAM	25	12	20.59	20.60	20.52	21.5	0.5
10	16QAM	25	25	20.58	20.64	20.48		
10	16QAM	50	0	20.49	20.69	20.59		
10	64QAM	1	0	20.66	20.71	20.67	21.5	0.5
10	64QAM	1	25	20.70	20.71	20.63		
10	64QAM	1	49	20.55	20.62	20.61		
10	64QAM	25	0	19.63	19.76	19.72	20.5	1.5
10	64QAM	25	12	19.58	19.69	19.64		
10	64QAM	25	25	19.58	19.69	19.60		
10	64QAM	50	0	19.56	19.67	19.62		
10	256QAM	1	0	17.90	17.97	17.89	18.5	3.5
10	256QAM	1	25	17.83	17.95	17.82		
10	256QAM	1	49	17.83	17.82	17.75		
10	256QAM	25	0	17.54	17.70	17.60	18.5	3.5
10	256QAM	25	12	17.63	17.63	17.61		
10	256QAM	25	25	17.51	17.67	17.64		
10	256QAM	50	0	17.52	17.68	17.55		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	20.80	20.94	20.78	22	0
5	QPSK	1	12	20.73	20.90	20.68		
5	QPSK	1	24	20.68	20.87	20.70		
5	QPSK	12	0	20.70	20.84	20.69	22	0
5	QPSK	12	7	20.65	20.76	20.67		
5	QPSK	12	13	20.67	20.71	20.72		
5	QPSK	25	0	20.66	20.73	20.79		
5	16QAM	1	0	20.71	20.87	20.76	22	0
5	16QAM	1	12	20.74	20.73	20.86		
5	16QAM	1	24	20.57	20.75	20.63		
5	16QAM	12	0	20.67	20.66	20.60	21.5	0.5
5	16QAM	12	7	20.59	20.68	20.55		
5	16QAM	12	13	20.60	20.66	20.67		
5	16QAM	25	0	20.55	20.63	20.55		
5	64QAM	1	0	20.75	20.75	20.60	21.5	0.5
5	64QAM	1	12	20.65	20.73	20.64		
5	64QAM	1	24	20.51	20.68	20.60		
5	64QAM	12	0	19.67	19.79	19.66	20.5	1.5
5	64QAM	12	7	19.55	19.71	19.57		
5	64QAM	12	13	19.56	19.70	19.56		
5	64QAM	25	0	19.63	19.60	19.68		
5	256QAM	1	0	17.94	18.00	17.89	18.5	3.5
5	256QAM	1	12	17.86	17.98	17.85		
5	256QAM	1	24	17.78	17.91	17.74		
5	256QAM	12	0	17.61	17.78	17.63	18.5	3.5
5	256QAM	12	7	17.55	17.70	17.65		
5	256QAM	12	13	17.47	17.64	17.64		
5	256QAM	25	0	17.57	17.69	17.65		
Channel				19950	20175	20400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	20.79	21.04	20.79	22	0
3	QPSK	1	8	20.69	20.80	20.71		
3	QPSK	1	14	20.72	20.81	20.71		
3	QPSK	8	0	20.64	20.88	20.77	22	0
3	QPSK	8	4	20.68	20.76	20.64		
3	QPSK	8	7	20.61	20.64	20.71		
3	QPSK	15	0	20.73	20.73	20.69		
3	16QAM	1	0	20.73	20.81	20.70	22	0
3	16QAM	1	8	20.64	20.72	20.66		
3	16QAM	1	14	20.53	20.73	20.54		
3	16QAM	8	0	20.61	20.71	20.62	21.5	0.5
3	16QAM	8	4	20.59	20.69	20.58		
3	16QAM	8	7	20.47	20.63	20.48		
3	16QAM	15	0	20.52	20.72	20.61		
3	64QAM	1	0	20.75	20.70	20.64	21.5	0.5
3	64QAM	1	8	20.64	20.76	20.62		
3	64QAM	1	14	20.55	20.57	20.62		
3	64QAM	8	0	19.59	19.79	19.67	20.5	1.5
3	64QAM	8	4	19.58	19.68	19.59		
3	64QAM	8	7	19.59	19.71	19.57		
3	64QAM	15	0	19.55	19.61	19.71		
3	256QAM	1	0	17.88	18.00	17.86	18.5	3.5
3	256QAM	1	8	17.89	18.02	17.78		
3	256QAM	1	14	17.75	17.87	17.83		
3	256QAM	8	0	17.51	17.71	17.56	18.5	3.5
3	256QAM	8	4	17.55	17.62	17.62		
3	256QAM	8	7	17.48	17.60	17.57		
3	256QAM	15	0	17.55	17.71	17.62		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	20.80	20.99	20.81	22	0
1.4	QPSK	1	3	20.69	20.86	20.69		
1.4	QPSK	1	5	20.68	20.79	20.74		
1.4	QPSK	3	0	20.67	20.78	20.78		
1.4	QPSK	3	1	20.66	20.70	20.69		
1.4	QPSK	3	3	20.70	20.69	20.74		
1.4	QPSK	6	0	20.71	20.77	20.76	22	0
1.4	16QAM	1	0	20.78	20.79	20.72	22	0
1.4	16QAM	1	3	20.74	20.81	20.64		
1.4	16QAM	1	5	20.61	20.87	20.74		
1.4	16QAM	3	0	20.61	20.78	20.73		
1.4	16QAM	3	1	20.69	20.67	20.74		
1.4	16QAM	3	3	20.72	20.73	20.74		
1.4	16QAM	6	0	20.62	20.74	20.57	21.5	0.5
1.4	64QAM	1	0	20.55	20.60	20.58	21.5	0.5
1.4	64QAM	1	3	20.47	20.63	20.57		
1.4	64QAM	1	5	20.59	20.73	20.61		
1.4	64QAM	3	0	20.71	20.74	20.70		
1.4	64QAM	3	1	20.68	20.65	20.66		
1.4	64QAM	3	3	20.46	20.62	20.61		
1.4	64QAM	6	0	19.69	19.86	19.74	20.5	1.5
1.4	256QAM	1	0	17.87	17.95	17.96	18.5	3.5
1.4	256QAM	1	3	17.86	17.94	17.75		
1.4	256QAM	1	5	17.76	17.90	17.71		
1.4	256QAM	3	0	17.53	17.72	17.58		
1.4	256QAM	3	1	17.53	17.68	17.65		
1.4	256QAM	3	3	17.45	17.67	17.62		
1.4	256QAM	6	0	17.57	17.74	17.60	18.5	3.5

Band 5 Default Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	21.22	21.31	21.26	22	0
10	QPSK	1	25	21.16	21.28	21.20		
10	QPSK	1	49	21.08	21.16	21.12		
10	QPSK	25	0	21.13	21.25	21.19		
10	QPSK	25	12	21.12	21.16	21.11	22	0
10	QPSK	25	25	20.99	21.09	21.03		
10	QPSK	50	0	21.03	21.18	21.11		
10	16QAM	1	0	21.05	21.16	21.06		
10	16QAM	1	25	21.04	21.03

Band 12 Default Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	21.61	21.73	21.68	23	0
10	QPSK	1	25	21.43	21.61	21.52		
10	QPSK	1	49	21.47	21.49	21.52		
10	QPSK	25	0	21.60	21.70	21.55	23	0
10	QPSK	25	12	21.55	21.63	21.53		
10	QPSK	25	25	21.46	21.48	21.46		
10	QPSK	50	0	21.51	21.57	21.45		
10	16QAM	1	0	21.55	21.63	21.51	23	0
10	16QAM	1	25	21.40	21.48	21.36		
10	16QAM	1	49	21.35	21.48	21.44		
10	16QAM	25	0	21.39	21.59	21.49	22.5	0.5
10	16QAM	25	12	21.34	21.46	21.40		
10	16QAM	25	25	21.38	21.39	21.41		
10	16QAM	50	0	21.33	21.54	21.40		
10	64QAM	1	0	21.34	21.50	21.36	22.5	0.5
10	64QAM	1	25	21.26	21.32	21.33		
10	64QAM	1	49	21.24	21.36	21.28		
10	64QAM	25	0	20.40	20.53	20.43	21.5	1.5
10	64QAM	25	12	20.37	20.43	20.31		
10	64QAM	25	25	20.28	20.34	20.33		
10	64QAM	50	0	20.25	20.37	20.31		
10	256QAM	1	0	18.44	18.62	18.48	19.5	3.5
10	256QAM	1	25	18.42	18.62	18.49		
10	256QAM	1	49	18.41	18.37	18.33		
10	256QAM	25	0	18.35	18.53	18.42	19.5	3.5
10	256QAM	25	12	18.26	18.37	18.36		
10	256QAM	25	25	18.24	18.32	18.32		
10	256QAM	50	0	18.33	18.45	18.30		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	21.56	21.63	21.54	23	0
5	QPSK	1	12	21.37	21.56	21.43		
5	QPSK	1	24	21.33	21.44	21.40		
5	QPSK	12	0	21.51	21.58	21.44	23	0
5	QPSK	12	7	21.49	21.58	21.39		
5	QPSK	12	13	21.34	21.39	21.41		
5	QPSK	25	0	21.40	21.46	21.33		
5	16QAM	1	0	21.48	21.51	21.40	23	0
5	16QAM	1	12	21.30	21.37	21.23		
5	16QAM	1	24	21.22	21.37	21.31		
5	16QAM	12	0	21.31	21.46	21.41	22.5	0.5
5	16QAM	12	7	21.23	21.39	21.27		
5	16QAM	12	13	21.27	21.32	21.38		
5	16QAM	25	0	21.26	21.43	21.34		
5	64QAM	1	0	21.20	21.36	21.22	22.5	0.5
5	64QAM	1	12	21.12	21.17	21.27		
5	64QAM	1	24	21.13	21.26	21.20		
5	64QAM	12	0	20.31	20.41	20.30	21.5	1.5
5	64QAM	12	7	20.33	20.34	20.19		
5	64QAM	12	13	20.17	20.20	20.18		
5	64QAM	25	0	20.15	20.22	20.24		
5	256QAM	1	0	18.36	18.53	18.35	19.5	3.5
5	256QAM	1	12	18.31	18.50	18.45		
5	256QAM	1	24	18.28	18.31	18.25		
5	256QAM	12	0	18.30	18.45	18.31	19.5	3.5
5	256QAM	12	7	18.17	18.24	18.23		
5	256QAM	12	13	18.20	18.23	18.20		
5	256QAM	25	0	18.30	18.42	18.17		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	21.46	21.66	21.63	23	0
3	QPSK	1	8	21.32	21.54	21.37		
3	QPSK	1	14	21.42	21.43	21.38		
3	QPSK	8	0	21.55	21.59	21.43	23	0
3	QPSK	8	4	21.48	21.52	21.39		
3	QPSK	8	7	21.32	21.40	21.38		
3	QPSK	15	0	21.37	21.53	21.37		
3	16QAM	1	0	21.47	21.57	21.37	23	0
3	16QAM	1	8	21.30	21.41	21.33		
3	16QAM	1	14	21.22	21.42	21.30		
3	16QAM	8	0	21.26	21.49	21.41	22.5	0.5
3	16QAM	8	4	21.21	21.38	21.30		
3	16QAM	8	7	21.28	21.32	21.27		
3	16QAM	15	0	21.22	21.47	21.36		
3	64QAM	1	0	21.20	21.40	21.29	22.5	0.5
3	64QAM	1	8	21.12	21.29	21.19		
3	64QAM	1	14	21.12	21.23	21.18		
3	64QAM	8	0	20.37	20.43	20.39	21.5	1.5
3	64QAM	8	4	20.23	20.28	20.25		
3	64QAM	8	7	20.16	20.19	20.27		
3	64QAM	15	0	20.19	20.25	20.22		
3	256QAM	1	0	18.30	18.47	18.36	19.5	3.5
3	256QAM	1	8	18.27	18.49	18.43		
3	256QAM	1	14	18.28	18.33	18.28		
3	256QAM	8	0	18.28	18.40	18.31	19.5	3.5
3	256QAM	8	4	18.18	18.26	18.30		
3	256QAM	8	7	18.20	18.19	18.29		
3	256QAM	15	0	18.23	18.36	18.17		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	21.46	21.69	21.55	23	0
1.4	QPSK	1	3	21.35	21.50	21.49		
1.4	QPSK	1	5	21.40	21.44	21.45		
1.4	QPSK	3	0	21.57	21.57	21.40		
1.4	QPSK	3	1	21.48	21.59	21.39		
1.4	QPSK	3	3	21.35	21.33	21.35		
1.4	QPSK	6	0	21.39	21.50	21.30	23	0
1.4	16QAM	1	0	21.50	21.56	21.39	23	0
1.4	16QAM	1	3	21.34	21.40	21.33		
1.4	16QAM	1	5	21.26	21.42	21.40		
1.4	16QAM	3	0	21.28	21.46	21.39		
1.4	16QAM	3	1	21.26	21.44	21.28		
1.4	16QAM	3	3	21.23	21.37	21.35		
1.4	16QAM	6	0	21.21	21.48	21.34	22.5	0.5
1.4	64QAM	1	0	21.28	21.41	21.27	22.5	0.5
1.4	64QAM	1	3	21.13	21.21	21.19		
1.4	64QAM	1	5	21.19	21.28	21.18		
1.4	64QAM	3	0	21.23	21.36	21.32		
1.4	64QAM	3	1	21.23	21.23	21.20		
1.4	64QAM	3	3	21.10	21.22	21.17		
1.4	64QAM	6	0	20.35	20.41	20.29	21.5	1.5
1.4	256QAM	1	0	18.37	18.49	18.44	19.5	3.5
1.4	256QAM	1	3	18.33	18.55	18.44		
1.4	256QAM	1	5	18.29	18.28	18.24		
1.4	256QAM	3	0	18.27	18.39	18.30		
1.4	256QAM	3	1	18.14	18.30	18.24		
1.4	256QAM	3	3	18.15	18.24	18.22		
1.4	256QAM	6	0	18.27	18.30	18.19	19.5	3.5

Band 13 Default Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		21.67		23	0
10	QPSK	1	25		21.48			
10	QPSK	1	49		21.50			
10	QPSK	25	0		21.63		23	0
10	QPSK	25	12		21.50			
10	QPSK	25	25		21.39			
10	QPSK	50	0		21.56			
10	16QAM	1	0		21.50		23	0
10	16QAM	1	25		21.45			
10	16QAM	1	49		21.45			
10	16QAM	25	0		21.47		22.5	0.5
10	16QAM	25	12		21.42			
10	16QAM	25	25		21.40			
10	16QAM	50	0		21.36			
10	64QAM	1	0		21.19		22.5	0.5
10	64QAM	1	25		21.04			
10	64QAM	1	49		21.02			
10	64QAM	25	0		20.21		21.5	1.5
10	64QAM	25	12		20.12			
10	64QAM	25	25		20.14			
10	64QAM	50	0		19.82			
10	256QAM	1	0		18.18		19.5	3.5
10	256QAM	1	25		18.12			
10	256QAM	1	49		17.99			
10	256QAM	25	0		18.14		19.5	3.5
10	256QAM	25	12		17.97			
10	256QAM	25	25		18.01			
10	256QAM	50	0		18.12			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	21.53	21.62	21.58	23	0
5	QPSK	1	12	21.42	21.44	21.34		
5	QPSK	1	24	21.42	21.38	21.46		
5	QPSK	12	0	21.54	21.57	21.49	23	0
5	QPSK	12	7	21.46	21.45	21.36		
5	QPSK	12	13	21.32	21.32	21.35		
5	QPSK	25	0	21.45	21.46	21.45		
5	16QAM	1	0	21.47	21.37	21.38	23	0
5	16QAM	1	12	21.32	21.31	21.30		
5	16QAM	1	24	21.36	21.37	21.42		
5	16QAM	12	0	21.33	21.33	21.42	22.5	0.5
5	16QAM	12	7	21.35	21.36	21.38		
5	16QAM	12	13	21.28	21.27	21.28		
5	16QAM	25	0	21.26	21.32	21.32		
5	64QAM	1	0	21.08	21.14	21.14	22.5	0.5
5	64QAM	1	12	20.96	20.94	20.97		
5	64QAM	1	24	20.94	20.91	20.95		
5	64QAM	12	0	20.14	20.13	20.18	21.5	1.5
5	64QAM	12	7	20.06	20.06	20.05		
5	64QAM	12	13	20.04	20.01	20.07		
5	64QAM	25	0	19.77	19.71	19.77		
5	256QAM	1	0	18.11	18.15	18.08	19.5	3.5
5	256QAM	1	12	18.07	18.07	18.01		
5	256QAM	1	24	17.94	17.94	17.85		
5	256QAM	12	0	18.08	18.10	18.10	19.5	3.5
5	256QAM	12	7	17.83	17.93	17.85		
5	256QAM	12	13	17.97	17.92	17.96		
5	256QAM	25	0	18.04	18.07	17.97		

Band 14 Default Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23330			
Frequency (MHz)					793			
10	QPSK	1	0		21.72		23	0
10	QPSK	1	25		21.53			
10	QPSK	1	49		21.54			
10	QPSK	25	0		21.68		23	0
10	QPSK	25	12		21.52			
10	QPSK	25	25		21.49			
10	QPSK	50	0		21.60			
10	16QAM	1	0		21.57		23	0
10	16QAM	1	25		21.39			
10	16QAM	1	49		21.37			
10	16QAM	25	0		21.52		22.5	0.5
10	16QAM	25	12		21.43			
10	16QAM	25	25		21.37			
10	16QAM	50	0		21.46			
10	64QAM	1	0		21.13		22.5	0.5
10	64QAM	1	25		21.05			
10	64QAM	1	49		20.93			
10	64QAM	25	0		20.16		21.5	1.5
10	64QAM	25	12		19.96			
10	64QAM	25	25		19.99			
10	64QAM	50	0		20.08			
10	256QAM	1	0		18.43		19.5	3.5
10	256QAM	1	25		18.43			
10	256QAM	1	49		18.29			
10	256QAM	25	0		18.42		19.5	3.5
10	256QAM	25	12		18.23			
10	256QAM	25	25		18.24			
10	256QAM	50	0		18.45			
Channel				23305	23330	23355	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	0	21.56	21.60	21.43	23	0
5	QPSK	1	12	21.52	21.57	21.25		
5	QPSK	1	24	21.48	21.48	21.25		
5	QPSK	12	0	21.45	21.59	21.37	23	0
5	QPSK	12	7	21.32	21.42	21.35		
5	QPSK	12	13	21.35	21.40	21.35		
5	QPSK	25	0	21.38	21.57	21.38		
5	16QAM	1	0	21.29	21.46	21.40	23	0
5	16QAM	1	12	21.32	21.35	21.31		
5	16QAM	1	24	21.26	21.23	21.25		
5	16QAM	12	0	21.36	21.46	21.29	22.5	0.5
5	16QAM	12	7	21.24	21.34	21.27		
5	16QAM	12	13	21.16	21.23	21.14		
5	16QAM	25	0	21.19	21.38	21.30		
5	64QAM	1	0	20.92	21.01	20.91	22.5	0.5
5	64QAM	1	12	20.80	20.81	20.91		
5	64QAM	1	24	20.75	20.92	20.85		
5	64QAM	12	0	19.90	20.10	19.88	21.5	1.5
5	64QAM	12	7	19.81	19.89	19.82		
5	64QAM	12	13	19.87	19.97	19.88		
5	64QAM	25	0	19.98	20.01	19.98		
5	256QAM	1	0	18.12	18.39	18.17	19.5	3.5
5	256QAM	1	12	18.14	18.40	18.06		
5	256QAM	1	24	18.11	18.13	18.16		
5	256QAM	12	0	18.11	18.33	18.11	19.5	3.5
5	256QAM	12	7	18.11	18.15	18.03		
5	256QAM	12	13	18.05	18.20	18.09		
5	256QAM	25	0	18.24	18.35	18.15		

Band 17 Default Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	21.61	21.66	21.56	23	0
10	QPSK	1	25	21.42	21.49	21.38		
10	QPSK	1	49	21.46	21.48	21.42		
10	QPSK	25	0	21.32	21.58	21.41	23	0
10	QPSK	25	12	21.33	21.35	21.27		
10	QPSK	25	25	21.32	21.31	21.29		
10	QPSK	50	0	21.48	21.52	21.47		
10	16QAM	1	0	21.31	21.51	21.40	23	0
10	16QAM	1	25	21.25	21.35	21.34		
10	16QAM	1	49	21.24	21.37	21.33		
10	16QAM	25	0	21.24	21.41	21.32	22.5	0.5
10	16QAM	25	12	21.17	21.23	21.10		
10	16QAM	25	25	21.20	21.27	21.18		
10	16QAM	50	0	21.22	21.36	21.30		
10	64QAM	1	0	21.12	21.34	21.27	22.5	0.5
10	64QAM	1	25	21.08	21.22	21.10		
10	64QAM	1	49	21.03	21.20	21.09		
10	64QAM	25	0	20.28	20.39	20.23	21.5	1.5
10	64QAM	25	12	20.15	20.25	20.16		
10	64QAM	25	25	20.19	20.23	20.14		
10	64QAM	50	0	20.28	20.27	20.21		
10	256QAM	1	0	18.28	18.41	18.31	19.5	3.5
10	256QAM	1	25	18.19	18.41	18.27		
10	256QAM	1	49	18.13	18.19	18.21		
10	256QAM	25	0	18.08	18.26	18.10	19.5	3.5
10	256QAM	25	12	18.10	18.08	18.09		
10	256QAM	25	25	18.05	18.08	17.97		
10	256QAM	50	0	18.21	18.34	18.26		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	21.47	21.58	21.41	23	0
5	QPSK	1	12	21.38	21.37	21.31		
5	QPSK	1	24	21.42	21.43	21.33		
5	QPSK	12	0	21.23	21.47	21.27	23	0
5	QPSK	12	7	21.24	21.23	21.14		
5	QPSK	12	13	21.22	21.23	21.26		
5	QPSK	25	0	21.41	21.46	21.39		
5	16QAM	1	0	21.18	21.39	21.27	23	0
5	16QAM	1	12	21.13	21.28	21.26		
5	16QAM	1	24	21.21	21.22	21.22		
5	16QAM	12	0	21.21	21.30	21.23	22.5	0.5
5	16QAM	12	7	21.10	21.13	21.03		
5	16QAM	12	13	21.11	21.23	21.13		
5	16QAM	25	0	21.16	21.25	21.21		
5	64QAM	1	0	21.05	21.29	21.21	22.5	0.5
5	64QAM	1	12	21.02	21.18	20.95		
5	64QAM	1	24	20.96	21.16	21.03		
5	64QAM	12	0	20.19	20.35	20.19	21.5	1.5
5	64QAM	12	7	20.05	20.19	20.04		
5	64QAM	12	13	20.06	20.12	20.05		
5	64QAM	25	0	20.19	20.22	20.11		
5	256QAM	1	0	18.22	18.31	18.24	19.5	3.5
5	256QAM	1	12	18.06	18.34	18.14		
5	256QAM	1	24	18.00	18.10	18.07		
5	256QAM	12	0	18.02	18.12	18.07	19.5	3.5
5	256QAM	12	7	18.03	18.02	18.00		
5	256QAM	12	13	17.99	18.01	17.82		
5	256QAM	25	0	18.11	18.24	18.12		

Band 25 Default Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	21.00	21.11	21.06		
20	QPSK	1	49	20.84	20.97	20.93	22	0
20	QPSK	1	99	20.83	20.92	20.87		
20	QPSK	50	0	20.92	21.06	20.96		
20	QPSK	50	24	20.84	20.89	20.85	22	0
20	QPSK	50	50	20.76	20.87	20.80		
20	QPSK	100	0	20.89	21.02	20.94		
20	16QAM	1	0	20.87	21.06	20.93		
20	16QAM	1	49	20.83	20.89	20.89	22	0
20	16QAM	1	99	20.78	20.85	20.80		
20	16QAM	50	0	20.84	21.00	20.84		
20	16QAM	50	24	20.77	20.90	20.81	22	0
20	16QAM	50	50	20.74	20.79	20.75		
20	16QAM	100	0	20.82	20.94	20.76		
20	64QAM	1	0	20.88	21.09	20.97		
20	64QAM	1	49	20.92	20.97	20.89	22	0
20	64QAM	1	99	20.88	20.89	20.80		
20	64QAM	50	0	20.89	21.01	20.89		
20	64QAM	50	24	20.81	20.89	20.84	22	0
20	64QAM	50	50	20.70	20.78	20.74		
20	64QAM	100	0	20.86	20.95	20.92		
20	256QAM	1	0	17.90	18.07	17.89		
20	256QAM	1	49	17.92	18.07	17.88	19	3
20	256QAM	1	99	17.77	17.84	17.77		
20	256QAM	50	0	17.86	17.99	17.88		
20	256QAM	50	24	17.80	17.85	17.84	19	3
20	256QAM	50	50	17.71	17.82	17.78		
20	256QAM	100	0	17.92	18.08	17.89		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	20.89	21.07	20.96		
15	QPSK	1	37	20.75	20.91	20.79	22	0
15	QPSK	1	74	20.75	20.84	20.75		
15	QPSK	36	0	20.83	20.94	20.91		
15	QPSK	36	20	20.80	20.77	20.77	22	0
15	QPSK	36	39	20.62	20.75	20.74		
15	QPSK	75	0	20.82	20.98	20.88		
15	16QAM	1	0	20.80	20.98	20.88		
15	16QAM	1	37	20.77	20.83	20.79	22	0
15	16QAM	1	74	20.66	20.77	20.66		
15	16QAM	36	0	20.71	20.96	20.71		
15	16QAM	36	20	20.71	20.86	20.74	22	0
15	16QAM	36	39	20.69	20.74	20.64		
15	16QAM	75	0	20.78	20.81	20.61		
15	64QAM	1	0	20.83	21.06	20.86		
15	64QAM	1	37	20.89	20.85	20.77	22	0
15	64QAM	1	74	20.74	20.85	20.70		
15	64QAM	36	0	20.76	20.96	20.75		
15	64QAM	36	20	20.76	20.80	20.70	22	0
15	64QAM	36	39	20.62	20.63	20.60		
15	64QAM	75	0	20.77	20.81	20.88		
15	256QAM	1	0	17.80	18.02	17.78		
15	256QAM	1	37	17.88	18.03	17.78	19	3
15	256QAM	1	74	17.63	17.71	17.73		
15	256QAM	36	0	17.80	17.91	17.85		
15	256QAM	36	20	17.69	17.78	17.77	19	3
15	256QAM	36	39	17.66	17.78	17.67		
15	256QAM	75	0	17.79	17.97	17.80		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	20.86	21.02	21.02		
10	QPSK	1	25	20.78	20.93	20.89	22	0
10	QPSK	1	49	20.78	20.80	20.73		
10	QPSK	25	0	20.81	21.02	20.85		
10	QPSK	25	12	20.77	20.77	20.76	22	0
10	QPSK	25	25	20.63	20.78	20.73		
10	QPSK	50	0	20.79	20.89	20.80		
10	16QAM	1	0	20.80	20.97	20.82		
10	16QAM	1	25	20.74	20.76	20.79	22	0
10	16QAM	1	49	20.75	20.71	20.75		
10	16QAM	25	0	20.77	20.91	20.75		
10	16QAM	25	12	20.68	20.85	20.74	22	0
10	16QAM	25	25	20.67	20.64	20.62		
10	16QAM	50	0	20.76	20.81	20.65		
10	64QAM	1	0	20.80	21.00	20.93		
10	64QAM	1	25	20.77	20.85	20.77	22	0
10	64QAM	1	49	20.84	20.80	20.68		
10	64QAM	25	0	20.79	20.88	20.74		
10	64QAM	25	12	20.68	20.86	20.77	22	0
10	64QAM	25	25	20.65	20.66	20.62		
10	64QAM	50	0	20.71	20.91	20.81		
10	256QAM	1	0	17.87	18.03	17.77		
10	256QAM	1	25	17.88	17.99	17.74	19	3
10	256QAM	1	49	17.71	17.75	17.62		
10	256QAM	25	0	17.80	17.85	17.82		
10	256QAM	25	12	17.74	17.71	17.77	19	3
10	256QAM	25	25	17.64	17.74	17.74		
10	256QAM	50	0	17.82	17.96	17.79		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	20.94	21.00	21.01		
5	QPSK	1	12	20.80	20.84	20.89	22	0
5	QPSK	1	24	20.69	20.81	20.80		
5	QPSK	12	0	20.78	20.96	20.82		
5	QPSK	12	7	20.73	20.83	20.74	22	0
5	QPSK	12	13	20.64	20.80	20.74		
5	QPSK	25	0	20.81	20.92	20.90		
5	16QAM	1	0	20.73	20.92	20.82		
5	16QAM	1	12	20.73	20.81	20.75	22	0
5	16QAM	1	24	20.68	20.71	20.76		
5	16QAM	12	0	20.77	20.90	20.69		
5	16QAM	12	7	20.72	20.78	20.72	22	0
5	16QAM	12	13	20.64	20.74	20.67		
5	16QAM	25	0	20.69	20.84	20.63		
5	64QAM	1	0	20.85	21.04	20.91		
5	64QAM	1	12	20.85	20.88	20.81	22	0
5	64QAM	1	24	20.77	20.79	20.69		
5	64QAM	12	0	20.75	20.92	20.84		
5	64QAM	12	7	20.77	20.74	20.70	22	0
5	64QAM	12	13	20.59	20.68	20.63		
5	64QAM	25	0	20.74	20.84	20.86		
5	256QAM	1	0	17.77	18.03	17.77		
5	256QAM	1	12	17.81	18.02	17.74	19	3
5	256QAM	1	24	17.73	17.70	17.69		
5	256QAM	12	0	17.76	17.87	17.75		
5	256QAM	12	7	17.70	17.71	17.74	19	3
5	256QAM	12	13	17.62	17.70	17.74		
5	256QAM	25	0	17.83	18.04	17.83		
Channel				26015	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	20.96	20.99	20.98		
3	QPSK	1	8	20.75	20.93	20.87	22	0
3	QPSK	1	14	20.71	20.87	20.79		
3	QPSK	8	0	20.81	21.02	20.91		
3	QPSK	8	4	20.73	20.83	20.70	22	0
3	QPSK	8	7	20.69	20.79	20.71		
3	QPSK	15	0	20.81	20.94	20.83		
3	16QAM	1	0	20.81	20.99	20.86		
3	16QAM	1	8	20.78	20.84	20.85	22	0
3	16QAM	1	14	20.65	20.79	20.72		
3	16QAM	8	0	20.76	20.86	20.79		
3	16QAM	8	4	20.67	20.84	20.72	22	0
3	16QAM	8	7	20.60	20.69	20.61		
3	16QAM	15	0	20.74	20.88	20.63		
3	64QAM	1	0	20.84	21.00	20.87		
3	64QAM	1	8	20.86	20.93	20.76	22	0
3	64QAM	1	14	20.81	20.75	20.69		
3	64QAM	8	0	20.75	20.88	20.79		
3	64QAM	8	4	20.71	20.78	20.73	22	0
3	64QAM	8	7	20.64	20.63	20.67		
3	64QAM	15	0	20.81	20.88	20.77		
3	256QAM	1	0	17.85	17.96	17.85		
3	256QAM	1	8	17.81	17.96	17.83	19	3
3	256QAM	1	14	17.71	17.69	17.63		
3	256QAM	8	0	17.78	17.93	17.83		
3	256QAM	8	4	17.74	17.73	17.76	19	3
3	256QAM	8	7	17.65	17.73	17.65		
3	256QAM	15	0	17.82	17.93	17.83		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	20.91	21.00	21.02		
1.4	QPSK	1	3	20.80	20.85	20.80		
1.4	QPSK	1	5	20.69	20.88	20.73		
1.4	QPSK	3	0	20.86	20.93	20.88		
1.4	QPSK	3	1	20.70	20.76	20.71		
1.4	QPSK	3	3	20.69	20.78	20.72		
1.4	QPSK	6	0	20.78	20.92	20.90	22	0
1.4	16QAM	1	0	20.78	21.01	20.87		
1.4	16QAM	1	3	20.71	20.81	20.84		
1.4	16QAM	1	5	20.75	20.71	20.69	22	0
1.4	16QAM	3	0	20.80	20.92	20.72		
1.4	16QAM	3	1	20.65	20.84	20.71		
1.4	16QAM	3	3	20.60	20.65	20.70		
1.4	16QAM	6	0	20.73	20.87	20.65	22	0
1.4	64QAM	1	0	20.74	20.94	20.84		
1.4	64QAM	1	3	20.82	20.91	20.75		
1.4	64QAM	1	5	20.73	20.82	20.74	22	0
1.4	64QAM	3	0	20.77	20.91	20.75		
1.4	64QAM	3	1	20.70	20.81	20.72		
1.4	64QAM	3	3	20.55	20.72	20.63		
1.4	64QAM	6	0	20.78	20.84	20.84	22	0
1.4	256QAM	1	0	17.82	18.01	17.74		
1.4	256QAM	1	3	17.83	17.95	17.75		
1.4	256QAM	1	5	17.64	17.72	17.68	19	3
1.4	256QAM	3	0	17.77	17.85	17.81		
1.4	256QAM	3	1	17.70	17.70	17.74		
1.4	256QAM	3	3	17.65	17.70	17.66		
1.4	256QAM	6	0	17.84	18.03	17.82	19	3

Band 26 Default Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	21.32	21.38	21.29		
15	QPSK	1	37	21.17	21.27	21.14	22	0
15	QPSK	1	74	21.14	21.20	21.10		
15	QPSK	36	0	21.18	21.33	21.14		
15	QPSK	36	20	21.17	21.18	21.12	22	0
15	QPSK	36	39	21.02	21.18	21.06		
15	QPSK	75	0	21.17	21.29	21.11		
15	16QAM	1	0	21.11	21.23	21.11		
15	16QAM	1	37	21.02	21.11	21.04	22	0
15	16QAM	1	74	20.97	21.08	21.05		
15	16QAM	36	0	21.05	21.17	21.05		
15	16QAM	36	20	20.97	21.06	20.97	22	0
15	16QAM	36	39	20.95	20.94	20.89		
15	16QAM	75	0	21.04	21.15	20.99		
15	64QAM	1	0	21.09	21.29	21.14		
15	64QAM	1	37	21.07	21.12	21.05	22	0
15	64QAM	1	74	21.09	21.05	21.10		
15	64QAM	36	0	20.05	20.15	20.06		
15	64QAM	36	20	19.97	20.03	20.01	21	1
15	64QAM	36	39	19.94	19.94	19.90		
15	64QAM	75	0	20.09	20.15	20.06		
15	256QAM	1	0	18.31	18.43	18.26		
15	256QAM	1	37	18.28	18.43	18.20	19	3
15	256QAM	1	74	18.21	18.26	18.14		
15	256QAM	36	0	18.00	18.17	18.08		
15	256QAM	36	20	18.02	18.08	17.98	19	3
15	256QAM	36	39	17.90	18.02	17.97		
15	256QAM	75	0	18.07	18.23	18.06		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	21.20	21.26	21.26		
10	QPSK	1	25	21.13	21.15	21.01	22	0
10	QPSK	1	49	21.10	21.14	21.04		
10	QPSK	25	0	21.05	21.19	21.00		
10	QPSK	25	12	21.06	21.12	21.02	22	0
10	QPSK	25	25	20.96	21.09	20.94		
10	QPSK	50	0	21.11	21.20	20.97		
10	16QAM	1	0	21.03	21.13	20.97		
10	16QAM	1	25	20.91	21.07	20.92	22	0
10	16QAM	1	49	20.85	20.97	21.01		
10	16QAM	25	0	20.92	21.08	20.98		
10	16QAM	25	12	20.93	20.91	20.94	22	0
10	16QAM	25	25	20.82	20.80	20.80		
10	16QAM	50	0	20.91	21.08	20.87		
10	64QAM	1	0	20.97	21.15	21.04		
10	64QAM	1	25	20.93	21.01	21.02	22	0
10	64QAM	1	49	21.01	20.95	20.98		
10	64QAM	25	0	19.93	20.07	19.93		
10	64QAM	25	12	19.93	19.97	19.93	21	1
10	64QAM	25	25	19.83	19.86	19.87		
10	64QAM	50	0	19.94	20.09	19.97		
10	256QAM	1	0	18.19	18.29	18.11		
10	256QAM	1	25	18.18	18.38	18.11	19	3
10	256QAM	1	49	18.13	18.22	18.05		
10	256QAM	25	0	17.91	18.05	17.96		
10	256QAM	25	12	17.93	18.05	17.88	19	3
10	256QAM	25	25	17.87	17.96	17.93		
10	256QAM	50	0	17.96	18.15	17.97		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	21.19	21.34	21.20		
5	QPSK	1	12	21.11	21.12	21.05	22	0
5	QPSK	1	24	21.09	21.09	20.96		
5	QPSK	12	0	21.06	21.29	21.04		
5	QPSK	12	7	21.07	21.09	21.08	22	0
5	QPSK	12	13	20.96	21.05	20.98		
5	QPSK	25	0	21.12	21.18	21.06		
5	16QAM	1	0	20.99	21.17	21.04		
5	16QAM	1	12	20.97	21.05	20.96	22	0
5	16QAM	1	24	20.85	21.05	21.01		
5	16QAM	12	0	20.95	21.03	20.93		
5	16QAM	12	7	20.87	20.97	20.92	22	0
5	16QAM	12	13	20.87	20.79	20.77		
5	16QAM	25	0	20.93	21.08	20.95		
5	64QAM	1	0	21.04	21.23	21.09		
5	64QAM	1	12	20.96	21.02	20.92	22	0
5	64QAM	1	24	21.03	20.94	20.99		
5	64QAM	12	0	19.95	20.05	19.93		
5	64QAM	12	7	19.93	19.97	19.90	21	1
5	64QAM	12	13	19.84	19.81	19.80		
5	64QAM	25	0	20.02	20.07	20.03		
5	256QAM	1	0	18.19	18.37	18.13		
5	256QAM	1	12	18.13	18.38	18.11	19	3
5	256QAM	1	24	18.10	18.21	18.07		
5	256QAM	12	0	17.92	18.07	18.01		
5	256QAM	12	7	17.99	18.03	17.91	19	3
5	256QAM	12	13	17.83	17.90	17.88		
5	256QAM	25	0	17.99	18.11	18.01		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	21.23	21.32	21.17		
3	QPSK	1	8	21.07	21.20	21.08	22	0
3	QPSK	1	14	21.09	21.15	20.96		
3	QPSK	8	0	21.14	21.22	21.00		
3	QPSK	8	4	21.05	21.14	21.04	22	0
3	QPSK	8	7	20.94	21.05	20.92		
3	QPSK	15	0	21.04	21.16	21.02		
3	16QAM	1	0	20.96	21.15	21.03		
3	16QAM	1	8	20.93	21.03	21.00	22	0
3	16QAM	1	14	20.84	21.01	20.90		
3	16QAM	8	0	20.94	21.04	20.98		
3	16QAM	8	4	20.90	20.92	20.85	22	0
3	16QAM	8	7	20.90	20.89	20.79		
3	16QAM	15	0	20.92	21.11	20.95		
3	64QAM	1	0	21.00	21.15	21.10		
3	64QAM	1	8	20.93	21.01	20.98	22	0
3	64QAM	1	14	21.02	20.97	21.07		
3	64QAM	8	0	20.02	20.01	19.92		
3	64QAM	8	4	19.88	19.97	19.94	21	1
3	64QAM	8	7	19.87	19.87	19.84		
3	64QAM	15	0	19.97	20.10	19.94		
3	256QAM	1	0	18.27	18.36	18.22		
3	256QAM	1	8	18.22	18.37	18.06	19	3
3	256QAM	1	14	18.17	18.19	18.02		
3	256QAM	8	0	17.86	18.05	18.03		
3	256QAM	8	4	17.98	17.95	17.90	19	3
3	256QAM	8	7	17.76	17.96	17.88		
3	256QAM	15	0	17.98	18.14	17.92		
Channel				26707	26865	27023	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	21.20	21.28	21.17		
1.4	QPSK	1	3	21.11	21.21	21.01		
1.4	QPSK	1	5	21.04	21.14	21.02	22	0
1.4	QPSK	3	0	21.05	21.26	21.04		
1.4	QPSK	3	1	21.09	21.08	21.04		
1.4	QPSK	3	3	20.99	21.14	21.03		
1.4	QPSK	6	0	21.09	21.16	21.06	22	0
1.4	16QAM	1	0	21.06	21.18	20.97		
1.4	16QAM	1	3	20.91	21.04	20.94		
1.4	16QAM	1	5	20.93	21.03	20.91	22	0
1.4	16QAM	3	0	20.96	21.11	20.95		
1.4	16QAM	3	1	20.89	20.95	20.85		
1.4	16QAM	3	3	20.88	20.87	20.74		
1.4	16QAM	6	0	20.94	21.00	20.89	22	0
1.4	64QAM	1	0	21.04	21.24	21.04		
1.4	64QAM	1	3	20.97	21.04	21.01		
1.4	64QAM	1	5	20.99	20.97	20.99	22	0
1.4	64QAM	3	0	20.97	21.25	21.03		
1.4	64QAM	3	1	20.93	20.97	20.96		
1.4	64QAM	3	3	21.01	21.01	21.00		
1.4	64QAM	6	0	19.95	20.02	19.96	21	1
1.4	256QAM	1	0	18.20	18.36	18.15		
1.4	256QAM	1	3	18.14	18.33	18.16		
1.4	256QAM	1	5	18.14	18.23	18.02	19	3
1.4	256QAM	3	0	17.87	18.07	18.03		
1.4	256QAM	3	1	17.92	18.02	17.85		
1.4	256QAM	3	3	17.81	17.88	17.93		
1.4	256QAM	6	0	18.01	18.17	18.02	19	3

Band 30 Default Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		21.94			
10	QPSK	1	25		21.76		23	0
10	QPSK	1	49		21.80			
10	QPSK	25	0		21.91			
10	QPSK	25	12		21.79		23	0
10	QPSK	25	25		21.77			
10	QPSK	50	0		21.89			
10	16QAM	1	0		21.82			
10	16QAM	1	25		21.66		23	0
10	16QAM	1	49		21.58			
10	16QAM	25	0		20.92			
10	16QAM	25	12		20.82		22	1
10	16QAM	25	25		20.70			
10	16QAM	50	0		21.04			
10	64QAM	1	0		21.16			
10	64QAM	1	25		20.97		22	1
10	64QAM	1	49		20.95			
10	64QAM	25	0		20.24			
10	64QAM	25	12		20.15		21	2
10	64QAM	25	25		20.01			
10	64QAM	50	0		19.63			
10	256QAM	1	0		18.80			
10	256QAM	1	25		18.80		19	4
10	256QAM	1	49		18.59			
10	256QAM	25	0		18.70			
10	256QAM	25	12		18.50		19	4
10	256QAM	25	25		18.45			
10	256QAM	50	0		18.69			
Channel				27585	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	21.82	21.90	21.75		
5	QPSK	1	12	21.73	21.89	21.60	23	0
5	QPSK	1	24	21.69	21.62	21.52		
5	QPSK	12	0	21.67	21.82	21.69		
5	QPSK	12	7	21.67	21.62	21.70	23	0
5	QPSK	12	13	21.54	21.63	21.63		
5	QPSK	25	0	21.63	21.75	21.66		
5	16QAM	1	0	21.58	21.72	21.51		
5	16QAM	1	12	21.60	21.60	21.50	23	0
5	16QAM	1	24	21.47	21.57	21.46		
5	16QAM	12	0	20.70	20.78	20.76		
5	16QAM	12	7	20.59	20.64	20.57	22	1
5	16QAM	12	13	20.58	20.62	20.54		
5	16QAM	25	0	20.89	20.91	20.78		
5	64QAM	1	0	20.95	21.04	20.87		
5	64QAM	1	12	20.91	20.89	20.90	22	1
5	64QAM	1	24	20.86	20.88	20.84		
5	64QAM	12	0	20.03	20.15	19.94		
5	64QAM	12	7	20.00	20.02	19.96	21	2
5	64QAM	12	13	19.83	20.02	19.87		
5	64QAM	25	0	19.57	19.56	19.57		
5	256QAM	1	0	18.49	18.66	18

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	21.03	21.12	20.97	22	0
20	QPSK	1	49	20.91	21.03	20.86		
20	QPSK	1	99	20.86	20.90	20.79		
20	QPSK	50	0	20.87	21.07	20.96	22	0
20	QPSK	50	24	20.80	20.88	20.84		
20	QPSK	50	50	20.80	20.87	20.88		
20	QPSK	100	0	20.84	20.95	20.82		
20	16QAM	1	0	20.90	20.92	20.87	22	0
20	16QAM	1	49	20.74	20.86	20.80		
20	16QAM	1	99	20.78	20.82	20.73		
20	16QAM	50	0	20.71	20.87	20.79	22	0
20	16QAM	50	24	20.64	20.68	20.65		
20	16QAM	50	50	20.63	20.69	20.59		
20	16QAM	100	0	20.83	20.94	20.82		
20	64QAM	1	0	20.81	20.92	20.74	22	0
20	64QAM	1	49	20.75	20.80	20.77		
20	64QAM	1	99	20.65	20.69	20.68		
20	64QAM	50	0	20.61	20.79	20.69	22	0
20	64QAM	50	24	20.59	20.70	20.54		
20	64QAM	50	50	20.56	20.60	20.49		
20	64QAM	100	0	20.74	20.83	20.82		
20	256QAM	1	0	17.89	18.10	18.00	19	3
20	256QAM	1	49	17.93	18.10	17.95		
20	256QAM	1	99	17.79	17.90	17.85		
20	256QAM	50	0	17.60	17.75	17.63	19	3
20	256QAM	50	24	17.60	17.58	17.52		
20	256QAM	50	50	17.47	17.58	17.47		
20	256QAM	100	0	17.78	17.92	17.80		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	20.92	21.07	20.92	22	0
15	QPSK	1	37	20.78	20.96	20.79		
15	QPSK	1	74	20.77	20.75	20.71		
15	QPSK	36	0	20.78	21.01	20.83	22	0
15	QPSK	36	20	20.75	20.78	20.76		
15	QPSK	36	39	20.67	20.83	20.79		
15	QPSK	75	0	20.74	20.92	20.77		
15	16QAM	1	0	20.81	20.83	20.75	22	0
15	16QAM	1	37	20.63	20.83	20.77		
15	16QAM	1	74	20.66	20.68	20.65		
15	16QAM	36	0	20.59	20.74	20.64	22	0
15	16QAM	36	20	20.54	20.54	20.51		
15	16QAM	36	39	20.59	20.64	20.51		
15	16QAM	75	0	20.75	20.88	20.70		
15	64QAM	1	0	20.71	20.80	20.69	22	0
15	64QAM	1	37	20.61	20.68	20.66		
15	64QAM	1	74	20.54	20.58	20.55		
15	64QAM	36	0	20.56	20.70	20.62	22	0
15	64QAM	36	20	20.53	20.62	20.40		
15	64QAM	36	39	20.48	20.52	20.38		
15	64QAM	75	0	20.67	20.69	20.68		
15	256QAM	1	0	17.76	17.98	17.91	19	3
15	256QAM	1	37	17.78	18.02	17.83		
15	256QAM	1	74	17.65	17.85	17.81		
15	256QAM	36	0	17.46	17.70	17.50	19	3
15	256QAM	36	20	17.47	17.53	17.41		
15	256QAM	36	39	17.37	17.50	17.33		
15	256QAM	75	0	17.64	17.81	17.74		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	20.94	21.01	20.86	22	0
10	QPSK	1	25	20.83	20.89	20.71		
10	QPSK	1	49	20.82	20.78	20.72		
10	QPSK	25	0	20.76	20.97	20.88	22	0
10	QPSK	25	12	20.68	20.78	20.79		
10	QPSK	25	25	20.76	20.81	20.74		
10	QPSK	50	0	20.74	20.81	20.68		
10	16QAM	1	0	20.81	20.83	20.74	22	0
10	16QAM	1	25	20.66	20.75	20.74		
10	16QAM	1	49	20.73	20.76	20.64		
10	16QAM	25	0	20.58	20.81	20.65	22	0
10	16QAM	25	12	20.54	20.58	20.60		
10	16QAM	25	25	20.56	20.65	20.49		
10	16QAM	50	0	20.80	20.82	20.68		
10	64QAM	1	0	20.72	20.86	20.71	22	0
10	64QAM	1	25	20.61	20.74	20.64		
10	64QAM	1	49	20.51	20.55	20.58		
10	64QAM	25	0	20.47	20.71	20.57	22	0
10	64QAM	25	12	20.48	20.64	20.43		
10	64QAM	25	25	20.47	20.46	20.45		
10	64QAM	50	0	20.67	20.79	20.75	19	3
10	256QAM	1	0	18.01	17.97	17.92		
10	256QAM	1	25	17.86	17.95	17.87		
10	256QAM	1	49	17.65	17.76	17.79	19	3
10	256QAM	25	0	17.53	17.63	17.59		
10	256QAM	25	12	17.57	17.52	17.45		
10	256QAM	25	25	17.36	17.46	17.43		
10	256QAM	50	0	17.65	17.85	17.76		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	20.91	20.98	20.86	22	0
5	QPSK	1	12	20.85	20.92	20.79		
5	QPSK	1	24	20.80	20.82	20.68		
5	QPSK	12	0	20.75	20.94	20.92	22	0
5	QPSK	12	7	20.76	20.79	20.71		
5	QPSK	12	13	20.67	20.80	20.79		
5	QPSK	25	0	20.73	20.91	20.67		
5	16QAM	1	0	20.81	20.80	20.76	22	0
5	16QAM	1	12	20.64	20.73	20.75		
5	16QAM	1	24	20.76	20.73	20.60		
5	16QAM	12	0	20.67	20.72	20.64	22	0
5	16QAM	12	7	20.58	20.57	20.60		
5	16QAM	12	13	20.50	20.55	20.54		
5	16QAM	25	0	20.76	20.88	20.69		
5	64QAM	1	0	20.70	20.83	20.66	22	0
5	64QAM	1	12	20.65	20.77	20.64		
5	64QAM	1	24	20.62	20.54	20.61		
5	64QAM	12	0	20.53	20.67	20.60	22	0
5	64QAM	12	7	20.46	20.58	20.49		
5	64QAM	12	13	20.50	20.53	20.39		
5	64QAM	25	0	20.70	20.77	20.70		
5	256QAM	1	0	17.82	18.02	17.93	19	3
5	256QAM	1	12	17.80	17.98	17.82		
5	256QAM	1	24	17.70	17.76	17.71		
5	256QAM	12	0	17.55	17.63	17.49	19	3
5	256QAM	12	7	17.54	17.50	17.47		
5	256QAM	12	13	17.39	17.51	17.44		
5	256QAM	25	0	17.64	17.78	17.75		
Channel				131967	132322	132677	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	20.91	21.06	20.92	22	0
3	QPSK	1	8	20.85	20.96	20.74		
3	QPSK	1	14	20.75	20.86	20.66		
3	QPSK	8	0	20.73	20.93	20.86	22	0
3	QPSK	8	4	20.74	20.80	20.80		
3	QPSK	8	7	20.69	20.82	20.85		
3	QPSK	15	0	20.79	20.84	20.78		
3	16QAM	1	0	20.87	20.82	20.80	22	0
3	16QAM	1	8	20.63	20.77	20.73		
3	16QAM	1	14	20.70	20.68	20.67		
3	16QAM	8	0	20.60	20.83	20.74	22	0
3	16QAM	8	4	20.55	20.53	20.58		
3	16QAM	8	7	20.55	20.61	20.55		
3	16QAM	15	0	20.77	20.84	20.71		
3	64QAM	1	0	20.69	20.82	20.64	22	0
3	64QAM	1	8	20.64	20.72	20.64		
3	64QAM	1	14	20.51	20.57	20.59		
3	64QAM	8	0	20.48	20.68	20.59	22	0
3	64QAM	8	4	20.45	20.61	20.46		
3	64QAM	8	7	20.49	20.53	20.43		
3	64QAM	15	0	20.71	20.71	20.70		
3	256QAM	1	0	17.84	18.06	17.89	19	3
3	256QAM	1	8	17.83	18.04	17.81		
3	256QAM	1	14	17.74	17.86	17.78		
3	256QAM	8	0	17.56	17.67	17.51	19	3
3	256QAM	8	4	17.45	17.47	17.48		
3	256QAM	8	7	17.36	17.55	17.37		
3	256QAM	15	0	17.69	17.82	17.77		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	20.93	21.03	20.94	22	0
1.4	QPSK	1	3	20.80	20.97	20.80		
1.4	QPSK	1	5	20.81	20.76	20.67		
1.4	QPSK	3	0	20.75	20.95	20.84		
1.4	QPSK	3	1	20.69	20.79	20.72		
1.4	QPSK	3	3	20.69	20.84	20.81		
1.4	QPSK	6	0	20.80	20.84	20.68	22	0
1.4	16QAM	1	0	20.83	20.86	20.74	22	0
1.4	16QAM	1	3	20.63	20.72	20.67		
1.4	16QAM	1	5	20.70	20.79	20.59		
1.4	16QAM	3	0	20.62	20.81	20.65		
1.4	16QAM	3	1	20.55	20.56	20.52		
1.4	16QAM	3	3	20.54	20.64	20.47		
1.4	16QAM	6	0	20.71	20.88	20.70	21.5	0.5
1.4	64QAM	1	0	20.74	20.77	20.60	21.5	0.5
1.4	64QAM	1	3	20.61	20.68	20.73		
1.4	64QAM	1	5	20.51	20.61	20.59		
1.4	64QAM	3	0	20.57	20.66	20.59		
1.4	64QAM	3	1	20.45	20.62	20.46		
1.4	64QAM	3	3	20.46	20.48	20.36		
1.4	64QAM	6	0	20.60	20.76	20.73	20.5	1.5
1.4	256QAM	1	0	17.81	18.02	17.97	18.5	3.5
1.4	256QAM	1	3	17.80	18.02	17.81		
1.4	256QAM	1	5	17.66	17.75	17.80		
1.4	256QAM	3	0	17.56	17.66	17.53		
1.4	256QAM	3	1	17.51	17.45	17.38		
1.4	256QAM	3	3	17.34	17.48	17.38		
1.4	256QAM	6	0	17.66	17.83	17.68	18.5	3.5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				133222	133322	133372		
Frequency (MHz)				673	683	688		
20	QPSK	1	0	21.76	21.85	21.69	23	0
20	QPSK	1	49	21.62	21.74	21.59		
20	QPSK	1	99	21.53	21.65	21.55		
20	QPSK	50	0	21.65	21.79	21.60	23	0
20	QPSK	50	24	21.61	21.64	21.62		
20	QPSK	50	50	21.54	21.61	21.61		
20	QPSK	100	0	21.50	21.72	21.57		
20	16QAM	1	0	21.58	21.77	21.57	23	0
20	16QAM	1	49	21.55	21.59	21.61		
20	16QAM	1	99	21.49	21.58	21.56		
20	16QAM	50	0	21.45	21.64	21.47	22.5	0.5
20	16QAM	50	24	21.46	21.49	21.49		
20	16QAM	50	50	21.40	21.44	21.38		
20	16QAM	100	0	21.38	21.48	21.29		
20	64QAM	1	0	21.32	21.53	21.38	22.5	0.5
20	64QAM	1	49	21.35	21.44	21.39		
20	64QAM	1	99	21.30	21.33	21.35		
20	64QAM	50	0	20.29	20.50	20.33	21.5	1.5
20	64QAM	50	24	20.35	20.36	20.33		
20	64QAM	50	50	20.29	20.32	20.30		
20	64QAM	100	0	20.22	20.31	20.25		
20	256QAM	1	0	17.67	17.89	17.81	19	4
20	256QAM	1	49	17.72	17.89	17.67		
20	256QAM	1	99	17.59	17.65	17.64		
20	256QAM	50	0	18.43	18.62	18.53	19	4
20	256QAM	50	24	18.37	18.52	18.42		
20	256QAM	50	50	18.30	18.39	18.37		
20	256QAM	100	0	18.32	18.49	18.34		
Channel				133197	133297	133397	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	0	21.70	21.78	21.54	23	0
15	QPSK	1	37	21.52	21.64	21.53		
15	QPSK	1	74	21.43	21.61	21.51		
15	QPSK	36	0	21.57	21.70	21.56	23	0
15	QPSK	36	20	21.55	21.59	21.49		
15	QPSK	36	39	21.50	21.47	21.55		
15	QPSK	75	0	21.40	21.59	21.53		
15	16QAM	1	0	21.47	21.64	21.43	23	0
15	16QAM	1	37	21.42	21.45	21.50		
15	16QAM	1	74	21.35	21.55	21.45		
15	16QAM	36	0	21.37	21.51	21.36	22.5	0.5
15	16QAM	36	20	21.38	21.39	21.35		
15	16QAM	36	39	21.31	21.30	21.32		
15	16QAM	75	0	21.34	21.41	21.20		
15	64QAM	1	0	21.23	21.38	21.34	22.5	0.5
15	64QAM	1	37	21.30	21.30	21.26		
15	64QAM	1	74	21.25	21.20	21.29		
15	64QAM	36	0	20.15	20.39	20.23	21.5	1.5
15	64QAM	36	20	20.23	20.22	20.23		
15	64QAM	36	39	20.23	20.26	20.22		
15	64QAM	75	0	20.16	20.20	20.17		
15	256QAM	1	0	17.61	17.84	17.75	19	4
15	256QAM	1	37	17.58	17.83	17.64		
15	256QAM	1	74	17.46	17.56	17.52		
15	256QAM	36	0	18.31	18.50	18.38	19	4
15	256QAM	36	20	18.29	18.47	18.30		
15	256QAM	36	39	18.23	18.41	18.26		
15	256QAM	75	0	18.27	18.39	18.25		
Channel				133172	133272	133422	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	678	693		
10	QPSK	1	0	21.66	21.75	21.62	23	0
10	QPSK	1	25	21.50	21.60	21.51		
10	QPSK	1	49	21.41	21.53	21.51		
10	QPSK	25	0	21.51	21.66	21.57	23	0
10	QPSK	25	12	21.52	21.54	21.48		
10	QPSK	25	25	21.49	21.47	21.52		
10	QPSK	50	0	21.46	21.62	21.45		
10	16QAM	1	0	21.54	21.63	21.51	23	0
10	16QAM	1	25	21.46	21.46	21.55		
10	16QAM	1	49	21.40	21.53	21.47		
10	16QAM	25	0	21.34	21.55	21.37	22.5	0.5
10	16QAM	25	12	21.36	21.46	21.45		
10	16QAM	25	25	21.36	21.33	21.26		
10	16QAM	50	0	21.31	21.42	21.17		
10	64QAM	1	0	21.24	21.43	21.24	22.5	0.5
10	64QAM	1	25	21.25	21.29	21.34		
10	64QAM	1	49	21.19	21.21	21.27		
10	64QAM	25	0	20.18	20.42	20.24	21.5	1.5
10	64QAM	25	12	20.22	20.25	20.27		
10	64QAM	25	25	20.17	20.25	20.25		
10	64QAM	50	0	20.11	20.22	20.22		
10	256QAM	1	0	17.61	17.81	17.75	19	4
10	256QAM	1	25	17.69	17.79	17.59		
10	256QAM	1	49	17.50	17.57	17.51		
10	256QAM	25	0	18.32	18.55	18.46	19	4
10	256QAM	25	12	18.26	18.41	18.36		
10	256QAM	25	25	18.24	18.30	18.24		
10	256QAM	50	0	18.19	18.40	18.22		
Channel				133147	133247	133447	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	675.5	695.5		
5	QPSK	1	0	21.72	21.72	21.62	23	0
5	QPSK	1	12	21.54	21.66	21.54		
5	QPSK	1	24	21.44	21.53	21.48		
5	QPSK	12	0	21.59	21.65	21.57	23	0
5	QPSK	12	7	21.48	21.50	21.57		
5	QPSK	12	13	21.43	21.57	21.47		
5	QPSK	25	0	21.39	21.68	21.53		
5	16QAM	1	0	21.43	21.65	21.47	23	0
5	16QAM	1	12	21.47	21.44	21.51		
5	16QAM	1	24	21.49	21.50	21.52		
5	16QAM	12	0	21.36	21.52	21.40	22.5	0.5
5	16QAM	12	7	21.35	21.35	21.37		
5	16QAM	12	13	21.35	21.40	21.33		
5	16QAM	25	0	21.32	21.43	21.18		
5	64QAM	1	0	21.19	21.44	21.29	22.5	0.5
5	64QAM	1	12	21.26	21.35	21.31		
5	64QAM	1	24	21.16	21.18	21.28		
5	64QAM	12	0	20.16	20.41	20.18	21.5	1.5
5	64QAM	12	7	20.29	20.30	20.28		
5	64QAM	12	13	20.22	20.17	20.19		
5	64QAM	25	0	20.10	20.25	20.12		
5	256QAM	1	0	17.58	17.80	17.72	19	4
5	256QAM	1	12	17.65	17.79	17.53		
5	256QAM	1	24	17.45	17.60	17.52		
5	256QAM	12	0	18.34	18.50	18.42	19	4
5	256QAM	12	7	18.31	18.46	18.38		
5	256QAM	12	13	18.21	18.29	18.23		
5	256QAM	25	0	18.22	18.46	18.29		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	22.41	22.53	22.49	23	0
20	QPSK	1	49	22.32	22.35	22.39		
20	QPSK	1	99	22.25	22.29	22.29		
20	QPSK	50	0	22.29	22.48	22.39	23	0
20	QPSK	50	24	22.24	22.32	22.32		
20	QPSK	50	50	22.24	22.28	22.28		
20	QPSK	100	0	22.26	22.45	22.33		
20	16QAM	1	0	22.35	22.51	22.39	23	0
20	16QAM	1	49	22.31	22.35	22.28		
20	16QAM	1	99	22.27	22.30	22.24		
20	16QAM	50	0	21.97	22.14	21.95	23	0
20	16QAM	50	24	21.91	21.95	21.93		
20	16QAM	50	50	21.88	21.92	21.89		
20	16QAM	100	0	21.95	22.09	21.99		
20	64QAM	1	0	22.29	22.47	22.39	23	0
20	64QAM	1	49	22.28	22.36	22.28		
20	64QAM	1	99	22.16	22.24	22.22		
20	64QAM	50	0	21.93	22.11	22.00	22.5	0.5
20	64QAM	50	24	21.89	22.03	21.90		
20	64QAM	50	50	21.80	21.94	21.85		
20	64QAM	100	0	21.91	22.05	21.96		
20	256QAM	1	0	18.83	19.00	18.85	20.5	2.5
20	256QAM	1	49	18.79	19.00	18.76		
20	256QAM	1	99	18.76	18.77	18.78		
20	256QAM	50	0	18.95	19.16	18.97	20.5	2.5
20	256QAM	50	24	18.97	19.06	18.96		
20	256QAM	50	50	18.89	18.95	18.94		
20	256QAM	100	0	19.00	19.15	18.96		
Channel				37825	38000	38175	Tune-up limit	MPR
Frequency (MHz)				2577.5	2595	2612.5	(dBm)	(dB)
15	QPSK	1	0	22.26	22.49	22.41	23	0
15	QPSK	1	37	22.19	22.23	22.30		
15	QPSK	1	74	22.12	22.20	22.21		
15	QPSK	36	0	22.23	22.33	22.34	23	0
15	QPSK	36	20	22.14	22.22	22.19		
15	QPSK	36	39	22.11	22.16	22.24		
15	QPSK	75	0	22.18	22.39	22.23		
15	16QAM	1	0	22.26	22.39	22.27	23	0
15	16QAM	1	37	22.21	22.24	22.20		
15	16QAM	1	74	22.15	22.25	22.15		
15	16QAM	36	0	21.94	22.08	21.82	23	0
15	16QAM	36	20	21.82	21.84	21.86		
15	16QAM	36	39	21.78	21.84	21.86		
15	16QAM	75	0	21.81	22.06	21.94		
15	64QAM	1	0	22.15	22.37	22.36	23	0
15	64QAM	1	37	22.17	22.26	22.23		
15	64QAM	1	74	22.06	22.11	22.15		
15	64QAM	36	0	21.85	21.96	21.87	22.5	0.5
15	64QAM	36	20	21.83	21.92	21.78		
15	64QAM	36	39	21.68	21.82	21.81		
15	64QAM	75	0	21.82	21.91	21.86		
15	256QAM	1	0	18.77	18.90	18.81	20.5	2.5
15	256QAM	1	37	18.70	18.91	18.72		
15	256QAM	1	74	18.67	18.74	18.74		
15	256QAM	36	0	18.86	19.11	18.92	20.5	2.5
15	256QAM	36	20	18.93	18.94	18.86		
15	256QAM	36	39	18.85	18.88	18.84		
15	256QAM	75	0	18.89	19.10	18.89		
Channel				37600	38000	38200	Tune-up limit	MPR
Frequency (MHz)				2575	2595	2615	(dBm)	(dB)
10	QPSK	1	0	22.29	22.47	22.41	23	0
10	QPSK	1	25	22.23	22.30	22.27		
10	QPSK	1	49	22.19	22.21	22.25		
10	QPSK	25	0	22.23	22.36	22.27	23	0
10	QPSK	25	12	22.21	22.29	22.25		
10	QPSK	25	25	22.14	22.20	22.22		
10	QPSK	50	0	22.14	22.37	22.26		
10	16QAM	1	0	22.25	22.38	22.31	23	0
10	16QAM	1	25	22.27	22.23	22.18		
10	16QAM	1	49	22.15	22.16	22.12		
10	16QAM	25	0	21.85	22.03	21.80	23	0
10	16QAM	25	12	21.87	21.91	21.86		
10	16QAM	25	25	21.78	21.85	21.77		
10	16QAM	50	0	21.87	22.00	21.86		
10	64QAM	1	0	22.18	22.33	22.27	23	0
10	64QAM	1	25	22.21	22.31	22.23		
10	64QAM	1	49	22.03	22.10	22.12		
10	64QAM	25	0	21.78	22.07	21.87	22.5	0.5
10	64QAM	25	12	21.76	21.97	21.76		
10	64QAM	25	25	21.77	21.87	21.71		
10	64QAM	50	0	21.77	21.95	21.81		
10	256QAM	1	0	18.76	18.92	18.70	20.5	2.5
10	256QAM	1	25	18.64	18.91	18.72		
10	256QAM	1	49	18.62	18.73	18.68		
10	256QAM	25	0	18.83	19.11	18.88	20.5	2.5
10	256QAM	25	12	18.90	19.03	18.92		
10	256QAM	25	25	18.77	18.94	18.87		
10	256QAM	50	0	18.91	19.04	18.86		
Channel				37775	38000	38225	Tune-up limit	MPR
Frequency (MHz)				2572.5	2595	2617.5	(dBm)	(dB)
5	QPSK	1	0	22.26	22.40	22.42	23	0
5	QPSK	1	12	22.27	22.21	22.34		
5	QPSK	1	24	22.17	22.17	22.21		
5	QPSK	12	0	22.16	22.34	22.28	23	0
5	QPSK	12	7	22.12	22.26	22.22		
5	QPSK	12	13	22.21	22.21	22.17		
5	QPSK	25	0	22.21	22.31	22.23		
5	16QAM	1	0	22.31	22.41	22.34	23	0
5	16QAM	1	12	22.21	22.24	22.13		
5	16QAM	1	24	22.13	22.17	22.18		
5	16QAM	12	0	21.89	22.08	21.90	23	0
5	16QAM	12	7	21.81	21.89	21.88		
5	16QAM	12	13	21.80	21.86	21.85		
5	16QAM	25	0	21.85	22.04	21.95		
5	64QAM	1	0	22.20	22.35	22.24	23	0
5	64QAM	1	12	22.14	22.25	22.20		
5	64QAM	1	24	22.04	22.14	22.08		
5	64QAM	12	0	21.86	22.08	21.86	22.5	0.5
5	64QAM	12	7	21.78	21.88	21.82		
5	64QAM	12	13	21.76	21.79	21.73		
5	64QAM	25	0	21.78	21.96	21.92		
5	256QAM	1	0	18.73	18.88	18.71	20.5	2.5
5	256QAM	1	12	18.72	18.87	18.66		
5	256QAM	1	24	18.64	18.73	18.70		
5	256QAM	12	0	18.87	19.09	18.90	20.5	2.5
5	256QAM	12	7	18.82	19.01	18.84		
5	256QAM	12	13	18.85	18.88	18.90		
5	256QAM	25	0	18.95	19.08	18.91		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	23.67	23.70	23.75	23.54	23.60	24	0
20	QPSK	1	49	23.55	23.62	23.65	23.51	23.52		
20	QPSK	1	99	23.48	23.56	23.59	23.50	23.46		
20	QPSK	50	0	22.58	22.56	22.72	22.60	22.66	23	1
20	QPSK	50	24	22.50	22.51	22.64	22.54	22.47		
20	QPSK	50	50	22.50	22.42	22.54	22.50	22.47		
20	QPSK	100	0	22.60	22.58	22.69	22.55	22.59		
20	16QAM	1	0	22.80	22.67	22.88	22.75	22.77	23	1
20	16QAM	1	49	22.68	22.62	22.70	22.68	22.72		
20	16QAM	1	99	22.67	22.58	22.72	22.62	22.64		
20	16QAM	50	0	21.67	21.69	21.80	21.63	21.77	22	2
20	16QAM	50	24	21.64	21.59	21.63	21.62	21.59		
20	16QAM	50	50	21.45	21.55	21.65	21.50	21.45		
20	16QAM	100	0	21.69	21.68	21.90	21.74	21.77		
20	64QAM	1	0	21.79	21.78	21.71	21.76	21.80	22	2
20	64QAM	1	49	21.72	21.74	21.69	21.64	21.67		
20	64QAM	1	99	21.50	21.66	21.64	21.67	21.47		
20	64QAM	50	0	20.66	20.66	20.74	20.63	20.70	21	3
20	64QAM	50	24	20.46	20.58	20.66	20.61	20.41		
20	64QAM	50	50	20.50	20.48	20.65	20.54	20.59		
20	64QAM	100	0	20.68	20.67	20.70	20.75	20.59		
20	256QAM	1	0	18.62	18.49	18.70	18.50	18.65	19	5
20	256QAM	1	49	18.64	18.47	18.70	18.55	18.56		
20	256QAM	1	99	18.43	18.43	18.53	18.51	18.38		
20	256QAM	50	0	18.76	18.67	18.83	18.70	18.74	19	5
20	256QAM	50	24	18.61	18.59	18.64	18.62	18.62		
20	256QAM	50	50	18.51	18.53	18.61	18.63	18.59		
20	256QAM	100	0	18.77	18.75	18.88	18.71	18.73		
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	23.47	23.50	23.55	23.34	23.40	24.00	0
15	QPSK	1	37	23.35	23.42	23.45	23.31	23.32		
15	QPSK	1	74	23.28	23.36	23.39	23.30	23.26		
15	QPSK	36	0	22.38	22.36	22.52	22.40	22.46	23	1
15	QPSK	36	20	22.30	22.31	22.44	22.34	22.27		
15	QPSK	36	39	22.30	22.22	22.34	22.30	22.27		
15	QPSK	75	0	22.40	22.38	22.49	22.35	22.39		
15	16QAM	1	0	22.60	22.47	22.68	22.55	22.57	23	1
15	16QAM	1	37	22.48	22.42	22.50	22.48	22.52		
15	16QAM	1	74	22.47	22.38	22.52	22.42	22.44		
15	16QAM	36	0	21.47	21.49	21.60	21.43	21.57	22	2
15	16QAM	36	20	21.44	21.39	21.43	21.42	21.39		
15	16QAM	36	39	21.25	21.35	21.45	21.30	21.25		
15	16QAM	75	0	21.49	21.48	21.70	21.54	21.57		
15	64QAM	1	0	21.59	21.58	21.51	21.56	21.60	22	2
15	64QAM	1	37	21.52	21.54	21.49	21.44	21.47		
15	64QAM	1	74	21.30	21.46	21.44	21.47	21.27		
15	64QAM	36	0	20.46	20.46	20.54	20.43	20.50	21	3
15	64QAM	36	20	20.26	20.38	20.46	20.41	20.21		
15	64QAM	36	39	20.30	20.28	20.45	20.34	20.39		
15	64QAM	75	0	20.48	20.47	20.50	20.55	20.39		
15	256QAM	1	0	18.42	18.29	18.50	18.30	18.45	19	5
15	256QAM	1	37	18.44	18.27	18.50	18.35	18.36		
15	256QAM	1	74	18.23	18.23	18.33	18.31	18.18		
15	256QAM	36	0	18.56	18.47	18.63	18.50	18.54	19	5
15	256QAM	36	20	18.41	18.39	18.44	18.42	18.42		
15	256QAM	36	39	18.31	18.33	18.41	18.43	18.39		
15	256QAM	75	0	18.57	18.55	18.68	18.51	18.53		
Channel				39700	40160	40620	41080	41540	Tune-up limit	MPR
Frequency (MHz)				2501	2547	2593	2639	2685	(dBm)	(dB)
10	QPSK	1	0	23.58	23.66	23.66	23.46	23.55	24.00	0
10	QPSK	1	25	23.43	23.54	23.57	23.36	23.42		
10	QPSK	1	49	23.41	23.45	23.49	23.41	23.37		
10	QPSK	25	0	22.53	22.53	22.62	22.46	22.57	23	1
10	QPSK	25	12	22.46	22.46	22.58	22.46	22.44		
10	QPSK	25	25	22.39	22.27	22.40	22.44	22.40		
10	QPSK	50	0	22.46	22.44	22.65	22.46	22.52		
10	16QAM	1	0	22.69	22.53	22.78	22.61	22.64	23	1
10	16QAM	1	25	22.59	22.56	22.61	22.59	22.64		
10	16QAM	1	49	22.63	22.54	22.65	22.48	22.57		
10	16QAM	25	0	21.59	21.59	21.72	21.49	21.67	22	2
10	16QAM	25	12	21.57	21.56	21.55	21.49	21.55		
10	16QAM	25	25	21.39	21.47	21.58	21.42	21.35		
10	16QAM	50	0	21.65	21.54	21.76	21.66	21.70		
10	64QAM	1	0	21.75	21.60	21.70	21.73	21.81	22	2
10	64QAM	1	25	21.68	21.69	21.59	21.46	21.69		
10	64QAM	1	49	21.52	21.49	21.62	21.57	21.47		
10	64QAM	25	0	20.56	20.55	20.76	20.55	20.59	21	3
10	64QAM	25	12	20.42	20.56	20.52	20.46	20.30		
10	64QAM	25	25	20.39	20.42	20.63	20.45	20.46		
10	64QAM	50	0	20.69	20.52	20.67	20.57	20.47		
10	256QAM	1	0	18.58	18.35	18.66	18.36	18.60	19	5
10	256QAM	1	25	18.56	18.40	18.64	18.49	18.53		
10	256QAM	1	49	18.35	18.29	18.50	18.46	18.30		
10	256QAM	25	0	18.62	18.52	18.78	18.59	18.60	19	5
10	256QAM	25	12	18.49	18.48	18.60	18.59	18.55		
10	256QAM	25	25	18.40	18.40	18.51	18.51	18.49		
10	256QAM	50	0	18.67	18.65	18.81	18.64	18.60		
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	23.58	23.56	23.61	23.43	23.56	24.00	0
5	QPSK	1	12	23.50	23.51	23.51	23.45	23.47		
5	QPSK	1	24	23.42	23.48	23.48	23.35	23.39		
5	QPSK	12	0	22.47	22.41	22.68	22.56	22.62	23	1
5	QPSK	12	7	22.38	22.48	22.60	22.41	22.34		
5	QPSK	12	13	22.37	22.29	22.43	22.37	22.35		
5	QPSK	25	0	22.54	22.52	22.62	22.47	22.52		
5	16QAM	1	0	22.66	22.57	22.84	22.62	22.63	23	1
5	16QAM	1	12	22.55	22.57	22.63	22.55	22.65		
5	16QAM	1	24	22.57	22.52	22.62	22.56	22.58		
5	16QAM	12	0	21.61	21.58	21.65	21.51	21.65	22	2
5	16QAM	12	7	21.60	21.49	21.57	21.52	21.54		
5	16QAM	12	13	21.35	21.43	21.52	21.42	21.39		
5	16QAM	25	0	21.55	21.54	21.75	21.60	21.67		
5	64QAM	1	0	21.75	21.63	21.75	21.61	21.77	22	2
5	64QAM	1	12	21.62	21.59	21.63	21.61	21.61		
5	64QAM	1	24	21.44	21.57	21.64	21.57	21.49		
5	64QAM	12	0	20.66	20.50	20.73	20.44	20.57	21	3
5	64QAM	12	7	20.42	20.56	20.56	20.45	20.39		
5	64QAM	12	13	20.35	20.49	20.55	20.39	20.49		
5	64QAM	25	0	20.68	20.62	20.55	20.67	20.51		
5	256QAM	1	0	18.55	18.40	18.59	18.37	18.50	19	5
5	256QAM	1	12	18.50	18.36	18.59	18.43	18.45		
5	256QAM	1	24	18.36	18.37	18.48	18.47	18.29		
5	256QAM	12	0	18.64	18.53	18.68	18.57	18.66	19	5
5	256QAM	12	7	18.50	18.45	18.61	18.51	18.58		
5	256QAM	12	13	18.37	18.49	18.53	18.52	18.44		
5	256QAM	25	0	18.67	18.67	18.81	18.62	18.63		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	25.50	25.47	25.64	25.41	25.55	27	0
20	QPSK	1	49	25.33	25.40	25.58	25.35	25.53		
20	QPSK	1	99	25.29	25.33	25.51	25.31	25.41		
20	QPSK	50	0	25.33	25.30	25.49	25.29	25.37	27	0
20	QPSK	50	24	25.27	25.29	25.46	25.27	25.33		
20	QPSK	50	50	25.18	25.22	25.40	25.18	25.26		
20	QPSK	100	0	25.19	25.19	25.38	25.22	25.28		
20	16QAM	1	0	25.18	25.28	25.42	25.23	25.34	27	0
20	16QAM	1	49	25.20	25.14	25.39	25.16	25.28		
20	16QAM	1	99	25.16	25.13	25.35	25.12	25.27		
20	16QAM	50	0	24.29	24.40	24.53	24.34	24.44	26	1
20	16QAM	50	24	24.32	24.26	24.50	24.27	24.42		
20	16QAM	50	50	24.21	24.24	24.46	24.22	24.39		
20	16QAM	100	0	24.25	24.23	24.42	24.19	24.28		
20	64QAM	1	0	24.57	24.66	24.80	24.57	24.75	26	1
20	64QAM	1	49	24.55	24.52	24.74	24.54	24.66		
20	64QAM	1	99	24.52	24.55	24.70	24.50	24.65		
20	64QAM	50	0	23.37	23.35	23.56	23.39	23.46	25	2
20	64QAM	50	24	23.33	23.33	23.53	23.31	23.45		
20	64QAM	50	50	23.35	23.25	23.49	23.33	23.44		
20	64QAM	100	0	23.23	23.29	23.44	23.31	23.33		
20	256QAM	1	0	21.51	21.49	21.68	21.44	21.58	23	4
20	256QAM	1	49	21.43	21.41	21.61	21.42	21.52		
20	256QAM	1	99	21.30	21.36	21.55	21.41	21.51		
20	256QAM	50	0	21.37	21.38	21.52	21.34	21.45	23	4
20	256QAM	50	24	21.27	21.23	21.46	21.24	21.39		
20	256QAM	50	50	21.23	21.26	21.41	21.20	21.35		
20	256QAM	100	0	21.10	21.12	21.34	21.15	21.24		
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	25.47	25.39	25.51	25.36	25.50	27.00	0
15	QPSK	1	37	25.29	25.33	25.46	25.29	25.46		
15	QPSK	1	74	25.15	25.26	25.38	25.24	25.30		
15	QPSK	36	0	25.25	25.24	25.46	25.24	25.26	27	0
15	QPSK	36	20	25.13	25.15	25.43	25.21	25.21		
15	QPSK	36	39	25.04	25.11	25.30	25.08	25.12		
15	QPSK	75	0	25.04	25.06	25.28	25.17	25.24		
15	16QAM	1	0	25.05	25.14	25.32	25.16	25.28	27	0
15	16QAM	1	37	25.05	25.11	25.27	25.03	25.20		
15	16QAM	1	74	25.10	25.00	25.28	25.07	25.21		
15	16QAM	36	0	24.17	24.33	24.39	24.24	24.35	26	1
15	16QAM	36	20	24.25	24.18	24.44	24.15	24.31		
15	16QAM	36	39	24.11	24.09	24.37	24.10	24.26		
15	16QAM	75	0	24.20	24.08	24.29	24.05	24.17		
15	64QAM	1	0	24.44	24.57	24.72	24.47	24.70	26	1
15	64QAM	1	37	24.49	24.48	24.63	24.46	24.55		
15	64QAM	1	74	24.42	24.42	24.62	24.38	24.61		
15	64QAM	36	0	23.26	23.22	23.47	23.29	23.33	25	2
15	64QAM	36	20	23.23	23.28	23.40	23.19	23.34		
15	64QAM	36	39	23.22	23.16	23.36	23.21	23.39		
15	64QAM	75	0	23.19	23.25	23.32	23.18	23.23		
15	256QAM	1	0	21.44	21.44	21.54	21.33	21.45	23	4
15	256QAM	1	37	21.29	21.29	21.56	21.28	21.46		
15	256QAM	1	74	21.25	21.29	21.52	21.31	21.41		
15	256QAM	36	0	21.28	21.27	21.39	21.26	21.30	23	4
15	256QAM	36	20	21.12	21.14	21.34	21.18	21.27		
15	256QAM	36	39	21.14	21.22	21.37	21.12	21.30		
15	256QAM	75	0	21.06	21.19	21.21	21.00	21.10		
Channel				39700	40160	40620	41080	41540	Tune-up limit	MPR
Frequency (MHz)				2501	2547	2593	2639	2685	(dBm)	(dB)
10	QPSK	1	0	25.38	25.38	25.57	25.37	25.48	27.00	0
10	QPSK	1	25	25.25	25.31	25.46	25.25	25.42		
10	QPSK	1	49	25.21	25.18	25.38	25.17	25.37		
10	QPSK	25	0	25.22	25.18	25.46	25.22	25.32	27	0
10	QPSK	25	12	25.17	25.21	25.43	25.22	25.26		
10	QPSK	25	25	25.04	25.13	25.35	25.10	25.14		
10	QPSK	50	0	25.15	25.06	25.31	25.14	25.24		
10	16QAM	1	0	25.06	25.20	25.30	25.17	25.24	27	0
10	16QAM	1	25	25.06	25.05	25.33	25.12	25.25		
10	16QAM	1	49	25.09	25.07	25.30	25.17	25.24		
10	16QAM	25	0	24.21	24.28	24.44	24.25	24.39	26	1
10	16QAM	25	12	24.23	24.19	24.46	24.18	24.29		
10	16QAM	25	25	24.13	24.11	24.43	24.17	24.35		
10	16QAM	50	0	24.17	24.12	24.31	24.16	24.22		
10	64QAM	1	0	24.44	24.56	24.74	24.49	24.63	26	1
10	64QAM	1	25	24.43	24.46	24.60	24.49	24.61		
10	64QAM	1	49	24.38	24.51	24.59	24.41	24.56		
10	64QAM	25	0	23.23	23.26	23.51	23.31	23.36	25	2
10	64QAM	25	12	23.29	23.27	23.41	23.17	23.32		
10	64QAM	25	25	23.25	23.12	23.45	23.19	23.38		
10	64QAM	50	0	23.14	23.16	23.35	23.25	23.25		
10	256QAM	1	0	21.45	21.46	21.56	21.35	21.48	23	4
10	256QAM	1	25	21.29	21.34	21.51	21.37	21.46		
10	256QAM	1	49	21.26	21.25	21.47	21.33	21.42		
10	256QAM	25	0	21.33	21.29	21.44	21.25	21.41	23	4
10	256QAM	25	12	21.21	21.11	21.32	21.16	21.33		
10	256QAM	25	25	21.11	21.14	21.27	21.11	21.29		
10	256QAM	50	0	21.04	21.04	21.24	21.09	21.18		
Channel				39675	40148	40620	41093	41565	Tune-up limit	MPR
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5	(dBm)	(dB)
5	QPSK	1	0	25.37	25.39	25.54	25.38	25.47	27.00	0
5	QPSK	1	12	25.22	25.27	25.44	25.26	25.43		
5	QPSK	1	24	25.15	25.21	25.39	25.19	25.29		
5	QPSK	12	0	25.20	25.27	25.38	25.21	25.32	27	0
5	QPSK	12	7	25.17	25.25	25.32	25.23	25.22		
5	QPSK	12	13	25.09	25.17	25.28	25.07	25.23		
5	QPSK	25	0	25.10	25.04	25.35	25.12	25.17		
5	16QAM	1	0	25.09	25.19	25.32	25.18	25.23	27	0
5	16QAM	1	12	25.15	25.00	25.27	25.05	25.22		
5	16QAM	1	24	25.07	25.02	25.25	25.04	25.16		
5	16QAM	12	0	24.22	24.35	24.43	24.28	24.41	26	1
5	16QAM	12	7	24.24	24.18	24.44	24.12	24.36		
5	16QAM	12	13	24.11	24.13	24.32	24.16	24.35		
5	16QAM	25	0	24.18	24.16	24.30	24.05	24.18		
5	64QAM	1	0	24.50	24.63	24.72	24.45	24.72	26	1
5	64QAM	1	12	24.46	24.43	24.68	24.39	24.60		
5	64QAM	1	24	24.45	24.41	24.58	24.42	24.53		
5	64QAM	12	0	23.24	23.31	23.46	23.31	23.31	25	2
5	64QAM	12	7	23.20	23.22	23.44	23.24	23.42		
5	64QAM	12	13	23.31	23.11	23.45	23.25	23.37		
5	64QAM	25	0	23.11	23.21	23.33	23.19	23.29		
5	256QAM	1	0	21.38	21.34	21.57	21.39	21.48	23	4
5	256QAM	1	12	21.33	21.36	21.50	21.28	21.49		
5	256QAM	1	24	21.23	21.29	21.49	21.37	21.39		
5	256QAM	12	0	21.34	21.29	21.40	21.28	21.32	23	4
5	256QAM	12	7	21.16	21.18	21.33	21.11	21.33		
5	256QAM	12	13	21.14	21.13	21.33	21.12	21.31		
5	256QAM	25	0	21.01	21.06	21.21	21.03	21.16		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	23.72	23.88	23.79	23.66	24	0
20	QPSK	1	49	23.56	23.76	23.61	23.54		
20	QPSK	1	99	23.56	23.65	23.58	23.60		
20	QPSK	50	0	23.64	23.74	23.57	23.53		
20	QPSK	50	24	23.48	23.66	23.49	23.50		
20	QPSK	50	50	23.49	23.49	23.45	23.37		
20	QPSK	100	0	23.52	23.68	23.59	23.48		
20	16QAM	1	0	23.67	23.84	23.73	23.52	24	0
20	16QAM	1	49	23.65	23.74	23.66	23.62		
20	16QAM	1	99	23.64	23.66	23.64	23.49		
20	16QAM	50	0	23.16	23.38	23.28	23.15	23.5	0.5
20	16QAM	50	24	23.12	23.25	23.23	23.08		
20	16QAM	50	50	23.09	23.14	23.14	23.10		
20	16QAM	100	0	23.27	23.44	23.36	23.13		
20	64QAM	1	0	23.14	23.36	23.23	23.13	23.5	0.5
20	64QAM	1	49	23.14	23.17	23.14	23.07		
20	64QAM	1	99	23.16	23.21	23.11	23.06		
20	64QAM	50	0	22.19	22.39	22.29	22.08	22.5	1.5
20	64QAM	50	24	22.18	22.24	22.25	22.16		
20	64QAM	50	50	22.16	22.15	22.15	22.08		
20	64QAM	100	0	22.26	22.35	22.30	22.18		
20	256QAM	1	0	20.01	20.20	20.01	19.94	20.5	3.5
20	256QAM	1	49	19.97	20.20	19.96	19.91		
20	256QAM	1	99	19.94	20.07	19.96	19.87		
20	256QAM	50	0	20.32	20.46	20.33	20.16	20.5	3.5
20	256QAM	50	24	20.30	20.36	20.33	20.14		
20	256QAM	50	50	20.22	20.28	20.25	20.18		
20	256QAM	100	0	20.43	20.34	20.40	20.34		
Channel				55315	55820	56160	56665	Tune-up limit	MPR
Frequency (MHz)				3557.5	3608	3642	3692.5	(dBm)	(dB)
15	QPSK	1	0	23.58	23.83	23.65	23.60	24	0
15	QPSK	1	37	23.49	23.62	23.51	23.42		
15	QPSK	1	74	23.52	23.51	23.50	23.51		
15	QPSK	36	0	23.54	23.69	23.49	23.42	24	0
15	QPSK	36	20	23.33	23.62	23.35	23.37		
15	QPSK	36	39	23.38	23.44	23.40	23.34		
15	QPSK	75	0	23.44	23.64	23.52	23.38		
15	16QAM	1	0	23.52	23.76	23.59	23.40	24	0
15	16QAM	1	37	23.51	23.60	23.62	23.51		
15	16QAM	1	74	23.59	23.51	23.50	23.45		
15	16QAM	36	0	23.05	23.31	23.14	23.01	23.5	0.5
15	16QAM	36	20	23.01	23.10	23.18	22.96		
15	16QAM	36	39	22.96	23.04	23.03	23.00		
15	16QAM	75	0	23.24	23.31	23.27	23.10		
15	64QAM	1	0	23.10	23.29	23.15	23.00	23.5	0.5
15	64QAM	1	37	23.04	23.12	23.06	22.98		
15	64QAM	1	74	23.02	23.13	23.01	22.99		
15	64QAM	36	0	22.07	22.24	22.16	21.97	22.5	1.5
15	64QAM	36	20	22.12	22.11	22.14	22.02		
15	64QAM	36	39	22.12	22.10	22.05	21.97		
15	64QAM	75	0	22.15	22.26	22.24	22.04		
15	256QAM	1	0	19.95	20.10	19.88	19.86	20.5	3.5
15	256QAM	1	37	19.91	20.13	19.92	19.78		
15	256QAM	1	74	19.85	19.93	19.86	19.76		
15	256QAM	36	0	20.23	20.38	20.29	20.11	20.5	3.5
15	256QAM	36	20	20.16	20.25	20.29	20.02		
15	256QAM	36	39	20.16	20.18	20.14	20.10		
15	256QAM	75	0	20.36	20.31	20.37	20.30		
Channel				55290	55815	56165	56690	Tune-up limit	MPR
Frequency (MHz)				3555	3607.5	3642.5	3695	(dBm)	(dB)
10	QPSK	1	0	23.65	23.74	23.67	23.61	24	0
10	QPSK	1	25	23.49	23.70	23.49	23.47		
10	QPSK	1	49	23.43	23.56	23.48	23.55		
10	QPSK	25	0	23.53	23.61	23.50	23.47	24	0
10	QPSK	25	12	23.40	23.54	23.45	23.42		
10	QPSK	25	25	23.45	23.37	23.31	23.27		
10	QPSK	50	0	23.40	23.62	23.53	23.44		
10	16QAM	1	0	23.59	23.80	23.65	23.46	24	0
10	16QAM	1	25	23.51	23.64	23.62	23.47		
10	16QAM	1	49	23.54	23.56	23.60	23.42		
10	16QAM	25	0	23.08	23.32	23.14	23.07	23.5	0.5
10	16QAM	25	12	23.05	23.19	23.08	23.04		
10	16QAM	25	25	23.01	22.99	23.04	23.03		
10	16QAM	50	0	23.12	23.35	23.27	23.09		
10	64QAM	1	0	23.00	23.29	23.14	22.99	23.5	0.5
10	64QAM	1	25	23.07	23.06	23.10	23.03		
10	64QAM	1	49	23.10	23.06	22.98	22.97		
10	64QAM	25	0	22.12	22.30	22.21	22.00	22.5	1.5
10	64QAM	25	12	22.06	22.12	22.16	22.13		
10	64QAM	25	25	22.13	22.11	22.06	21.93		
10	64QAM	50	0	22.20	22.25	22.20	22.15		
10	256QAM	1	0	19.87	20.05	19.92	19.84	20.5	3.5
10	256QAM	1	25	19.86	20.07	19.91	19.87		
10	256QAM	1	49	19.87	19.93	19.89	19.84		
10	256QAM	25	0	20.20	20.37	20.22	20.04	20.5	3.5
10	256QAM	25	12	20.18	20.30	20.24	20.07		
10	256QAM	25	25	20.17	20.17	20.17	20.07		
10	256QAM	50	0	20.31	20.40	20.32	20.29		
Channel				55265	55810	56170	56715	Tune-up limit	MPR
Frequency (MHz)				3552.5	3607	3643	3697.5	(dBm)	(dB)
5	QPSK	1	0	23.67	23.77	23.68	23.54	24	0
5	QPSK	1	12	23.43	23.69	23.50	23.45		
5	QPSK	1	24	23.53	23.59	23.55	23.55		
5	QPSK	12	0	23.56	23.71	23.48	23.45	24	0
5	QPSK	12	7	23.44	23.60	23.38	23.36		
5	QPSK	12	13	23.41	23.35	23.31	23.29		
5	QPSK	25	0	23.44	23.59	23.45	23.43		
5	16QAM	1	0	23.53	23.73	23.69	23.49	24	0
5	16QAM	1	12	23.53	23.66	23.57	23.55		
5	16QAM	1	24	23.55	23.61	23.49	23.40		
5	16QAM	12	0	23.02	23.29	23.24	23.00	23.5	0.5
5	16QAM	12	7	22.99	23.15	23.16	23.01		
5	16QAM	12	13	23.04	23.05	23.10	23.01		
5	16QAM	25	0	23.13	23.30	23.30	23.00		
5	64QAM	1	0	23.02	23.32	23.19	23.06	23.5	0.5
5	64QAM	1	12	23.03	23.08	23.04	22.97		
5	64QAM	1	24	23.09	23.17	23.08	22.98		
5	64QAM	12	0	22.05	22.28	22.17	22.03	22.5	1.5
5	64QAM	12	7	22.14	22.17	22.21	22.11		
5	64QAM	12	13	22.04	22.07	22.06	22.02		
5	64QAM	25	0	22.21	22.26	22.26	22.13		
5	256QAM	1	0	19.91	20.05	19.93	19.84	20.5	3.5
5	256QAM	1	12	19.84	20.17	19.89	19.81		
5	256QAM	1	24	19.80	19.98	19.89	19.77		
5	256QAM	12	0	20.27	20.37	20.19	20.08	20.5	3.5
5	256QAM	12	7	20.21	20.23	20.28	20.07		
5	256QAM	12	13	20.13	20.19	20.21	20.04		
5	256QAM	25	0	20.32	20.47	20.36	20.30		

	GSM1900 Ant2	Default							
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		28.25	28.33	28.19	29.00	19.25	19.33	19.19	20.00
GPRS 1 Tx slot		28.23	28.28	28.13	29.00	19.23	19.28	19.13	20.00
GPRS 2 Tx slots		25.46	25.53	25.40	26.50	19.46	19.53	19.40	20.50
GPRS 3 Tx slots		23.98	24.13	24.00	25.00	19.72	19.87	19.74	20.74
GPRS 4 Tx slots		21.95	22.09	21.96	23.00	18.95	19.09	18.96	20.00
EDGE 1 Tx slot		23.59	23.64	23.61	24.50	14.59	14.64	14.61	15.50
EDGE 2 Tx slots		21.96	22.03	21.92	23.00	15.96	16.03	15.92	17.00
EDGE 3 Tx slots		20.78	20.85	20.70	21.50	16.52	16.59	16.44	17.24
EDGE 4 Tx slots		18.71	18.74	18.68	19.50	15.71	15.74	15.68	16.50

		DSI2 Standalone WCDMA II Ant2				Default WCDMA IV Ant2			
Band		WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	19.04	19.11	19.00	20.10	21.42	21.44	21.37	22.50
3GPP Rel 99	RMC 12.2Kbps	19.14	19.18	19.07	20.10	21.47	21.53	21.44	22.50
3GPP Rel 6	HSDPA Subtest-1	18.14	18.19	17.95	19.10	20.57	20.66	20.52	21.50
3GPP Rel 6	HSDPA Subtest-2	18.08	18.17	18.07	19.10	20.47	20.61	20.43	21.50
3GPP Rel 6	HSDPA Subtest-3	17.51	17.71	17.51	18.60	19.91	20.04	19.95	21.00
3GPP Rel 6	HSDPA Subtest-4	17.56	17.68	17.65	18.60	19.98	20.06	20.05	21.00
3GPP Rel 8	DC-HSDPA Subtest-1	18.05	18.27	18.05	19.10	20.46	20.58	20.39	21.50
3GPP Rel 8	DC-HSDPA Subtest-2	17.80	17.95	17.84	19.10	20.29	20.37	20.31	21.50
3GPP Rel 8	DC-HSDPA Subtest-3	17.38	17.49	17.45	18.60	19.80	19.87	19.83	21.00
3GPP Rel 8	DC-HSDPA Subtest-4	17.37	17.51	17.43	18.60	19.78	19.90	19.84	21.00
3GPP Rel 6	HSUPA Subtest-1	18.16	18.22	18.26	19.10	20.49	20.65	20.60	21.50
3GPP Rel 6	HSUPA Subtest-2	18.16	18.08	15.96	17.10	18.46	18.49	18.39	19.50
3GPP Rel 6	HSUPA Subtest-3	17.15	17.03	17.14	18.10	19.49	19.51	19.48	20.50
3GPP Rel 6	HSUPA Subtest-4	16.05	16.04	15.91	17.10	18.38	18.44	18.33	19.50
3GPP Rel 6	HSUPA Subtest-5	18.04	18.19	18.03	19.10	20.46	20.53	20.49	21.50

Band 2 DSI2_Standalone Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	19.71	19.77	19.73		
20	QPSK	1	49	19.66	19.73	19.62	21	0
20	QPSK	1	99	19.60	19.71	19.53		
20	QPSK	50	0	19.56	19.68	19.62		
20	QPSK	50	24	19.50	19.64	19.51	21	0
20	QPSK	50	50	19.48	19.56	19.42		
20	QPSK	100	0	19.56	19.68	19.60		
20	16QAM	1	0	19.60	19.67	19.53		
20	16QAM	1	49	19.54	19.57	19.43	21	0
20	16QAM	1	99	19.58	19.61	19.52		
20	16QAM	50	0	19.52	19.66	19.53		
20	16QAM	50	24	19.48	19.62	19.53	21	0
20	16QAM	50	50	19.58	19.67	19.56		
20	16QAM	100	0	19.42	19.56	19.49		
20	64QAM	1	0	19.45	19.59	19.51		
20	64QAM	1	49	19.49	19.60	19.53	21	0
20	64QAM	1	99	19.53	19.66	19.53		
20	64QAM	50	0	19.52	19.48	19.46		
20	64QAM	50	24	19.52	19.48	19.46	21	0
20	64QAM	50	50	19.48	19.42	19.50		
20	64QAM	100	0	19.51	19.40	19.46		
20	256QAM	1	0	18.07	18.24	18.07		
20	256QAM	1	49	18.05	18.20	17.99	19	2
20	256QAM	1	99	18.02	18.08	18.02		
20	256QAM	50	0	18.01	18.11	17.98		
20	256QAM	50	24	17.86	17.96	17.86	19	2
20	256QAM	50	50	17.86	17.95	17.86		
20	256QAM	100	0	17.82	17.99	17.90		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	19.67	19.69	19.59		
15	QPSK	1	37	19.53	19.67	19.53	21	0
15	QPSK	1	74	19.46	19.68	19.59		
15	QPSK	36	0	19.50	19.60	19.54		
15	QPSK	36	20	19.44	19.60	19.37	21	0
15	QPSK	36	39	19.39	19.51	19.36		
15	QPSK	75	0	19.46	19.55	19.47		
15	16QAM	1	0	19.51	19.54	19.41		
15	16QAM	1	37	19.49	19.43	19.38	21	0
15	16QAM	1	74	19.46	19.48	19.42		
15	16QAM	36	0	19.46	19.63	19.46		
15	16QAM	36	20	19.44	19.49	19.42	21	0
15	16QAM	36	39	19.53	19.58	19.46		
15	16QAM	75	0	19.39	19.46	19.42		
15	64QAM	1	0	19.31	19.48	19.46		
15	64QAM	1	37	19.45	19.46	19.41	21	0
15	64QAM	1	74	19.50	19.57	19.43		
15	64QAM	36	0	19.44	19.44	19.36		
15	64QAM	36	20	19.49	19.42	19.42	21	0
15	64QAM	36	39	19.34	19.35	19.47		
15	64QAM	75	0	19.48	19.37	19.34		
15	256QAM	1	0	18.00	18.10	18.00		
15	256QAM	1	37	18.00	18.18	17.88	19	2
15	256QAM	1	74	17.96	17.99	17.92		
15	256QAM	36	0	17.93	18.00	17.88		
15	256QAM	36	20	17.71	17.91	17.82	19	2
15	256QAM	36	39	17.83	17.91	17.82		
15	256QAM	75	0	17.77	17.92	17.86		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	19.57	19.67	19.63		
10	QPSK	1	25	19.53	19.61	19.49	21	0
10	QPSK	1	49	19.51	19.62	19.61		
10	QPSK	25	0	19.43	19.64	19.51		
10	QPSK	25	12	19.45	19.51	19.46	21	0
10	QPSK	25	25	19.40	19.45	19.36		
10	QPSK	50	0	19.48	19.55	19.52		
10	16QAM	1	0	19.56	19.53	19.48		
10	16QAM	1	25	19.44	19.45	19.31	21	0
10	16QAM	1	49	19.43	19.36	19.41		
10	16QAM	25	0	19.38	19.53	19.42		
10	16QAM	25	12	19.34	19.49	19.40	21	0
10	16QAM	25	25	19.43	19.59	19.43		
10	16QAM	50	0	19.33	19.50	19.36		
10	64QAM	1	0	19.32	19.54	19.42		
10	64QAM	1	25	19.45	19.57	19.40	21	0
10	64QAM	1	49	19.39	19.56	19.49		
10	64QAM	25	0	19.44	19.36	19.41		
10	64QAM	25	12	19.41	19.45	19.34	21	0
10	64QAM	25	25	19.37	19.35	19.37		
10	64QAM	50	0	19.39	19.28	19.34		
10	256QAM	1	0	18.02	18.18	17.98		
10	256QAM	1	25	17.99	18.11	17.87	19	2
10	256QAM	1	49	17.94	18.01	17.97		
10	256QAM	25	0	17.96	18.06	17.83		
10	256QAM	25	12	17.78	17.96	17.87	19	2
10	256QAM	25	25	17.81	17.85	17.80		
10	256QAM	50	0	17.72	17.95	17.76		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	19.60	19.64	19.62		
5	QPSK	1	12	19.52	19.60	19.55	21	0
5	QPSK	1	24	19.54	19.56	19.58		
5	QPSK	12	0	19.42	19.53	19.58		
5	QPSK	12	7	19.43	19.56	19.44	21	0
5	QPSK	12	13	19.42	19.46	19.38		
5	QPSK	25	0	19.41	19.58	19.45		
5	16QAM	1	0	19.45	19.62	19.42		
5	16QAM	1	12	19.39	19.43	19.39	21	0
5	16QAM	1	24	19.50	19.52	19.38		
5	16QAM	12	0	19.44	19.53	19.46		
5	16QAM	12	7	19.37	19.59	19.46	21	0
5	16QAM	12	13	19.52	19.53	19.42		
5	16QAM	25	0	19.32	19.53	19.35		
5	64QAM	1	0	19.37	19.54	19.41		
5	64QAM	1	12	19.35	19.48	19.50	21	0
5	64QAM	1	24	19.45	19.56	19.46		
5	64QAM	12	0	19.45	19.38	19.44		
5	64QAM	12	7	19.48	19.41	19.33	21	0
5	64QAM	12	13	19.41	19.29	19.43		
5	64QAM	25	0	19.37	19.32	19.32		
5	256QAM	1	0	18.00	18.15	17.94		
5	256QAM	1	12	18.01	18.16	17.92	19	2
5	256QAM	1	24	17.93	17.96	17.91		
5	256QAM	12	0	17.92	18.03	17.86		
5	256QAM	12	7	17.80	17.92	17.81	19	2
5	256QAM	12	13	17.75	17.80	17.79		
5	256QAM	25	0	17.71	17.88	17.82		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	19.60	19.62	19.59		
3	QPSK	1	8	19.61	19.61	19.53	21	0
3	QPSK	1	14	19.46	19.59	19.54		
3	QPSK	8	0	19.47	19.59	19.54		
3	QPSK	8	4	19.44	19.49	19.38	21	0
3	QPSK	8	7	19.36	19.46	19.32		
3	QPSK	15	0	19.48	19.53	19.55		
3	16QAM	1	0	19.48	19.61	19.47		
3	16QAM	1	8	19.50	19.53	19.38	21	0
3	16QAM	1	14	19.44	19.49	19.45		
3	16QAM	8	0	19.39	19.60	19.42		
3	16QAM	8	4	19.44	19.53	19.48	21	0
3	16QAM	8	7	19.51	19.63	19.43		
3	16QAM	15	0	19.33	19.47	19.43		
3	64QAM	1	0	19.38	19.45	19.43		
3	64QAM	1	8	19.41	19.51	19.48	21	0
3	64QAM	1	14	19.43	19.53	19.38		
3	64QAM	8	0	19.40	19.41	19.36		
3	64QAM	8	4	19.47	19.36	19.36	21	0
3	64QAM	8	7	19.37	19.35	19.42		
3	64QAM	15	0	19.44	19.35	19.35		
3	256QAM	1	0	18.00	18.12	17.99		
3	256QAM	1	8	18.00	18.13	17.89	19	2
3	256QAM	1	14	17.93	17.98	17.95		
3	256QAM	8	0	17.92	18.07	17.94		
3	256QAM	8	4	17.78	17.82	17.76	19	2
3	256QAM	8	7	17.82	17.90	17.80		
3	256QAM	15	0	17.76	17.91	17.82		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	19.61	19.72	19.60		
1.4	QPSK	1	3	19.60	19.59	19.55	21	0
1.4	QPSK	1	5	19.56	19.65	19.51		
1.4	QPSK	3	0	19.44	19.63	19.53		
1.4	QPSK	3	1	19.44	19.58	19.40		
1.4	QPSK	3	3	19.41	19.47	19.29		
1.4	QPSK	6	0	19.41	19.56	19.50	21	0
1.4	16QAM	1	0	19.48	19.52	19.50		
1.4	16QAM	1	3	19.48	19.47	19.34		
1.4	16QAM	1	5	19.53	19.57	19.44	21	0
1.4	16QAM	3	0	19.42	19.54	19.46		
1.4	16QAM	3	1	19.34	19.50	19.50		
1.4	16QAM	3	3	19.48	19.56	19.44		
1.4	16QAM	6	0	19.36	19.51	19.35	21	0
1.4	64QAM	1	0	19.39	19.50	19.40		
1.4	64QAM	1	3	19.39	19.53	19.50		
1.4	64QAM	1	5	19.46	19.52	19.42	21	0
1.4	64QAM	3	0	19.35	19.56	19.42		
1.4	64QAM	3	1	19.37	19.52	19.45		
1.4	64QAM	3	3	19.36	19.46	19.41		
1.4	64QAM	6	0	19.42	19.42	19.41	21	0
1.4	256QAM	1	0	17.95	18.10	17.93		
1.4	256QAM	1	3	17.95	18.18	17.89		
1.4	256QAM	1	5	17.92	17.97	17.97	19	2
1.4	256QAM	3	0	17.97	17.96	17.84		
1.4	256QAM	3	1	17.83	17.91	17.72		
1.4	256QAM	3	3	17.81	17.89	17.77		
1.4	256QAM	6	0	17.71	17.92	17.78	19	2

Band 4 Default Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	21.16	21.30	21.12		
20	QPSK	1	49	20.99	21.11	20.94	22	0
20	QPSK	1	99	20.98	21.14	20.88		
20	QPSK	50	0	21.06	21.19	21.02		
20	QPSK	50	24	21.00	21.10	20.99	22	0
20	QPSK	50	50	20.98	20.97	20.94		
20	QPSK	100	0	21.02	21.16	21.06		
20	16QAM	1	0	21.08	21.26	21.10		
20	16QAM	1	49	21.03	21.17	21.02	22	0
20	16QAM	1	99	20.95	21.10	21.05		
20	16QAM	50	0	21.12	21.24	21.15		
20	16QAM	50	24	20.99	21.06	21.05	22	0
20	16QAM	50	50	20.96	21.05	20.97		
20	16QAM	100	0	21.06	21.21	21.05		
20	64QAM	1	0	21.02	21.21	21.05		
20	64QAM	1	49	21.03	21.08	21.02	22	0
20	64QAM	1	99	20.90	21.03	20.99		
20	64QAM	50	0	19.92	20.03	19.90		
20	64QAM	50	24	19.83	19.93	19.81	21	1
20	64QAM	50	50	19.82	19.79	19.75		
20	64QAM	100	0	19.87	19.94	19.95		
20	256QAM	1	0	18.06	18.26	18.17		
20	256QAM	1	49	18.03	18.26	18.10	19	3
20	256QAM	1	99	18.05	18.06	18.00		
20	256QAM	50	0	17.94	18.15	18.02		
20	256QAM	50	24	17.96	17.99	17.98	19	3
20	256QAM	50	50	17.87	17.97	17.86		
20	256QAM	100	0	17.92	18.05	17.89		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	21.01	21.25	20.98		
15	QPSK	1	37	20.87	20.97	20.82	22	0
15	QPSK	1	74	20.90	21.07	20.83		
15	QPSK	36	0	20.95	21.07	20.93		
15	QPSK	36	20	20.88	21.03	20.92	22	0
15	QPSK	36	39	20.84	20.91	20.84		
15	QPSK	75	0	20.92	21.07	20.99		
15	16QAM	1	0	20.94	21.15	21.03		
15	16QAM	1	37	21.00	21.03	20.94	22	0
15	16QAM	1	74	20.81	20.97	20.87		
15	16QAM	36	0	21.03	21.10	21.02		
15	16QAM	36	20	20.89	21.02	21.00	22	0
15	16QAM	36	39	20.83	21.01	20.94		
15	16QAM	75	0	20.92	21.06	20.98		
15	64QAM	1	0	20.96	21.14	20.91		
15	64QAM	1	37	20.95	21.04	20.94	22	0
15	64QAM	1	74	20.80	21.00	20.91		
15	64QAM	36	0	19.88	20.00	19.80		
15	64QAM	36	20	19.72	19.88	19.74	21	1
15	64QAM	36	39	19.74	19.66	19.60		
15	64QAM	75	0	19.75	19.80	19.87		
15	256QAM	1	0	18.00	18.17	18.03		
15	256QAM	1	37	17.94	18.16	18.07	19	3
15	256QAM	1	74	17.90	17.96	17.95		
15	256QAM	36	0	17.81	18.01	17.92		
15	256QAM	36	20	17.83	17.88	17.94	19	3
15	256QAM	36	39	17.80	17.82	17.80		
15	256QAM	75	0	17.80	17.96	17.79		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	21.02	21.16	21.04		
10	QPSK	1	25	20.95	20.98	20.83	22	0
10	QPSK	1	49	20.94	20.96	20.73		
10	QPSK	25	0	20.91	21.16	20.91		
10	QPSK	25	12	20.95	20.99	20.90	22	0
10	QPSK	25	25	20.83	20.84	20.80		
10	QPSK	50	0	20.91	21.12	20.92		
10	16QAM	1	0	21.01	21.16	20.99		
10	16QAM	1	25	20.93	21.10	20.98	22	0
10	16QAM	1	49	20.86	21.01	20.92		
10	16QAM	25	0	21.00	21.18	21.09		
10	16QAM	25	12	20.84	21.02	20.98	22	0
10	16QAM	25	25	20.82	20.99	20.89		
10	16QAM	50	0	20.93	21.06	21.02		
10	64QAM	1	0	20.99	21.15	20.98		
10	64QAM	1	25	20.97	21.01	20.88	22	0
10	64QAM	1	49	20.81	20.96	20.89		
10	64QAM	25	0	19.83	19.90	19.87		
10	64QAM	25	12	19.69	19.86	19.68	21	1
10	64QAM	25	25	19.74	19.64	19.69		
10	64QAM	50	0	19.76	19.86	19.82		
10	256QAM	1	0	18.03	18.16	18.05		
10	256QAM	1	25	17.89	18.18	18.04	19	3
10	256QAM	1	49	17.94	17.91	17.90		
10	256QAM	25	0	17.83	18.02	17.91		
10	256QAM	25	12	17.87	17.84	17.89	19	3
10	256QAM	25	25	17.78	17.90	17.82		
10	256QAM	50	0	17.81	17.95	17.85		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	21.04	21.24	21.03		
5	QPSK	1	12	20.96	21.03	20.87	22	0
5	QPSK	1	24	20.91	21.07	20.84		
5	QPSK	12	0	20.93	21.06	20.98		
5	QPSK	12	7	20.94	21.03	20.90	22	0
5	QPSK	12	13	20.94	20.87	20.86		
5	QPSK	25	0	20.92	21.08	20.93		
5	16QAM	1	0	21.04	21.17	21.04		
5	16QAM	1	12	20.93	21.10	20.91	22	0
5	16QAM	1	24	20.85	20.96	20.91		
5	16QAM	12	0	20.99	21.16	21.03		
5	16QAM	12	7	20.87	20.91	20.93	22	0
5	16QAM	12	13	20.89	20.84	20.90		
5	16QAM	25	0	20.91	21.13	20.93		
5	64QAM	1	0	20.99	21.06	20.97		
5	64QAM	1	12	20.97	20.96	20.94	22	0
5	64QAM	1	24	20.82	20.93	20.85		
5	64QAM	12	0	19.82	19.89	19.87		
5	64QAM	12	7	19.73	19.82	19.76	21	1
5	64QAM	12	13	19.74	19.73	19.67		
5	64QAM	25	0	19.75	19.84	19.82		
5	256QAM	1	0	18.00	18.18	18.11		
5	256QAM	1	12	17.88	18.18	18.04	19	3
5	256QAM	1	24	17.95	17.95	17.89		
5	256QAM	12	0	17.87	18.03	17.90		
5	256QAM	12	7	17.93	17.92	17.88	19	3
5	256QAM	12	13	17.82	17.84	17.79		
5	256QAM	25	0	17.86	18.01	17.74		
Channel				19925	20175	20425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	21.04	21.17	21.03		
3	QPSK	1	8	20.87	21.01	20.80	22	0
3	QPSK	1	14	20.90	21.06	20.81		
3	QPSK	8	0	21.00	21.15	20.91		
3	QPSK	8	4	20.90	21.02	20.87	22	0
3	QPSK	8	7	20.84	20.85	20.83		
3	QPSK	15	0	20.87	21.03	20.99		
3	16QAM	1	0	20.95	21.22	20.97		
3	16QAM	1	8	20.96	21.06	20.99	22	0
3	16QAM	1	14	20.90	21.01	21.00		
3	16QAM	8	0	21.03	21.20	21.04		
3	16QAM	8	4	20.89	20.96	20.94	22	0
3	16QAM	8	7	20.93	20.91	20.83		
3	16QAM	15	0	21.03	21.15	21.00		
3	64QAM	1	0	21.03	21.15	21.02		
3	64QAM	1	8	20.99	20.95	20.92	22	0
3	64QAM	1	14	20.80	20.97	20.85		
3	64QAM	8	0	19.79	19.95	19.78		
3	64QAM	8	4	19.79	19.82	19.78	21	1
3	64QAM	8	7	19.75	19.67	19.67		
3	64QAM	15	0	19.80	19.84	19.81		
3	256QAM	1	0	18.02	18.14	18.10		
3	256QAM	1	8	17.91	18.17	17.96	19	3
3	256QAM	1	14	17.99	17.94	17.97		
3	256QAM	8	0	17.81	18.00	17.91		
3	256QAM	8	4	17.88	17.93	17.90	19	3
3	256QAM	8	7	17.83	17.83	17.82		
3	256QAM	15	0	17.82	17.93	17.82		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	21.08	21.16	21.06		
1.4	QPSK	1	3	20.94	21.02	20.90	22	0
1.4	QPSK	1	5	20.84	21.05	20.78		
1.4	QPSK	3	0	20.95	21.10	20.91		
1.4	QPSK	3	1	20.94	20.97	20.87		
1.4	QPSK	3	3	20.95	20.83	20.87		
1.4	QPSK	6	0	20.90	21.10	20.95	22	0
1.4	16QAM	1	0	21.04	21.22	20.97		
1.4	16QAM	1	3	20.96	21.09	20.94		
1.4	16QAM	1	5	20.90	21.04	20.93	22	0
1.4	16QAM	3	0	21.03	21.12	21.02		
1.4	16QAM	3	1	20.88	21.00	20.97		
1.4	16QAM	3	3	20.83	20.93	20.89		
1.4	16QAM	6	0	20.98	21.17	20.92	22	0
1.4	64QAM	1	0	21.04	21.12	20.99		
1.4	64QAM	1	3	20.91	21.05	20.88		
1.4	64QAM	1	5	20.82	20.93	20.94	22	0
1.4	64QAM	3	0	20.95	21.08	20.95		
1.4	64QAM	3	1	21.05	21.11	20.93		
1.4	64QAM	3	3	20.98	20.96	20.98		
1.4	64QAM	6	0	19.70	19.90	19.73	21	1
1.4	256QAM	1	0	18.02	18.18	18.09		
1.4	256QAM	1	3	17.94	18.16	17.97		
1.4	256QAM	1	5	18.01	17.97	17.94	19	3
1.4	256QAM	3	0	17.84	18.11	17.95		
1.4	256QAM	3	1	17.93	17.94	17.92		
1.4	256QAM	3	3	17.75	17.92	17.82		
1.4	256QAM	6	0	17.88	17.90	17.82	19	3

Band 5 Default Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.11	22.16	22.07		
10	QPSK	1	25	21.94	22.03	21.89	23	0
10	QPSK	1	49	21.85	22.06	21.78		
10	QPSK	25	0	21.94	22.15	21.96		
10	QPSK	25	12	21.85	22.00	21.88	23	0
10	QPSK	25	25	21.93	21.86	21.84		
10	QPSK	50	0	21.97	22.06	21.95		
10	16QAM	1	0	21.97	22.14	22.07		
10	16QAM	1	25	21.93	22.14	21.92	23	0
10	16QAM	1	49	21.81	21.95	21.93		
10	16QAM	25	0	22.06	22.09	22.11		
10	16QAM	25	12	21.93	21.98	21.91	23	0
10	16QAM	25	25	21.84	22.01	21.85		
10	16QAM	50	0	21.98	22.07	22.00		
10

Band 12 Default Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	22.51	22.59	22.50	24	0
10	QPSK	1	25	22.40	22.42	22.31		
10	QPSK	1	49	22.26	22.40	22.18		
10	QPSK	25	0	22.40	22.55	22.40	24	0
10	QPSK	25	12	22.30	22.45	22.27		
10	QPSK	25	25	22.29	22.32	22.24		
10	QPSK	50	0	22.34	22.41	22.37		
10	16QAM	1	0	22.41	22.51	22.53	24	0
10	16QAM	1	25	22.39	22.52	22.38		
10	16QAM	1	49	22.18	22.40	22.39		
10	16QAM	25	0	22.51	22.52	22.54	24	0
10	16QAM	25	12	22.29	22.41	22.35		
10	16QAM	25	25	22.27	22.36	22.30		
10	16QAM	50	0	22.40	22.51	22.38		
10	64QAM	1	0	22.40	22.44	22.34	24	0
10	64QAM	1	25	22.39	22.41	22.32		
10	64QAM	1	49	22.14	22.41	22.29		
10	64QAM	25	0	21.24	21.36	21.17	22.5	1.5
10	64QAM	25	12	21.13	21.21	21.06		
10	64QAM	25	25	21.09	21.06	21.04		
10	64QAM	50	0	21.25	21.30	21.19		
10	256QAM	1	0	19.32	19.60	19.48	21	3
10	256QAM	1	25	19.35	19.58	19.51		
10	256QAM	1	49	19.34	19.36	19.43		
10	256QAM	25	0	19.24	19.45	19.44	21	3
10	256QAM	25	12	19.34	19.28	19.32		
10	256QAM	25	25	19.12	19.28	19.19		
10	256QAM	50	0	19.26	19.33	19.17		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.43	22.48	22.39	24	0
5	QPSK	1	12	22.33	22.28	22.20		
5	QPSK	1	24	22.14	22.40	22.04		
5	QPSK	12	0	22.29	22.50	22.37	24	0
5	QPSK	12	7	22.25	22.31	22.15		
5	QPSK	12	13	22.24	22.26	22.17		
5	QPSK	25	0	22.22	22.27	22.32		
5	16QAM	1	0	22.35	22.48	22.38	24	0
5	16QAM	1	12	22.25	22.45	22.27		
5	16QAM	1	24	22.08	22.30	22.33		
5	16QAM	12	0	22.47	22.43	22.51	24	0
5	16QAM	12	7	22.18	22.28	22.25		
5	16QAM	12	13	22.15	22.25	22.24		
5	16QAM	25	0	22.37	22.43	22.23		
5	64QAM	1	0	22.25	22.39	22.29	24	0
5	64QAM	1	12	22.29	22.37	22.28		
5	64QAM	1	24	22.05	22.32	22.21		
5	64QAM	12	0	21.17	21.31	21.05	22.5	1.5
5	64QAM	12	7	21.02	21.15	20.97		
5	64QAM	12	13	21.02	20.92	20.89		
5	64QAM	25	0	21.13	21.16	21.15		
5	256QAM	1	0	19.21	19.48	19.38	21	3
5	256QAM	1	12	19.20	19.48	19.48		
5	256QAM	1	24	19.25	19.28	19.33		
5	256QAM	12	0	19.11	19.35	19.38	21	3
5	256QAM	12	7	19.20	19.15	19.26		
5	256QAM	12	13	19.02	19.20	19.12		
5	256QAM	25	0	19.12	19.22	19.09		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.40	22.52	22.46	24	0
3	QPSK	1	8	22.33	22.37	22.26		
3	QPSK	1	14	22.11	22.43	22.08		
3	QPSK	8	0	22.32	22.48	22.29	24	0
3	QPSK	8	4	22.19	22.34	22.21		
3	QPSK	8	7	22.21	22.18	22.11		
3	QPSK	15	0	22.21	22.37	22.25		
3	16QAM	1	0	22.26	22.39	22.46	24	0
3	16QAM	1	8	22.31	22.38	22.32		
3	16QAM	1	14	22.05	22.26	22.32		
3	16QAM	8	0	22.37	22.41	22.40	24	0
3	16QAM	8	4	22.18	22.33	22.29		
3	16QAM	8	7	22.13	22.29	22.16		
3	16QAM	15	0	22.36	22.39	22.25		
3	64QAM	1	0	22.27	22.31	22.21	24	0
3	64QAM	1	8	22.34	22.38	22.28		
3	64QAM	1	14	22.06	22.28	22.20		
3	64QAM	8	0	21.12	21.27	21.02	22.5	1.5
3	64QAM	8	4	21.04	21.12	20.95		
3	64QAM	8	7	20.98	21.00	20.99		
3	64QAM	15	0	21.19	21.24	21.12		
3	256QAM	1	0	19.29	19.45	19.41	21	3
3	256QAM	1	8	19.27	19.51	19.37		
3	256QAM	1	14	19.24	19.31	19.35		
3	256QAM	8	0	19.10	19.31	19.36	21	3
3	256QAM	8	4	19.24	19.15	19.17		
3	256QAM	8	7	19.09	19.23	19.09		
3	256QAM	15	0	19.20	19.26	19.12		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.41	22.54	22.38	24	0
1.4	QPSK	1	3	22.30	22.28	22.27		
1.4	QPSK	1	5	22.20	22.42	22.04		
1.4	QPSK	3	0	22.34	22.50	22.28		
1.4	QPSK	3	1	22.20	22.39	22.23		
1.4	QPSK	3	3	22.17	22.20	22.20		
1.4	QPSK	6	0	22.23	22.34	22.32	24	0
1.4	16QAM	1	0	22.32	22.45	22.40	24	0
1.4	16QAM	1	3	22.28	22.47	22.25		
1.4	16QAM	1	5	22.04	22.37	22.33		
1.4	16QAM	3	0	22.47	22.47	22.40		
1.4	16QAM	3	1	22.25	22.31	22.25		
1.4	16QAM	3	3	22.17	22.32	22.26		
1.4	16QAM	6	0	22.26	22.43	22.35	24	0
1.4	64QAM	1	0	22.35	22.37	22.29	24	0
1.4	64QAM	1	3	22.25	22.29	22.26		
1.4	64QAM	1	5	22.01	22.33	22.19		
1.4	64QAM	3	0	22.38	22.38	22.40		
1.4	64QAM	3	1	22.16	22.32	22.22		
1.4	64QAM	3	3	22.15	22.29	22.21		
1.4	64QAM	6	0	21.19	21.29	21.11	22.5	1.5
1.4	256QAM	1	0	19.26	19.57	19.36	21	3
1.4	256QAM	1	3	19.22	19.55	19.47		
1.4	256QAM	1	5	19.26	19.22	19.35		
1.4	256QAM	3	0	19.10	19.34	19.30		
1.4	256QAM	3	1	19.21	19.18	19.19		
1.4	256QAM	3	3	19.08	19.20	19.14		
1.4	256QAM	6	0	19.17	19.23	19.09	21	3

Band 13 Default Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		22.53		24	0
10	QPSK	1	25		22.40			
10	QPSK	1	49		22.43			
10	QPSK	25	0		22.45		24	0
10	QPSK	25	12		22.35			
10	QPSK	25	25		22.26			
10	QPSK	50	0		22.32			
10	16QAM	1	0		22.48		24	0
10	16QAM	1	25		22.47			
10	16QAM	1	49		22.40			
10	16QAM	25	0		22.44		24	0
10	16QAM	25	12		22.35			
10	16QAM	25	25		22.26			
10	16QAM	50	0		22.45			
10	64QAM	1	0		22.38		24	0
10	64QAM	1	25		22.42			
10	64QAM	1	49		22.41			
10	64QAM	25	0		21.30		22.5	1.5
10	64QAM	25	12		21.20			
10	64QAM	25	25		21.04			
10	64QAM	50	0		21.26			
10	256QAM	1	0		19.60		21	3
10	256QAM	1	25		19.59			
10	256QAM	1	49		19.30			
10	256QAM	25	0		19.42		21	3
10	256QAM	25	12		19.26			
10	256QAM	25	25		19.24			
10	256QAM	50	0		19.28			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.47	22.50	22.44	24	0
5	QPSK	1	12	22.33	22.35	22.39		
5	QPSK	1	24	22.34	22.44	22.44		
5	QPSK	12	0	22.41	22.37	22.40	24	0
5	QPSK	12	7	22.25	22.26	22.28		
5	QPSK	12	13	22.23	22.21	22.21		
5	QPSK	25	0	22.22	22.30	22.30		
5	16QAM	1	0	22.42	22.46	22.43	24	0
5	16QAM	1	12	22.38	22.44	22.46		
5	16QAM	1	24	22.34	22.33	22.41		
5	16QAM	12	0	22.41	22.41	22.40	24	0
5	16QAM	12	7	22.31	22.33	22.31		
5	16QAM	12	13	22.17	22.25	22.19		
5	16QAM	25	0	22.41	22.47	22.46		
5	64QAM	1	0	22.31	22.30	22.29	24	0
5	64QAM	1	12	22.37	22.42	22.35		
5	64QAM	1	24	22.33	22.32	22.35		
5	64QAM	12	0	21.28	21.27	21.25	22.5	1.5
5	64QAM	12	7	21.11	21.20	21.17		
5	64QAM	12	13	20.96	20.97	21.01		
5	64QAM	25	0	21.17	21.25	21.28		
5	256QAM	1	0	19.52	19.51	19.53	21	3
5	256QAM	1	12	19.49	19.53	19.50		
5	256QAM	1	24	19.25	19.29	19.24		
5	256QAM	12	0	19.36	19.43	19.35	21	3
5	256QAM	12	7	19.22	19.24	19.26		
5	256QAM	12	13	19.17	19.20	19.17		
5	256QAM	25	0	19.27	19.18	19.30		

Band 14 Default Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23330			
Frequency (MHz)					793			
10	QPSK	1	0		22.62		24	0
10	QPSK	1	25		22.47			
10	QPSK	1	49		22.51			
10	QPSK	25	0		22.50		24	0
10	QPSK	25	12		22.36			
10	QPSK	25	25		22.35			
10	QPSK	50	0		22.44			
10	16QAM	1	0		22.49		24	0
10	16QAM	1	25		22.48			
10	16QAM	1	49		22.49			
10	16QAM	25	0		22.52		24	0
10	16QAM	25	12		22.41			
10	16QAM	25	25		22.28			
10	16QAM	50	0		22.56			
10	64QAM	1	0		22.41		24	0
10	64QAM	1	25		22.49			
10	64QAM	1	49		22.45			
10	64QAM	25	0		21.32		22.5	1.5
10	64QAM	25	12		21.22			
10	64QAM	25	25		21.08			
10	64QAM	50	0		21.29			
10	256QAM	1	0		19.62		21	3
10	256QAM	1	25		19.68			
10	256QAM	1	49		19.31			
10	256QAM	25	0		19.48		21	3
10	256QAM	25	12		19.29			
10	256QAM	25	25		19.33			
10	256QAM	50	0		19.37			
Channel				23305	23330	23355	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	0	22.51	22.57	22.47	24	0
5	QPSK	1	12	22.32	22.33	22.36		
5	QPSK	1	24	22.45	22.42	22.46		
5	QPSK	12	0	22.39	22.43	22.41	24	0
5	QPSK	12	7	22.27	22.30	22.31		
5	QPSK	12	13	22.30	22.23	22.25		
5	QPSK	25	0	22.32	22.37	22.37		
5	16QAM	1	0	22.41	22.37	22.40	24	0
5	16QAM	1	12	22.39	22.38	22.39		
5	16QAM	1	24	22.44	22.44	22.41		
5	16QAM	12	0	22.43	22.48	22.49	24	0
5	16QAM	12	7	22.27	22.28	22.35		
5	16QAM	12	13	22.18	22.21	22.25		
5	16QAM	25	0	22.42	22.48	22.50		
5	64QAM	1	0	22.28	22.37	22.28	24	0
5	64QAM	1	12	22.41	22.40	22.45		
5	64QAM	1	24	22.38	22.41	22.39		
5	64QAM	12	0	21.21	21.27	21.20	22.5	1.5
5	64QAM	12	7	21.08	21.18	21.13		
5	64QAM	12	13	21.01	21.02	21.02		
5	64QAM	25	0	21.16	21.15	21.18		
5	256QAM	1	0	19.51	19.52	19.57	21	3
5	256QAM	1	12	19.64	19.60	19.58		
5	256QAM	1	24	19.21	19.16	19.27		
5	256QAM	12	0	19.44	19.33	19.34	21	3
5	256QAM	12	7	19.20	19.22	19.14		
5	256QAM	12	13	19.21	19.29	19.20		
5	256QAM	25	0	19.31	19.33	19.24		

Band 17 Default Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	22.45	22.48	22.41	24	0
10	QPSK	1	25	22.38	22.29	22.34		
10	QPSK	1	49	22.31	22.34	22.40		
10	QPSK	25	0	22.35	22.39	22.31	24	0
10	QPSK	25	12	22.18	22.24	22.23		
10	QPSK	25	25	22.21	22.23	22.17		
10	QPSK	50	0	22.29	22.31	22.24		
10	16QAM	1	0	22.30	22.35	22.32	24	0
10	16QAM	1	25	22.28	22.38	22.39		
10	16QAM	1	49	22.17	22.31	22.30		
10	16QAM	25	0	22.34	22.42	22.32	24	0
10	16QAM	25	12	22.32	22.22	22.31		
10	16QAM	25	25	22.13	22.10	22.08		
10	16QAM	50	0	22.36	22.41	22.43		
10	64QAM	1	0	22.27	22.30	22.32	24	0
10	64QAM	1	25	22.31	22.35	22.33		
10	64QAM	1	49	22.30	22.35	22.27		
10	64QAM	25	0	21.21	21.20	21.23	22.5	1.5
10	64QAM	25	12	21.05	21.11	21.05		
10	64QAM	25	25	20.89	20.96	20.98		
10	64QAM	50	0	21.21	21.13	21.12		
10	256QAM	1	0	19.46	19.48	19.43	21	3
10	256QAM	1	25	19.60	19.57	19.50		
10	256QAM	1	49	19.23	19.32	19.27		
10	256QAM	25	0	19.33	19.30	19.34	21	3
10	256QAM	25	12	19.10	19.20	19.21		
10	256QAM	25	25	19.14	19.16	19.20		
10	256QAM	50	0	19.19	19.17	19.28		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.39	22.45	22.29	24	0
5	QPSK	1	12	22.34	22.16	22.20		
5	QPSK	1	24	22.17	22.26	22.32		
5	QPSK	12	0	22.27	22.28	22.17	24	0
5	QPSK	12	7	22.08	22.12	22.12		
5	QPSK	12	13	22.16	22.15	22.04		
5	QPSK	25	0	22.20	22.21	22.14		
5	16QAM	1	0	22.21	22.26	22.18	24	0
5	16QAM	1	12	22.28	22.25	22.27		
5	16QAM	1	24	22.27	22.24	22.28		
5	16QAM	12	0	22.25	22.28	22.23	24	0
5	16QAM	12	7	22.19	22.12	22.24		
5	16QAM	12	13	22.08	22.01	22.01		
5	16QAM	25	0	22.21	22.34	22.31		
5	64QAM	1	0	22.22	22.19	22.19	24	0
5	64QAM	1	12	22.24	22.29	22.25		
5	64QAM	1	24	22.27	22.23	22.18		
5	64QAM	12	0	21.14	21.08	21.11	22.5	1.5
5	64QAM	12	7	20.99	21.00	20.95		
5	64QAM	12	13	20.83	20.84	20.85		
5	64QAM	25	0	21.12	21.00	20.99		
5	256QAM	1	0	19.33	19.39	19.36	21	3
5	256QAM	1	12	19.53	19.47	19.35		
5	256QAM	1	24	19.09	19.19	19.24		
5	256QAM	12	0	19.26	19.21	19.24	21	3
5	256QAM	12	7	19.06	19.12	19.10		
5	256QAM	12	13	19.07	19.06	19.06		
5	256QAM	25	0	19.08	19.04	19.19		

Band 25 DSI2_Standalone Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	19.84	19.90	19.78	21	0
20	QPSK	1	49	19.84	19.85	19.69		
20	QPSK	1	99	19.62	19.81	19.65		
20	QPSK	50	0	19.65	19.79	19.63		
20	QPSK	50	24	19.55	19.72	19.58		
20	QPSK	50	50	19.60	19.71	19.50		
20	QPSK	100	0	19.65	19.82	19.77		
20	16QAM	1	0	19.72	19.79	19.64		
20	16QAM	1	49	19.57	19.69	19.49	21	0
20	16QAM	1	99	19.61	19.79	19.63		
20	16QAM	50	0	19.65	19.81	19.65		
20	16QAM	50	24	19.64	19.71	19.71	21	0
20	16QAM	50	50	19.66	19.73	19.67		
20	16QAM	100	0	19.47	19.64	19.60		
20	64QAM	1	0	19.59	19.64	19.65		
20	64QAM	1	49	19.61	19.71	19.62	21	0
20	64QAM	1	99	19.67	19.86	19.61		
20	64QAM	50	0	19.63	19.70	19.64		
20	64QAM	50	24	19.58	19.64	19.52		
20	64QAM	50	50	19.55	19.60	19.63	21	0
20	64QAM	100	0	19.72	19.75	19.54		
20	256QAM	1	0	19.53	19.60	19.52		
20	256QAM	1	49	19.55	19.59	19.53	21	0
20	256QAM	1	99	19.57	19.81	19.56		
20	256QAM	50	0	19.56	19.63	19.57		
20	256QAM	50	24	19.48	19.52	19.46	21	0
20	256QAM	50	50	19.47	19.48	19.55		
20	256QAM	100	0	19.65	19.63	19.48		
Channel				26115	26340	26915	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	19.78	19.83	19.66	21	0
15	QPSK	1	37	19.74	19.79	19.57		
15	QPSK	1	74	19.58	19.67	19.79		
15	QPSK	36	0	19.59	19.70	19.54		
15	QPSK	36	20	19.48	19.61	19.53		
15	QPSK	36	39	19.53	19.64	19.47		
15	QPSK	75	0	19.60	19.71	19.68		
15	16QAM	1	0	19.64	19.70	19.54		
15	16QAM	1	37	19.49	19.60	19.44	21	0
15	16QAM	1	74	19.58	19.69	19.55		
15	16QAM	36	0	19.61	19.72	19.59		
15	16QAM	36	20	19.58	19.60	19.61	21	0
15	16QAM	36	39	19.54	19.63	19.63		
15	16QAM	75	0	19.35	19.53	19.58		
15	64QAM	1	0	19.55	19.52	19.61		
15	64QAM	1	37	19.51	19.60	19.55	21	0
15	64QAM	1	74	19.58	19.84	19.53		
15	64QAM	36	0	19.58	19.96	19.50		
15	64QAM	36	20	19.49	19.61	19.38	21	0
15	64QAM	36	39	19.44	19.53	19.57		
15	64QAM	75	0	19.68	19.67	19.41		
15	256QAM	1	0	19.50	19.55	19.46		
15	256QAM	1	37	19.52	19.46	19.50	21	0
15	256QAM	1	74	19.49	19.68	19.51		
15	256QAM	36	0	19.45	19.50	19.54		
15	256QAM	36	20	19.36	19.47	19.42	21	0
15	256QAM	36	39	19.34	19.44	19.45		
15	256QAM	75	0	19.57	19.53	19.38		
Channel				26090	26340	26540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	19.70	19.77	19.68	21	0
10	QPSK	1	25	19.79	19.73	19.62		
10	QPSK	1	49	19.49	19.69	19.72		
10	QPSK	25	0	19.61	19.73	19.52		
10	QPSK	25	12	19.51	19.60	19.50	21	0
10	QPSK	25	25	19.50	19.60	19.36		
10	QPSK	50	0	19.55	19.72	19.69		
10	16QAM	1	0	19.66	19.75	19.56		
10	16QAM	1	25	19.43	19.61	19.40	21	0
10	16QAM	1	49	19.57	19.73	19.53		
10	16QAM	25	0	19.55	19.77	19.58		
10	16QAM	25	12	19.51	19.60	19.63	21	0
10	16QAM	25	25	19.58	19.70	19.64		
10	16QAM	50	0	19.39	19.58	19.53		
10	64QAM	1	0	19.51	19.60	19.53		
10	64QAM	1	25	19.57	19.63	19.55	21	0
10	64QAM	1	49	19.64	19.79	19.55		
10	64QAM	25	0	19.54	19.59	19.52		
10	64QAM	25	12	19.56	19.51	19.40	21	0
10	64QAM	25	25	19.45	19.48	19.50		
10	64QAM	50	0	19.64	19.63	19.48		
10	256QAM	1	0	19.48	19.54	19.44		
10	256QAM	1	25	19.52	19.51	19.46	21	0
10	256QAM	1	49	19.55	19.72	19.42		
10	256QAM	25	0	19.45	19.52	19.44		
10	256QAM	25	12	19.40	19.41	19.32	21	0
10	256QAM	25	25	19.45	19.41	19.45		
10	256QAM	50	0	19.51	19.54	19.37		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	19.79	19.79	19.72	21	0
5	QPSK	1	12	19.81	19.81	19.66		
5	QPSK	1	24	19.57	19.67	19.78		
5	QPSK	12	0	19.60	19.75	19.57		
5	QPSK	12	7	19.42	19.58	19.50	21	0
5	QPSK	12	13	19.47	19.63	19.36		
5	QPSK	25	0	19.54	19.72	19.66		
5	16QAM	1	0	19.68	19.66	19.57		
5	16QAM	1	12	19.53	19.56	19.37	21	0
5	16QAM	1	24	19.51	19.69	19.53		
5	16QAM	12	0	19.55	19.76	19.54		
5	16QAM	12	7	19.51	19.61	19.67	21	0
5	16QAM	12	13	19.55	19.66	19.53		
5	16QAM	25	0	19.36	19.52	19.47		
5	64QAM	1	0	19.52	19.57	19.63		
5	64QAM	1	12	19.58	19.60	19.58	21	0
5	64QAM	1	24	19.54	19.74	19.48		
5	64QAM	12	0	19.50	19.67	19.55		
5	64QAM	12	7	19.51	19.54	19.39	21	0
5	64QAM	12	13	19.48	19.47	19.60		
5	64QAM	25	0	19.62	19.62	19.44		
5	256QAM	1	0	19.42	19.53	19.46		
5	256QAM	1	12	19.47	19.52	19.41	21	0
5	256QAM	1	24	19.44	19.76	19.48		
5	256QAM	12	0	19.44	19.51	19.43		
5	256QAM	12	7	19.35	19.43	19.37	21	0
5	256QAM	12	13	19.36	19.39	19.53		
5	256QAM	25	0	19.62	19.58	19.41		
Channel				26055	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	19.72	19.82	19.65	21	0
3	QPSK	1	8	19.75	19.81	19.65		
3	QPSK	1	14	19.59	19.65	19.74		
3	QPSK	8	0	19.57	19.73	19.56		
3	QPSK	8	4	19.48	19.69	19.52	21	0
3	QPSK	8	7	19.46	19.69	19.45		
3	QPSK	15	0	19.53	19.73	19.69		
3	16QAM	1	0	19.59	19.69	19.61		
3	16QAM	1	8	19.53	19.61	19.45	21	0
3	16QAM	1	14	19.49	19.76	19.56		
3	16QAM	8	0	19.62	19.77	19.62		
3	16QAM	8	4	19.52	19.66	19.68	21	0
3	16QAM	8	7	19.61	19.65	19.54		
3	16QAM	15	0	19.43	19.52	19.50		
3	64QAM	1	0	19.46	19.57	19.61		
3	64QAM	1	8	19.56	19.66	19.53	21	0
3	64QAM	1	14	19.63	19.82	19.54		
3	64QAM	8	0	19.57	19.67	19.58		
3	64QAM	8	4	19.50	19.60	19.38	21	0
3	64QAM	8	7	19.51	19.49	19.51		
3	64QAM	15	0	19.66	19.67	19.49		
3	256QAM	1	0	19.46	19.50	19.43		
3	256QAM	1	8	19.46	19.51	19.45	21	0
3	256QAM	1	14	19.52	19.76	19.46		
3	256QAM	8	0	19.51	19.55	19.51		
3	256QAM	8	4	19.37	19.47	19.34	21	0
3	256QAM	8	7	19.38	19.41	19.41		
3	256QAM	15	0	19.59	19.55	19.35		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	19.80	19.83	19.70	21	0
1.4	QPSK	1	3	19.72	19.82	19.55		
1.4	QPSK	1	5	19.58	19.64	19.77		
1.4	QPSK	3	0	19.61	19.69	19.59		
1.4	QPSK	3	1	19.50	19.64	19.53		
1.4	QPSK	3	3	19.55	19.63	19.43		
1.4	QPSK	6	0	19.52	19.74	19.66	21	0
1.4	16QAM	1	0	19.65	19.76	19.51	21	0
1.4	16QAM	1	3	19.50	19.66	19.44		
1.4	16QAM	1	5	19.48	19.69	19.54		
1.4	16QAM	3	0	19.55	19.68	19.58		
1.4	16QAM	3	1	19.57	19.67	19.61		
1.4	16QAM	3	3	19.57	19.65	19.63		
1.4	16QAM	6	0	19.44	19.61	19.55	21	0
1.4	64QAM	1	0	19.47	19.53	19.54	21	0
1.4	64QAM	1	3	19.50	19.60	19.49		
1.4	64QAM	1	5	19.57	19.78	19.51		
1.4	64QAM	3	0	19.50	19.66	19.55		
1.4	64QAM	3	1	19.55	19.59	19.39		
1.4	64QAM	3	3	19.53	19.57	19.53		
1.4	64QAM	6	0	19.62	19.71	19.45	21	0
1.4	256QAM	1	0	19.51	19.56	19.39	21	0
1.4	256QAM	1	3	19.42	19.45	19.51		
1.4	256QAM	1	5	19.54	19.71	19.42		
1.4	256QAM	3	0	19.53	19.58	19.54		
1.4	256QAM	3	1	19.36	19.42	19.34		
1.4	256QAM	3	3	19.35	19.40	19.46		
1.4	256QAM	6	0	19.54	19.58	19.40	21	0

Band 26 Default Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	22.20	22.24	22.17	23	0
15	QPSK	1	37	22.18	22.07	22.14		
15	QPSK	1	74	22.03	22.10	22.05		
15	QPSK	36	0	22.16	22.20	22.05		
15	QPSK	36	20	21.94	21.95	21.99	23	0
15	QPSK	36	39	21.92	21.94	21.91		
15	QPSK	75	0	21.99	22.05	22.02		
15	16QAM	1	0	22.09	22.08	22.10		
15	16QAM	1	37	22.09	22.18	22.18	23	0
15	16QAM	1	74	21.99	22.01	22.10		
15	16QAM	36	0	22.06	22.19	22.06		
15	16QAM	36	20	22.02	22.02	22.06	23	0
15	16QAM	36	39	21.88	21.91	21.87		
15	16QAM	75	0	22.06	22.12	22.04		
15	64QAM	1	0	21.97	22.02	22.07		
15	64QAM	1	37	22.09	22.09	22.04	23	0
15	64QAM	1	74	22.05	22.17	22.05		
15	64QAM	36	0	20.94	21.00	20.97		
15	64QAM	36	20	20.76	20.88	20.87	22	1
15	64QAM	36	39	20.65	20.78	20.80		
15	64QAM	75	0	20.86	20.93	20.78		
15	256QAM	1	0	19.22	19.23	19.24		
15	256QAM	1	37	19.38	19.35	19.25	20	3
15	256QAM	1	74	19.11	19.14	19.06		
15	256QAM	36	0	19.14	19.08	19.14		
15	256QAM	36	20	18.91	18.99	19.02	20	3
15	256QAM	36	39	18.88	18.97	18.99		
15	256QAM	75	0	18.98	18.93	19.05		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.14	22.20	22.10	23	0
10	QPSK	1	25	22.12	22.03	22.08		
10	QPSK	1	49	21.90	21.98	21.99		
10	QPSK	25	0	22.12	22.12	21.96		
10	QPSK	25	12	21.86	21.92	21.90	23	0
10	QPSK	25	25	21.83	21.84	21.81		
10	QPSK	50	0	21.94	21.95	21.92		
10	16QAM	1	0	22.04	22.01	22.05		
10	16QAM	1	25	22.03	22.09	22.09	23	0
10	16QAM	1	49	21.88	21.87	21.94		
10	16QAM	25	0	21.93	22.07	21.96		
10	16QAM	25	12	21.98	21.89	21.94	23	0
10	16QAM	25	25	21.83	21.80	21.82		
10	16QAM	50	0	21.95	21.99	21.93		
10	64QAM	1	0	21.83	21.93	22.00		
10	64QAM	1	25	21.99	22.01	21.90	23	0
10	64QAM	1	49	21.92	22.04	21.97		
10	64QAM	25	0	20.89	20.93	20.87		
10	64QAM	25	12	20.69	20.82	20.75	22	1
10	64QAM	25	25	20.51	20.72	20.71		
10	64QAM	50	0	20.83	20.76	20.79		
10	256QAM	1	0	19.09	19.18	19.17		
10	256QAM	1	25	19.30	19.28	19.20	20	3
10	256QAM	1	49	19.06	19.01	19.00		
10	256QAM	25	0	19.11	19.02	19.01		
10	256QAM	25	12	18.76	18.86	18.97	20	3
10	256QAM	25	25	18.76	18.91	18.88		
10	256QAM	50	0	18.94	18.80	19.01		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.12	22.13	22.13	23	0
5	QPSK	1	12	22.08	22.00	22.02		
5	QPSK	1	24	21.90	22.01	21.92		
5	QPSK	12	0	22.10	22.11	21.98		
5	QPSK	12	7	21.86	21.90	21.90	23	0
5	QPSK	12	13	21.82	21.90	21.83		
5	QPSK	25	0	21.86	21.96	21.90		
5	16QAM	1	0	21.96	22.04	21.99		
5	16QAM	1	12	21.96	22.14	22.14	23	0
5	16QAM	1	24	21.87	21.96	22.06		
5	16QAM	12	0	22.00	22.07	21.92		
5	16QAM	12	7	21.96	21.96	21.97	23	0
5	16QAM	12	13	21.82	21.85	21.77		
5	16QAM	25	0	22.03	22.05	22.00		
5	64QAM	1	0	21.86	21.95	22.01		
5	64QAM	1	12	21.97	21.98	21.90	23	0
5	64QAM	1	24	22.00	22.03	22.02		
5	64QAM	12	0	20.84	20.91	20.82		
5	64QAM	12	7	20.71	20.76	20.84	22	1
5	64QAM	12	13	20.53	20.73	20.71		
5	64QAM	25	0	20.90	20.78	20.77		
5	256QAM	1	0	19.17	19.18	19.09		
5	256QAM	1	12	19.31	19.31	19.18	20	3
5	256QAM	1	24	18.97	19.07	19.01		
5	256QAM	12	0	19.03	18.96	19.03		
5	256QAM	12	7	18.78	18.87	18.88	20	3
5	256QAM	12	13	18.78	18.93	18.93		
5	256QAM	25	0	18.94	18.78	18.97		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.11	22.11	22.09	23	0
3	QPSK	1	8	22.09	22.01	22.09		
3	QPSK	1	14	21.94	22.06	21.91		
3	QPSK	8	0	22.04	22.07	21.99		
3	QPSK	8	4	21.83	21.90	21.92	23	0
3	QPSK	8	7	21.78	21.90	21.87		
3	QPSK	15	0	21.87	21.94	21.89		
3	16QAM	1	0	21.95	22.03	21.97		
3	16QAM	1	8	21.98	22.05	22.04	23	0
3	16QAM	1	14	21.95	21.90	22.06		
3	16QAM	8	0	21.93	22.12	21.97		
3	16QAM	8	4	21.89	21.90	21.97	23	0
3	16QAM	8	7	21.76	21.77	21.78		
3	16QAM	15	0	21.99	21.99	21.92		
3	64QAM	1	0	21.92	21.94	21.94		
3	64QAM	1	8	22.02	21.96	21.89	23	0
3	64QAM	1	14	22.01	22.01	21.97		
3	64QAM	8	0	20.83	20.95	20.84		
3	64QAM	8	4	20.62	20.75	20.83	22	1
3	64QAM	8	7	20.58	20.65	20.75		
3	64QAM	15	0	20.89	20.78	20.74		
3	256QAM	1	0	19.14	19.12	19.17		
3	256QAM	1	8	19.23	19.30	19.13	20	3
3	256QAM	1	14	19.01	19.05	18.93		
3	256QAM	8	0	19.09	18.97	19.05		
3	256QAM	8	4	18.81	18.93	18.92	20	3
3	256QAM	8	7	18.79	18.83	18.94		
3	256QAM	15	0	18.94	18.81	18.93		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.07	22.10	22.11	23	0
1.4	QPSK	1	3	22.11	21.96	22.09		
1.4	QPSK	1	5	21.90	21.99	21.97		
1.4	QPSK	3	0	22.11	22.16	21.92		
1.4	QPSK	3	1	21.82	21.89	21.95		
1.4	QPSK	3	3	21.88	21.85	21.82		
1.4	QPSK	6	0	21.95	21.90	21.97	23	0
1.4	16QAM	1	0	21.97	21.97	22.03	23	0
1.4	16QAM	1	3	21.97	22.08	22.10		
1.4	16QAM	1	5	21.87	21.94	21.97		
1.4	16QAM	3	0	21.91	22.11	21.95		
1.4	16QAM	3	1	21.98	21.98	21.96		
1.4	16QAM	3	3	21.76	21.77	21.76		
1.4	16QAM	6	0	22.02	22.05	21.92	23	0
1.4	64QAM	1	0	21.86	21.95	22.03	23	0
1.4	64QAM	1	3	22.03	22.05	21.93		
1.4	64QAM	1	5	22.00	22.07	21.96		
1.4	64QAM	3	0	21.87	21.95	21.94		
1.4	64QAM	3	1	22.02	22.04	21.95		
1.4	64QAM	3	3	21.91	22.03	21.92		
1.4	64QAM	6	0	20.82	20.86	20.86	22	1
1.4	256QAM	1	0	19.12	19.11	19.13	20	3
1.4	256QAM	1	3	19.20	19.24	19.17		
1.4	256QAM	1	5	19.01	19.03	18.94		
1.4	256QAM	3	0	19.03	19.05	19.02		
1.4	256QAM	3	1	18.84	18.85	18.88		
1.4	256QAM	3	3	18.75	18.86	18.80		
1.4	256QAM	6	0	18.92	18.98	18.86	20	3

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		13.98		15.1	0
10	QPSK	1	25		13.94			
10	QPSK	1	49		13.96			
10	QPSK	25	0		13.94			
10	QPSK	25	12		13.80		15.1	0
10	QPSK	25	25		13.74			
10	QPSK	50	0		13.83			
10	16QAM	1	0		13.80			
10	16QAM	1	25		13.73		15.1	0
10	16QAM	1	49		13.79			
10	16QAM	25	0		13.90			
10	16QAM	25	12		13.80		15.1	0
10	16QAM	25	25		13.84			
10	16QAM	50	0		13.71			
10	64QAM	1	0		13.79			
10	64QAM	1	25		13.83		15.1	0
10	64QAM	1	49		13.73			
10	64QAM	25	0		13.81			
10	64QAM	25	12		13.79		15.1	0
10	64QAM	25	25		13.75			
10	64QAM	50	0		13.74			
10	256QAM	1	0		13.79			
10	256QAM	1	25		13.78		15.1	0
10	256QAM	1	49		13.64			
10	256QAM	25	0		13.73			
10	256QAM	25	12		13.69		15.1	0
10	256QAM	25	25		13.60			
10	256QAM	50	0		13.61			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	13.91	13.95	13.87	15.1	0
5	QPSK	1	12	13.86	13.88	13.83		
5	QPSK	1	24	13.80	13.89	13.81		
5	QPSK	12	0	13.83	13.88	13.78		
5	QPSK	12	7	13.65	13.68	13.62	15.1	0
5	QPSK	12	13	13.63	13.67	13.60		
5	QPSK	25	0	13.76	13.79	13.72		
5	16QAM	1	0	13.67	13.71	13.63		
5	16QAM	1	12	13.61	13.65	13.58	15.1	0
5	16QAM	1	24	13.71	13.75	13.71		
5	16QAM	12	0	13.83	13.76	13.79		
5	16QAM	12	7	13.77	13.80	13.77	15.1	0
5	16QAM	12	13	13.67	13.74	13.71		
5	16QAM	25	0	13.57	13.65	13.60		
5	64QAM	1	0	13.69	13.66	13.73		
5	64QAM	1	12	13.70	13.73	13.64	15.1	0
5	64QAM	1	24	13.70	13.78	13.75		
5	64QAM	12	0	13.67	13.76	13.77		
5	64QAM	12	7	13.74	13.65	13.71	15.1	0
5	64QAM	12	13	13.62	13.65	13.67		
5	64QAM	25	0	13.60	13.61	13.70

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	17.59	17.63	17.56	19.2	0
20	QPSK	1	49	17.50	17.55	17.40		
20	QPSK	1	99	17.39	17.53	17.45		
20	QPSK	50	0	17.40	17.55	17.48		
20	QPSK	50	24	17.35	17.44	17.31		
20	QPSK	50	50	17.27	17.36	17.26		
20	QPSK	100	0	17.34	17.40	17.35		
20	16QAM	1	0	17.38	17.44	17.32		
20	16QAM	1	49	17.31	17.36	17.27		
20	16QAM	1	99	17.33	17.43	17.36		
20	16QAM	50	0	17.27	17.53	17.32		
20	16QAM	50	24	17.30	17.42	17.36		
20	16QAM	50	50	17.44	17.45	17.37		
20	16QAM	100	0	17.24	17.38	17.25		
20	64QAM	1	0	17.22	17.36	17.34		
20	64QAM	1	49	17.33	17.44	17.30		
20	64QAM	1	99	17.29	17.48	17.39		
20	64QAM	50	0	17.33	17.41	17.34		
20	64QAM	50	24	17.28	17.43	17.28		
20	64QAM	50	50	17.22	17.37	17.26		
20	64QAM	100	0	17.30	17.37	17.30		
20	256QAM	1	0	17.37	17.58	17.39		
20	256QAM	1	49	17.34	17.58	17.39		
20	256QAM	1	99	17.26	17.38	17.35		
20	256QAM	50	0	17.42	17.57	17.46		
20	256QAM	50	24	17.36	17.42	17.34		
20	256QAM	50	50	17.25	17.36	17.28		
20	256QAM	100	0	17.41	17.52	17.39		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	17.51	17.59	17.52	19.2	0
15	QPSK	1	37	17.44	17.49	17.36		
15	QPSK	1	74	17.32	17.51	17.36		
15	QPSK	36	0	17.37	17.48	17.43		
15	QPSK	36	20	17.28	17.40	17.27		
15	QPSK	36	39	17.24	17.32	17.28		
15	QPSK	75	0	17.29	17.35	17.28		
15	16QAM	1	0	17.33	17.38	17.29		
15	16QAM	1	37	17.25	17.34	17.23		
15	16QAM	1	74	17.24	17.37	17.30		
15	16QAM	36	0	17.21	17.49	17.25		
15	16QAM	36	20	17.20	17.34	17.29		
15	16QAM	36	39	17.36	17.36	17.28		
15	16QAM	75	0	17.28	17.32	17.21		
15	64QAM	1	0	17.28	17.30	17.24		
15	64QAM	1	37	17.25	17.42	17.24		
15	64QAM	1	74	17.23	17.45	17.34		
15	64QAM	36	0	17.27	17.33	17.24		
15	64QAM	36	20	17.24	17.37	17.22		
15	64QAM	36	39	17.28	17.30	17.22		
15	64QAM	75	0	17.22	17.32	17.26		
15	256QAM	1	0	17.32	17.53	17.30		
15	256QAM	1	37	17.25	17.52	17.31		
15	256QAM	1	74	17.28	17.34	17.28		
15	256QAM	36	0	17.38	17.53	17.38		
15	256QAM	36	20	17.31	17.38	17.29		
15	256QAM	36	39	17.28	17.29	17.20		
15	256QAM	75	0	17.33	17.43	17.29		
Channel				37600	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	17.57	17.59	17.51	19.2	0
10	QPSK	1	25	17.44	17.51	17.31		
10	QPSK	1	49	17.34	17.49	17.37		
10	QPSK	25	0	17.32	17.49	17.44		
10	QPSK	25	12	17.27	17.38	17.28		
10	QPSK	25	25	17.23	17.27	17.23		
10	QPSK	50	0	17.29	17.32	17.28		
10	16QAM	1	0	17.35	17.42	17.22		
10	16QAM	1	25	17.21	17.29	17.23		
10	16QAM	1	49	17.25	17.40	17.29		
10	16QAM	25	0	17.22	17.45	17.29		
10	16QAM	25	12	17.23	17.37	17.33		
10	16QAM	25	25	17.42	17.38	17.30		
10	16QAM	50	0	17.20	17.33	17.21		
10	64QAM	1	0	17.23	17.31	17.31		
10	64QAM	1	25	17.25	17.38	17.21		
10	64QAM	1	49	17.26	17.40	17.31		
10	64QAM	25	0	17.26	17.33	17.27		
10	64QAM	25	12	17.24	17.36	17.20		
10	64QAM	25	25	17.23	17.28	17.22		
10	64QAM	50	0	17.26	17.34	17.26		
10	256QAM	1	0	17.34	17.50	17.34		
10	256QAM	1	25	17.24	17.55	17.31		
10	256QAM	1	49	17.22	17.35	17.29		
10	256QAM	25	0	17.39	17.50	17.37		
10	256QAM	25	12	17.28	17.36	17.25		
10	256QAM	25	25	17.21	17.34	17.25		
10	256QAM	50	0	17.37	17.46	17.36		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	17.55	17.53	17.50	19.2	0
5	QPSK	1	12	17.47	17.46	17.33		
5	QPSK	1	24	17.35	17.45	17.36		
5	QPSK	12	0	17.35	17.45	17.38		
5	QPSK	12	7	17.32	17.39	17.23		
5	QPSK	12	13	17.52	17.31	17.32		
5	QPSK	25	0	17.26	17.33	17.27		
5	16QAM	1	0	17.32	17.37	17.27		
5	16QAM	1	12	17.28	17.31	17.23		
5	16QAM	1	24	17.30	17.39	17.28		
5	16QAM	12	0	17.24	17.45	17.29		
5	16QAM	12	7	17.20	17.35	17.29		
5	16QAM	12	13	17.41	17.41	17.32		
5	16QAM	25	0	17.37	17.34	17.20		
5	64QAM	1	0	17.37	17.34	17.31		
5	64QAM	1	12	17.29	17.37	17.26		
5	64QAM	1	24	17.27	17.43	17.37		
5	64QAM	12	0	17.25	17.34	17.25		
5	64QAM	12	7	17.22	17.34	17.22		
5	64QAM	12	13	17.52	17.33	17.21		
5	64QAM	25	0	17.27	17.29	17.22		
5	256QAM	1	0	17.30	17.52	17.34		
5	256QAM	1	12	17.31	17.49	17.34		
5	256QAM	1	24	17.23	17.35	17.30		
5	256QAM	12	0	17.38	17.54	17.43		
5	256QAM	12	7	17.32	17.39	17.26		
5	256QAM	12	13	17.21	17.32	17.24		
5	256QAM	25	0	17.35	17.50	17.32		

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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	17.78	17.81	17.98	17.76	17.70	19.2	0
20	QPSK	1	49	17.68	17.73	17.78	17.67	17.73		
20	QPSK	1	99	17.72	17.63	17.74	17.71	17.66		
20	QPSK	50	0	17.68	17.63	17.80	17.77	17.68		
20	QPSK	50	24	17.54	17.54	17.70	17.56	17.65		
20	QPSK	50	50	17.62	17.53	17.72	17.58	17.56		
20	QPSK	100	0	17.55	17.61	17.66	17.56	17.57		
20	16QAM	1	0	17.73	17.69	17.77	17.62	17.57		
20	16QAM	1	49	17.51	17.58	17.66	17.42	17.57		
20	16QAM	1	99	17.64	17.64	17.56	17.56	17.66		
20	16QAM	50	0	17.56	17.57	17.71	17.57	17.66		
20	16QAM	50	24	17.52	17.54	17.69	17.56	17.65		
20	16QAM	50	50	17.62	17.61	17.63	17.62	17.64		
20	16QAM	100	0	17.38	17.44	17.65	17.50	17.52		
20	64QAM	1	0	17.41	17.53	17.67	17.55	17.47		
20	64QAM	1	49	17.51	17.56	17.65	17.58	17.53		
20	64QAM	1	99	17.54	17.66	17.74	17.52	17.66		
20	64QAM	50	0	17.65	17.63	17.68	17.68	17.62		
20	64QAM	50	24	17.53	17.49	17.65	17.54	17.51		
20	64QAM	50	50	17.49	17.46	17.58	17.52	17.53		
20	64QAM	100	0	17.63	17.59	17.59	17.54	17.63		
20	256QAM	1	0	17.35	17.44	17.61	17.45	17.44		
20	256QAM	1	49	17.46	17.49	17.57	17.49	17.45	19	0.2
20	256QAM	1	99	17.45	17.59	17.71	17.48	17.56		
20	256QAM	50	0	17.58	17.56	17.65	17.63	17.54		
20	256QAM	50	24	17.48	17.41	17.57	17.50	17.42		
20	256QAM	50	50	17.45	17.39	17.52	17.44	17.45		
20	256QAM	100	0	17.59	17.56	17.52	17.51	17.58		
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	17.70	17.75	17.93	17.68	17.60	19.20	0
15	QPSK	1	37	17.59	17.65	17.76	17.60	17.64		
15	QPSK	1	74	17.63	17.54	17.71	17.62	17.60		
15	QPSK	36	0	17.64	17.56	17.74	17.73	17.59		
15	QPSK	36	20	17.48	17.46	17.61	17.53	17.62		
15	QPSK	36	39	17.59	17.44	17.67	17.52	17.50		
15	QPSK	75	0	17.52	17.59	17.58	17.51	17.53		
15	16QAM	1	0	17.63	17.64	17.72	17.57	17.49		
15	16QAM	1	37	17.41	17.49	17.62	17.37	17.50		
15	16QAM	1	74	17.61	17.55	17.51	17.53	17.62		
15	16QAM	36	0	17.50	17.51	17.63	17.50	17.64		
15	16QAM	36	20	17.45	17.46	17.63	17.48	17.56		
15	16QAM	36	39	17.58	17.52	17.55	17.55	17.58		
15	16QAM	75	0	17.30	17.39	17.61	17.47	17.46		
15	64QAM	1	0	17.36	17.45	17.58	17.48	17.41		
15	64QAM	1	37	17.44	17.49	17.61	17.48	17.53		
15	64QAM	1	74	17.45	17.60	17.72	17.45	17.59		
15	64QAM	36	0	17.56	17.56	17.60	17.64	17.54		
15	64QAM	36	20	17.43	17.41	17.62	17.50	17.44		
15	64QAM	36	39	17.42	17.40	17.53	17.45	17.47		
15	64QAM	75	0	17.57	17.50	17.56	17.44	17.58		
15	256QAM	1	0	17.32	17.50	17.59	17.48	17.43		
15	256QAM	1	37	17.45	17.51	17.57	17.55	17.50		
15	256QAM	1	74	17.46	17.63	17.67	17.46	17.57		
15	256QAM	36	0	17.58	17.56	17.59	17.58	17.60		
15	256QAM	36	20	17.50	17.42	17.61	17.51	17.49		
15	256QAM	36	39	17.46	17.41	17.53	17.42	17.47		
15	256QAM	75	0	17.60	17.55	17.53	17.51	17.60		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	17.75	17.74	17.92	17.67	17.63	19.20	0
10	QPSK	1	25	17.61	17.64	17.75	17.63	17.65		
10	QPSK	1	49	17.62	17.57	17.69	17.64	17.64		
10	QPSK	25	0	17.64	17.55	17.77	17.70	17.61		
10	QPSK	25	12	17.44	17.48	17.67	17.53	17.61		
10	QPSK	25	25	17.53	17.48	17.65	17.56	17.51		
10	QPSK	50	0	17.52	17.59	17.62	17.50	17.53		
10	16QAM	1	0	17.70	17.64	17.73	17.54	17.48		
10	16QAM	1	25	17.41	17.53	17.61	17.33	17.47		
10	16QAM	1	49	17.57	17.61	17.51	17.51	17.64		
10	16QAM	25	0	17.47	17.49	17.69	17.49	17.63		
10	16QAM	25	12	17.46	17.46	17.65	17.47	17.56		
10	16QAM	25	25	17.54	17.52	17.60	17.54	17.59		
10	16QAM	50	0	17.31	17.34	17.58	17.44	17.42		
10	64QAM	1	0	17.32	17.51	17.62	17.49	17.44		
10	64QAM	1	25	17.46	17.46	17.59	17.52	17.50		
10	64QAM	1	49	17.46	17.62	17.66	17.46	17.63		
10	64QAM	25	0	17.56	17.59	17.62	17.60	17.54		
10	64QAM	25	12	17.43	17.43	17.59	17.49	17.47		
10	64QAM	25	25	17.42	17.41	17.55	17.48	17.49		
10	64QAM	50	0	17.56	17.51	17.53	17.48	17.53		
10	256QAM	1	0	17.32	17.48	17.58	17.46	17.41		
10	256QAM	1	25	17.46	17.51	17.56	17.53	17.46	19	0.2
10	256QAM	1	49	17.51	17.60	17.71	17.46	17.60		
10	256QAM	25	0	17.58	17.55	17.59	17.64	17.53		
10	256QAM	25	12	17.48	17.43	17.60	17.52	17.43	19	0.2
10	256QAM	25	25	17.40	17.39	17.48	17.45	17.45		
10	256QAM	50	0	17.53	17.56	17.51	17.46	17.55		
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	17.75	17.78	17.92	17.69	17.67	19.20	0
5	QPSK	1	12	17.59	17.70	17.70	17.59	17.64		
5	QPSK	1	24	17.62	17.55	17.69	17.64	17.62		
5	QPSK	12	0	17.58	17.59	17.74	17.74	17.65		
5	QPSK	12	7	17.51	17.44	17.62	17.49	17.60		
5	QPSK	12	13	17.54	17.43	17.64	17.53	17.46		
5	QPSK	25	0	17.46	17.53	17.57	17.48	17.52		
5	16QAM	1	0	17.65	17.64	17.74	17.52	17.47		
5	16QAM	1	12	17.48	17.52	17.59	17.33	17.49		
5	16QAM	1	24	17.57	17.56	17.52	17.52	17.57		
5	16QAM	12	0	17.47	17.50	17.63	17.52	17.64		
5	16QAM	12	7	17.46	17.50	17.62	17.52	17.60		
5	16QAM	12	13	17.56	17.57	17.59	17.55	17.54		
5	16QAM	25	0	17.32	17.34	17.59	17.42	17.46		
5	64QAM	1	0	17.38	17.50	17.58	17.52	17.44		
5	64QAM	1	12	17.44	17.52	17.59	17.48	17.46		
5	64QAM	1	24	17.49	17.59	17.65	17.48	17.60		
5	64QAM	12	0	17.62	17.58	17.63	17.65	17.60		
5	64QAM	12	7	17.48	17.46	17.60	17.51	17.46		
5	64QAM	12	13	17.44	17.37	17.55	17.46	17.46		
5	64QAM	25	0	17.58	17.57	17.57	17.50	17.54		
5	256QAM	1	0	17.39	17.44	17.59	17.49	17.44		
5	256QAM	1	12	17.47	17.51	17.56	17.49	17.47	19	0.2
5	256QAM	1	24	17.51	17.61	17.70	17.46	17.60		
5	256QAM	12	0	17.60	17.58	17.64	17.61	17.53		
5	256QAM	12	7	17.50	17.41	17.56	17.46	17.41	19	0.2
5	256QAM	12	13	17.45	17.39	17.54	17.47	17.46		
5	256QAM	25	0	17.55	17.52	17.49	17.52	17.55		

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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	19.52	19.47	19.62	19.31	19.53	20.8	0
20	QPSK	1	49	19.44	19.26	19.52	19.37	19.45		
20	QPSK	1	99	19.34	19.32	19.48	19.41	19.38		
20	QPSK	50	0	19.42	19.40	19.55	19.45	19.26	20.8	0
20	QPSK	50	24	19.42	19.41	19.45	19.38	19.50		
20	QPSK	50	50	19.51	19.31	19.44	19.30	19.42		
20	QPSK	100	0	19.30	19.31	19.51	19.39	19.46		
20	16QAM	1	0	19.43	19.30	19.43	19.33	19.32	20.8	0
20	16QAM	1	49	19.32	19.43	19.44	19.28	19.49		
20	16QAM	1	99	19.42	19.37	19.39	19.34	19.43		
20	16QAM	50	0	19.36	19.29	19.44	19.37	19.50	20.8	0
20	16QAM	50	24	19.45	19.26	19.47	19.32	19.32		
20	16QAM	50	50	19.47	19.42	19.50	19.46	19.35		
20	16QAM	100	0	19.36	19.21	19.49	19.30	19.41		
20	64QAM	1	0	19.43	19.22	19.46	19.35	19.31	20.8	0
20	64QAM	1	49	19.49	19.41	19.51	19.28	19.55		
20	64QAM	1	99	19.37	19.34	19.34	19.49	19.40		
20	64QAM	50	0	19.42	19.20	19.45	19.46	19.39	20.8	0
20	64QAM	50	24	19.43	19.42	19.35	19.27	19.33		
20	64QAM	50	50	19.49	19.34	19.54	19.24	19.45		
20	64QAM	100	0	19.47	19.38	19.47	19.38	19.37		
20	256QAM	1	0	19.40	19.28	19.49	19.44	19.36	20.8	0
20	256QAM	1	49	19.39	19.38	19.53	19.30	19.49		
20	256QAM	1	99	19.37	19.23	19.42	19.45	19.34		
20	256QAM	50	0	19.44	19.20	19.52	19.36	19.32	20.8	0
20	256QAM	50	24	19.51	19.32	19.42	19.31	19.40		
20	256QAM	50	50	19.49	19.29	19.51	19.23	19.34		
20	256QAM	100	0	19.41	19.38	19.44	19.43	19.47		
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	19.49	19.35	19.59	19.25	19.39	20.8	0
15	QPSK	1	37	19.32	19.16	19.49	19.26	19.41		
15	QPSK	1	74	19.28	19.24	19.43	19.34	19.30		
15	QPSK	36	0	19.30	19.34	19.42	19.42	19.22	20.8	0
15	QPSK	36	20	19.37	19.36	19.38	19.32	19.40		
15	QPSK	36	39	19.46	19.18	19.39	19.20	19.40		
15	QPSK	75	0	19.26	19.22	19.46	19.28	19.36		
15	16QAM	1	0	19.34	19.21	19.39	19.22	19.20	20.8	0
15	16QAM	1	37	19.27	19.36	19.40	19.15	19.46		
15	16QAM	1	74	19.38	19.25	19.30	19.21	19.32		
15	16QAM	36	0	19.23	19.19	19.35	19.27	19.46	20.8	0
15	16QAM	36	20	19.41	19.22	19.38	19.27	19.30		
15	16QAM	36	39	19.41	19.32	19.45	19.37	19.29		
15	16QAM	75	0	19.34	19.12	19.43	19.23	19.35		
15	64QAM	1	0	19.40	19.19	19.39	19.30	19.29	20.8	0
15	64QAM	1	37	19.39	19.38	19.48	19.25	19.51		
15	64QAM	1	74	19.32	19.25	19.28	19.39	19.36		
15	64QAM	36	0	19.40	19.15	19.39	19.40	19.34	20.8	0
15	64QAM	36	20	19.29	19.34	19.23	19.18	19.23		
15	64QAM	36	39	19.37	19.28	19.42	19.17	19.34		
15	64QAM	75	0	19.45	19.34	19.45	19.26	19.30		
15	256QAM	1	0	19.35	19.21	19.39	19.30	19.33	20.8	0
15	256QAM	1	37	19.33	19.30	19.48	19.26	19.43		
15	256QAM	1	74	19.35	19.13	19.28	19.39	19.30		
15	256QAM	36	0	19.41	19.13	19.41	19.23	19.21	20.8	0
15	256QAM	36	20	19.43	19.24	19.35	19.28	19.32		
15	256QAM	36	39	19.46	19.19	19.43	19.12	19.22		
15	256QAM	75	0	19.36	19.25	19.32	19.36	19.42		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	19.46	19.41	19.55	19.23	19.43	20.8	0
10	QPSK	1	25	19.41	19.13	19.45	19.34	19.32		
10	QPSK	1	49	19.26	19.24	19.43	19.31	19.32		
10	QPSK	25	0	19.29	19.28	19.47	19.36	19.15	20.8	0
10	QPSK	25	12	19.31	19.34	19.38	19.27	19.40		
10	QPSK	25	25	19.42	19.26	19.35	19.26	19.35		
10	QPSK	50	0	19.27	19.22	19.39	19.34	19.41		
10	16QAM	1	0	19.34	19.24	19.29	19.29	19.20	20.8	0
10	16QAM	1	25	19.27	19.31	19.35	19.18	19.37		
10	16QAM	1	49	19.37	19.33	19.36	19.20	19.39		
10	16QAM	25	0	19.34	19.22	19.35	19.29	19.44	20.8	0
10	16QAM	25	12	19.35	19.23	19.41	19.29	19.21		
10	16QAM	25	25	19.36	19.40	19.41	19.35	19.23		
10	16QAM	50	0	19.33	19.17	19.43	19.28	19.37		
10	64QAM	1	0	19.29	19.11	19.43	19.22	19.28	20.8	0
10	64QAM	1	25	19.40	19.29	19.38	19.20	19.52		
10	64QAM	1	49	19.31	19.22	19.24	19.45	19.27		
10	64QAM	25	0	19.34	19.17	19.36	19.42	19.27	20.8	0
10	64QAM	25	12	19.39	19.29	19.32	19.16	19.30		
10	64QAM	25	25	19.45	19.27	19.47	19.18	19.41		
10	64QAM	50	0	19.37	19.32	19.35	19.27	19.30		
10	256QAM	1	0	19.30	19.15	19.44	19.38	19.34	20.8	0
10	256QAM	1	25	19.28	19.30	19.44	19.26	19.37		
10	256QAM	1	49	19.27	19.12	19.39	19.33	19.28		
10	256QAM	25	0	19.37	19.18	19.39	19.27	19.21	20.8	0
10	256QAM	25	12	19.48	19.28	19.32	19.27	19.32		
10	256QAM	25	25	19.42	19.24	19.42	19.12	19.31		
10	256QAM	50	0	19.36	19.27	19.31	19.38	19.35		
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	19.46	19.41	19.50	19.18	19.46	20.8	0
5	QPSK	1	12	19.32	19.13	19.42	19.27	19.40		
5	QPSK	1	24	19.20	19.26	19.34	19.30	19.35		
5	QPSK	12	0	19.30	19.29	19.45	19.35	19.18	20.8	0
5	QPSK	12	7	19.29	19.28	19.43	19.25	19.39		
5	QPSK	12	13	19.41	19.27	19.32	19.28	19.32		
5	QPSK	25	0	19.26	19.21	19.49	19.29	19.35	20.8	0
5	16QAM	1	0	19.40	19.22	19.31	19.23	19.20		
5	16QAM	1	12	19.29	19.35	19.32	19.22	19.39		
5	16QAM	1	24	19.31	19.33	19.27	19.25	19.36		
5	16QAM	12	0	19.30	19.16	19.35	19.26	19.45	20.8	0
5	16QAM	12	7	19.36	19.18	19.44	19.21	19.24		
5	16QAM	12	13	19.39	19.29	19.47	19.43	19.27		
5	16QAM	25	0	19.25	19.17	19.45	19.21	19.30	20.8	0
5	64QAM	1	0	19.32	19.10	19.44	19.33	19.27		
5	64QAM	1	12	19.37	19.33	19.41	19.19	19.42		
5	64QAM	1	24	19.29	19.30	19.24	19.46	19.26		
5	64QAM	12	0	19.29	19.15	19.32	19.34	19.34	20.8	0
5	64QAM	12	7	19.31	19.35	19.28	19.21	19.25		
5	64QAM	12	13	19.42	19.23	19.43	19.12	19.40		
5	64QAM	25	0	19.34	19.28	19.42	19.29	19.32		
5	256QAM	1	0	19.32	19.19	19.35	19.37	19.30	20.8	0
5	256QAM	1	12	19.26	19.31	19.48	19.22	19.40		
5	256QAM	1	24	19.28	19.15	19.35	19.37	19.31		
5	256QAM	12	0	19.33	19.17	19.39	19.25	19.28	20.8	0
5	256QAM	12	7	19.43	19.22	19.37	19.21	19.30		
5	256QAM	12	13	19.36	19.17	19.49	19.13	19.20		
5	256QAM	25	0	19.27	19.24	19.33	19.30	19.43		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	18.56	18.59	18.51	18.45	19.8	0
20	QPSK	1	49	18.42	18.56	18.43	18.41		
20	QPSK	1	99	18.47	18.53	18.47	18.38		
20	QPSK	50	0	18.37	18.53	18.39	18.39	19.8	0
20	QPSK	50	24	18.33	18.51	18.30	18.30		
20	QPSK	50	50	18.29	18.35	18.23	18.27		
20	QPSK	100	0	18.42	18.45	18.43	18.40		
20	16QAM	1	0	18.37	18.54	18.37	18.36	19.8	0
20	16QAM	1	49	18.39	18.32	18.26	18.30		
20	16QAM	1	99	18.40	18.45	18.28	18.34		
20	16QAM	50	0	18.35	18.47	18.37	18.30	19.8	0
20	16QAM	50	24	18.32	18.39	18.40	18.38		
20	16QAM	50	50	18.43	18.47	18.32	18.31		
20	16QAM	100	0	18.28	18.42	18.33	18.33		
20	64QAM	1	0	18.29	18.34	18.36	18.33	19.8	0
20	64QAM	1	49	18.36	18.42	18.34	18.29		
20	64QAM	1	99	18.29	18.43	18.38	18.29		
20	64QAM	50	0	18.27	18.49	18.39	18.32	19.5	0.3
20	64QAM	50	24	18.24	18.44	18.36	18.28		
20	64QAM	50	50	18.23	18.32	18.24	18.23		
20	64QAM	100	0	18.30	18.45	18.33	18.40		
20	256QAM	1	0	16.91	17.07	16.92	16.95	17.5	2.3
20	256QAM	1	49	16.82	17.07	16.83	16.95		
20	256QAM	1	99	16.86	16.83	16.83	16.79		
20	256QAM	50	0	16.99	17.15	17.06	17.02	17.5	2.3
20	256QAM	50	24	16.91	17.01	16.99	16.92		
20	256QAM	50	50	16.92	16.99	16.91	16.94		
20	256QAM	100	0	17.08	17.22	17.03	17.17		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	18.43	18.56	18.39	18.42	19.8	0
15	QPSK	1	37	18.30	18.45	18.31	18.32		
15	QPSK	1	74	18.37	18.47	18.42	18.32		
15	QPSK	36	0	18.24	18.41	18.35	18.30	19.8	0
15	QPSK	36	20	18.27	18.47	18.18	18.16		
15	QPSK	36	39	18.15	18.29	18.11	18.22		
15	QPSK	75	0	18.31	18.34	18.38	18.31		
15	16QAM	1	0	18.25	18.48	18.27	18.27	19.8	0
15	16QAM	1	37	18.27	18.28	18.21	18.23		
15	16QAM	1	74	18.36	18.31	18.17	18.24		
15	16QAM	36	0	18.32	18.44	18.32	18.22	19.8	0
15	16QAM	36	20	18.26	18.33	18.29	18.28		
15	16QAM	36	39	18.30	18.35	18.28	18.28		
15	16QAM	75	0	18.16	18.36	18.30	18.27		
15	64QAM	1	0	18.20	18.23	18.25	18.23	19.8	0
15	64QAM	1	37	18.31	18.32	18.21	18.19		
15	64QAM	1	74	18.23	18.37	18.30	18.15		
15	64QAM	36	0	18.16	18.43	18.34	18.21	19.5	0.3
15	64QAM	36	20	18.16	18.36	18.29	18.16		
15	64QAM	36	39	18.10	18.23	18.15	18.15		
15	64QAM	75	0	18.24	18.36	18.25	18.32		
15	256QAM	1	0	16.81	17.03	16.79	16.91	17.5	2.3
15	256QAM	1	37	16.67	17.01	16.74	16.81		
15	256QAM	1	74	16.77	16.68	16.73	16.73		
15	256QAM	36	0	16.90	17.03	17.02	16.91	17.5	2.3
15	256QAM	36	20	16.87	16.94	16.95	16.87		
15	256QAM	36	39	16.79	16.92	16.83	16.91		
15	256QAM	75	0	17.03	17.10	16.90	17.11		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	18.42	18.52	18.37	18.30	19.8	0
10	QPSK	1	25	18.28	18.47	18.30	18.30		
10	QPSK	1	49	18.38	18.40	18.42	18.26		
10	QPSK	25	0	18.26	18.39	18.31	18.29	19.8	0
10	QPSK	25	12	18.28	18.44	18.22	18.22		
10	QPSK	25	25	18.20	18.24	18.11	18.21		
10	QPSK	50	0	18.38	18.30	18.32	18.32		
10	16QAM	1	0	18.32	18.44	18.28	18.30	19.8	0
10	16QAM	1	25	18.28	18.21	18.21	18.20		
10	16QAM	1	49	18.28	18.35	18.17	18.26		
10	16QAM	25	0	18.27	18.37	18.30	18.17	19.8	0
10	16QAM	25	12	18.26	18.25	18.31	18.23		
10	16QAM	25	25	18.33	18.39	18.18	18.23		
10	16QAM	50	0	18.19	18.34	18.29	18.27		
10	64QAM	1	0	18.20	18.22	18.31	18.23	19.8	0
10	64QAM	1	25	18.27	18.37	18.20	18.20		
10	64QAM	1	49	18.19	18.32	18.27	18.22		
10	64QAM	25	0	18.16	18.43	18.33	18.26	19.5	0.3
10	64QAM	25	12	18.13	18.41	18.27	18.21		
10	64QAM	25	25	18.17	18.25	18.09	18.16		
10	64QAM	50	0	18.22	18.41	18.27	18.32		
10	256QAM	1	0	16.82	16.96	16.84	16.87	17.5	2.3
10	256QAM	1	25	16.77	16.93	16.77	16.81		
10	256QAM	1	49	16.83	16.72	16.70	16.71		
10	256QAM	25	0	16.89	17.02	16.98	16.94	17.5	2.3
10	256QAM	25	12	16.88	16.96	16.92	16.78		
10	256QAM	25	25	16.79	16.86	16.81	16.81		
10	256QAM	50	0	16.98	17.17	16.89	17.05		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	18.45	18.49	18.39	18.33	19.8	0
5	QPSK	1	12	18.29	18.40	18.38	18.36		
5	QPSK	1	24	18.32	18.38	18.33	18.27		
5	QPSK	12	0	18.27	18.39	18.32	18.35	19.8	0
5	QPSK	12	7	18.19	18.44	18.17	18.21		
5	QPSK	12	13	18.18	18.23	18.17	18.19		
5	QPSK	25	0	18.28	18.35	18.36	18.34	19.8	0
5	16QAM	1	0	18.28	18.47	18.22	18.33		
5	16QAM	1	12	18.34	18.29	18.19	18.20		
5	16QAM	1	24	18.35	18.41	18.19	18.28		
5	16QAM	12	0	18.23	18.40	18.25	18.20	19.8	0
5	16QAM	12	7	18.18	18.30	18.30	18.30		
5	16QAM	12	13	18.38	18.43	18.28	18.25		
5	16QAM	25	0	18.22	18.34	18.25	18.28	19.8	0
5	64QAM	1	0	18.20	18.30	18.29	18.19		
5	64QAM	1	12	18.29	18.32	18.24	18.23		
5	64QAM	1	24	18.25	18.40	18.25	18.24		
5	64QAM	12	0	18.13	18.45	18.34	18.27	19.5	0.3
5	64QAM	12	7	18.19	18.33	18.27	18.21		
5	64QAM	12	13	18.17	18.25	18.16	18.15		
5	64QAM	25	0	18.25	18.38	18.28	18.36		
5	256QAM	1	0	16.87	17.03	16.80	16.87	17.5	2.3
5	256QAM	1	12	16.70	16.92	16.69	16.83		
5	256QAM	1	24	16.73	16.76	16.73	16.71		
5	256QAM	12	0	16.94	17.02	16.92	16.94	17.5	2.3
5	256QAM	12	7	16.84	16.93	16.85	16.85		
5	256QAM	12	13	16.82	16.85	16.80	16.79		
5	256QAM	25	0	17.01	17.14	16.97	17.10		

	GSM1900 Ant3	DSI2_Standalone							
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	28.81	28.67	29.10	19.73	19.81	19.67	20.10
GPRS 1 Tx slot		28.64	28.76	28.68	29.10	19.64	19.76	19.68	20.10
GPRS 2 Tx slots		24.97	25.06	24.98	26.10	18.97	19.06	18.98	20.10
GPRS 3 Tx slots		22.72	22.81	22.70	24.30	18.46	18.55	18.44	20.04
GPRS 4 Tx slots		21.66	21.78	21.72	23.10	18.66	18.78	18.72	20.10
EDGE 1 Tx slot		25.06	25.13	24.99	26.00	16.06	16.13	15.99	17.00
EDGE 2 Tx slots		23.33	23.43	23.40	24.50	17.33	17.43	17.40	18.50
EDGE 3 Tx slots		22.21	22.35	22.25	23.50	17.95	18.09	17.99	19.24
EDGE 4 Tx slots		20.13	20.18	20.06	21.00	17.13	17.18	17.06	18.00

		DSI2_Standalone WCDMA II Ant3				DSI2_Standalone WCDMA IV Ant3			
Band		WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	17.92	17.97	17.92	19.90	19.20	19.34	19.32	20.70
3GPP Rel 99	RMC 12.2Kbps	17.91	17.99	17.93	19.90	19.34	19.48	19.37	20.70
3GPP Rel 6	HSDPA Subtest-1	17.05	17.10	17.03	18.90	18.30	18.44	18.47	19.70
3GPP Rel 6	HSDPA Subtest-2	17.06	17.12	17.05	18.90	18.33	18.52	18.24	19.70
3GPP Rel 6	HSDPA Subtest-3	16.57	16.54	16.43	18.40	18.01	17.86	17.80	19.20
3GPP Rel 6	HSDPA Subtest-4	16.40	16.60	16.52	18.40	17.81	17.94	17.93	19.20
3GPP Rel 8	DC-HSDPA Subtest-1	16.95	17.08	16.95	18.90	18.34	18.52	18.36	19.70
3GPP Rel 8	DC-HSDPA Subtest-2	16.95	17.06	17.08	18.90	18.32	18.43	18.44	19.70
3GPP Rel 8	DC-HSDPA Subtest-3	16.46	16.48	16.45	18.40	17.61	17.92	17.69	19.20
3GPP Rel 8	DC-HSDPA Subtest-4	16.44	16.51	16.44	18.40	17.71	17.90	17.71	19.20
3GPP Rel 6	HSUPA Subtest-1	17.03	17.19	16.95	18.90	18.44	18.62	18.33	19.70
3GPP Rel 6	HSUPA Subtest-2	15.13	15.09	15.13	16.90	16.55	16.44	16.46	17.70
3GPP Rel 6	HSUPA Subtest-3	16.11	16.01	15.95	17.90	17.49	17.40	17.38	18.70
3GPP Rel 6	HSUPA Subtest-4	14.93	15.14	15.13	16.90	16.27	16.57	16.43	17.70
3GPP Rel 6	HSUPA Subtest-5	16.93	16.92	16.92	18.90	18.31	18.32	18.28	19.70

Band 2 DSI2_Standalone Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	18.10	18.19	18.15	19.6	0
20	QPSK	1	49	18.05	18.16	17.98		
20	QPSK	1	99	18.03	18.17	18.07		
20	QPSK	50	0	18.02	18.10	18.09		
20	QPSK	50	24	17.86	18.07	17.92		
20	QPSK	50	50	17.91	17.99	17.82		
20	QPSK	100	0	17.98	18.01	17.99		
20	16QAM	1	0	18.01	18.06	17.99		
20	16QAM	1	49	17.93	17.96	17.86	19.6	0
20	16QAM	1	99	17.96	17.98	17.88		
20	16QAM	50	0	17.96	18.05	17.99		
20	16QAM	50	24	17.90	18.05	17.93	19.6	0
20	16QAM	50	50	17.95	18.10	17.96		
20	16QAM	100	0	17.87	17.99	17.91		
20	64QAM	1	0	17.86	17.96	17.95		
20	64QAM	1	49	17.92	17.98	17.99	19.6	0
20	64QAM	1	99	17.97	18.12	18.00		
20	64QAM	50	0	17.89	18.00	17.96		
20	64QAM	50	24	17.92	17.98	17.87	19.6	0
20	64QAM	50	50	17.83	17.91	17.89		
20	64QAM	100	0	17.97	17.98	17.82		
20	256QAM	1	0	17.85	17.95	17.88		
20	256QAM	1	49	17.76	17.94	17.86	19.6	0
20	256QAM	1	99	17.75	17.95	17.83		
20	256QAM	50	0	17.77	17.92	17.77		
20	256QAM	50	24	17.92	17.93	17.79	19.6	0
20	256QAM	50	50	17.72	17.77	17.85		
20	256QAM	100	0	17.70	17.89	17.79		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	18.00	18.09	18.07	19.6	0
15	QPSK	1	37	17.95	18.05	17.85		
15	QPSK	1	74	17.96	18.00	17.94		
15	QPSK	36	0	17.88	17.97	18.01		
15	QPSK	36	20	17.76	17.95	17.82		
15	QPSK	36	39	17.82	17.93	17.75		
15	QPSK	75	0	17.93	17.90	17.95		
15	16QAM	1	0	17.87	17.97	17.92		
15	16QAM	1	37	17.86	17.90	17.77	19.6	0
15	16QAM	1	74	17.87	17.92	17.74		
15	16QAM	36	0	17.86	17.96	17.94		
15	16QAM	36	20	17.84	17.96	17.90	19.6	0
15	16QAM	36	39	17.88	17.99	17.83		
15	16QAM	75	0	17.79	17.95	17.88		
15	64QAM	1	0	17.73	17.81	17.81		
15	64QAM	1	37	17.83	17.84	17.87	19.6	0
15	64QAM	1	74	17.85	18.08	17.90		
15	64QAM	36	0	17.85	17.96	17.88		
15	64QAM	36	20	17.87	17.83	17.75	19.6	0
15	64QAM	36	39	17.75	17.81	17.82		
15	64QAM	75	0	17.87	17.90	17.74		
15	256QAM	1	0	17.77	17.87	17.77		
15	256QAM	1	37	17.64	17.89	17.76	19.6	0
15	256QAM	1	74	17.66	17.88	17.71		
15	256QAM	36	0	17.64	17.84	17.67		
15	256QAM	36	20	17.77	17.86	17.68	19.6	0
15	256QAM	36	39	17.64	17.70	17.73		
15	256QAM	75	0	17.64	17.83	17.71		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1858	1880	1905		
10	QPSK	1	0	18.07	18.12	18.03	19.6	0
10	QPSK	1	25	17.97	18.07	17.94		
10	QPSK	1	49	17.97	17.99	18.04		
10	QPSK	25	0	17.97	18.05	18.00		
10	QPSK	25	12	17.74	18.00	17.87	19.6	0
10	QPSK	25	25	17.84	17.88	17.74		
10	QPSK	50	0	17.90	17.95	17.86		
10	16QAM	1	0	17.89	17.97	17.91		
10	16QAM	1	25	17.87	17.81	17.72	19.6	0
10	16QAM	1	49	17.90	17.83	17.83		
10	16QAM	25	0	17.86	17.92	17.92		
10	16QAM	25	12	17.85	17.99	17.87	19.6	0
10	16QAM	25	25	17.84	18.00	17.89		
10	16QAM	50	0	17.78	17.76	17.84		
10	64QAM	1	0	17.83	17.85	17.91		
10	64QAM	1	25	17.84	17.87	17.88	19.6	0
10	64QAM	1	49	17.86	18.07	17.89		
10	64QAM	25	0	17.75	17.96	17.88		
10	64QAM	25	12	17.84	17.94	17.74	19.6	0
10	64QAM	25	25	17.72	17.79	17.74		
10	64QAM	50	0	17.84	17.89	17.75		
10	256QAM	1	0	17.82	17.89	17.77		
10	256QAM	1	25	17.72	17.83	17.79	19.6	0
10	256QAM	1	49	17.64	17.90	17.68		
10	256QAM	25	0	17.67	17.83	17.65		
10	256QAM	25	12	17.78	17.85	17.73	19.6	0
10	256QAM	25	25	17.67	17.72	17.70		
10	256QAM	50	0	17.62	17.77	17.75		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	17.95	18.16	18.01	19.6	0
5	QPSK	1	12	17.99	18.05	17.90		
5	QPSK	1	24	17.88	17.98	18.01		
5	QPSK	12	0	17.97	17.97	18.05		
5	QPSK	12	7	17.74	17.98	17.82	19.6	0
5	QPSK	12	13	17.85	17.89	17.73		
5	QPSK	25	0	17.83	17.93	17.94		
5	16QAM	1	0	17.86	17.97	17.92		
5	16QAM	1	12	17.84	17.87	17.81	19.6	0
5	16QAM	1	24	17.82	17.90	17.77		
5	16QAM	12	0	17.90	17.91	17.91		
5	16QAM	12	7	17.84	18.01	17.81	19.6	0
5	16QAM	12	13	17.84	17.98	17.84		
5	16QAM	25	0	17.81	17.88	17.79		
5	64QAM	1	0	17.73	17.87	17.83		
5	64QAM	1	12	17.79	17.93	17.96	19.6	0
5	64QAM	1	24	17.84	17.97	17.91		
5	64QAM	12	0	17.81	17.96	17.88		
5	64QAM	12	7	17.87	17.90	17.83	19.6	0
5	64QAM	12	13	17.80	17.77	17.79		
5	64QAM	25	0	17.92	17.85	17.68		
5	256QAM	1	0	17.74	17.88	17.76		
5	256QAM	1	12	17.64	17.83	17.81	19.6	0
5	256QAM	1	24	17.63	17.85	17.76		
5	256QAM	12	0	17.72	17.84	17.63		
5	256QAM	12	7	17.85	17.86	17.68	19.6	0
5	256QAM	12	13	17.66	17.74	17.72		
5	256QAM	25	0	17.63	17.82	17.66		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	18.07	18.13	18.10	19.6	0
3	QPSK	1	8	18.00	18.03	17.88		
3	QPSK	1	14	17.98	18.06	17.93		
3	QPSK	8	0	17.96	18.01	17.99	19.6	0
3	QPSK	8	4	17.75	17.95	17.89		
3	QPSK	8	7	17.87	17.88	17.71		
3	QPSK	15	0	17.94	17.87	17.95		
3	16QAM	1	0	17.90	17.95	17.84		
3	16QAM	1	8	17.82	17.88	17.79	19.6	0
3	16QAM	1	14	17.91	17.86	17.81		
3	16QAM	8	0	17.83	17.91	17.94		
3	16QAM	8	4	17.79	17.98	17.87	19.6	0
3	16QAM	8	7	17.82	18.00	17.92		
3	16QAM	15	0	17.74	17.89	17.85		
3	64QAM	1	0	17.74	17.83	17.89		
3	64QAM	1	8	17.86	17.92	17.86	19.6	0
3	64QAM	1	14	17.87	18.00	17.95		
3	64QAM	8	0	17.75	17.89	17.83		
3	64QAM	8	4	17.83	17.83	17.78	19.6	0
3	64QAM	8	7	17.76	17.83	17.76		
3	64QAM	15	0	17.91	17.89	17.78		
3	256QAM	1	0	17.81	17.90	17.85		
3	256QAM	1	8	17.66	17.83	17.83	19.6	0
3	256QAM	1	14	17.64	17.88	17.73		
3	256QAM	8	0	17.72	17.86	17.73		
3	256QAM	8	4	17.87	17.83	17.85	19.6	0
3	256QAM	8	7	17.61	17.64	17.77		
3	256QAM	15	0	17.63	17.82	17.66		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	17.98	18.07	18.02	19.6	0
1.4	QPSK	1	3	18.00	18.03	17.90		
1.4	QPSK	1	5	17.98	18.00	17.96		
1.4	QPSK	3	0	17.96	18.05	18.05		
1.4	QPSK	3	1	17.77	17.96	17.86		
1.4	QPSK	3	3	17.77	17.89	17.69		
1.4	QPSK	6	0	17.95	17.87	17.91	19.6	0
1.4	16QAM	1	0	17.91	17.99	17.84	19.6	0
1.4	16QAM	1	3	17.82	17.83	17.72		
1.4	16QAM	1	5	17.82	17.85	17.74		
1.4	16QAM	3	0	17.90	17.94	17.96		
1.4	16QAM	3	1	17.76	17.92	17.86		
1.4	16QAM	3	3	17.87	18.06	17.86		
1.4	16QAM	6	0	17.80	17.84	17.85	19.6	0
1.4	64QAM	1	0	17.80	17.85	17.91	19.6	0
1.4	64QAM	1	3	17.84	17.85	17.92		
1.4	64QAM	1	5	17.93	18.03	17.90		
1.4	64QAM	3	0	17.86	17.91	17.87		
1.4	64QAM	3	1	17.84	17.90	17.80		
1.4	64QAM	3	3	17.74	17.87	17.77		
1.4	64QAM	6	0	17.89	17.92	17.70	19.6	0
1.4	256QAM	1	0	17.81	17.82	17.81	19.6	0
1.4	256QAM	1	3	17.65	17.90	17.77		
1.4	256QAM	1	5	17.63	17.85	17.71		
1.4	256QAM	3	0	17.63	17.83	17.65		
1.4	256QAM	3	1	17.79	17.88	17.70		
1.4	256QAM	3	3	17.62	17.66	17.72		
1.4	256QAM	6	0	17.63	17.83	17.73	19.6	0

Band 4 DSI2_Standalone Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	19.70	19.85	19.59	21.4	0
20	QPSK	1	49	19.57	19.70	19.51		
20	QPSK	1	99	19.53	19.71	19.46		
20	QPSK	50	0	19.55	19.73	19.66		
20	QPSK	50	24	19.56	19.48	19.40		
20	QPSK	50	50	19.56	19.55	19.53		
20	QPSK	100	0	19.61	19.64	19.49		
20	16QAM	1	0	19.59	19.65	19.60		
20	16QAM	1	49	19.41	19.56	19.56		
20	16QAM	1	99	19.65	19.47	19.51		
20	16QAM	50	0	19.52	19.79	19.62		
20	16QAM	50	24	19.62	19.76	19.52		
20	16QAM	50	50	19.50	19.55	19.59		
20	16QAM	100	0	19.69	19.60	19.51		
20	64QAM	1	0	19.49	19.63	19.45		
20	64QAM	1	49	19.56	19.65	19.63		
20	64QAM	1	99	19.47	19.53	19.54		
20	64QAM	50	0	19.46	19.52	19.60		
20	64QAM	50	24	19.44	19.63	19.54		
20	64QAM	50	50	19.54	19.50	19.55		
20	64QAM	100	0	19.46	19.75	19.48		
20	256QAM	1	0	19.52	19.69	19.60		
20	256QAM	1	49	19.44	19.69	19.45	21	0.4
20	256QAM	1	99	19.40	19.44	19.50		
20	256QAM	50	0	19.56	19.67	19.56		
20	256QAM	50	24	19.43	19.53	19.45		
20	256QAM	50	50	19.38	19.42	19.38		
20	256QAM	100	0	19.41	19.63	19.53		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	19.60	19.83	19.53	21.4	0
15	QPSK	1	37	19.51	19.61	19.49		
15	QPSK	1	74	19.45	19.62	19.41		
15	QPSK	36	0	19.48	19.68	19.60		
15	QPSK	36	20	19.50	19.44	19.52		
15	QPSK	36	39	19.54	19.52	19.50		
15	QPSK	75	0	19.58	19.58	19.41		
15	16QAM	1	0	19.56	19.56	19.51		
15	16QAM	1	37	19.52	19.52	19.52	21.4	0
15	16QAM	1	74	19.61	19.52	19.44		
15	16QAM	36	0	19.46	19.72	19.53		
15	16QAM	36	20	19.58	19.72	19.50	21.4	0
15	16QAM	36	39	19.43	19.47	19.56		
15	16QAM	75	0	19.59	19.56	19.44		
15	64QAM	1	0	19.43	19.55	19.52		
15	64QAM	1	37	19.48	19.58	19.60	21.4	0
15	64QAM	1	74	19.42	19.48	19.51		
15	64QAM	36	0	19.52	19.42	19.51		
15	64QAM	36	20	19.41	19.59	19.49	21.4	0
15	64QAM	36	39	19.46	19.47	19.50		
15	64QAM	75	0	19.43	19.49	19.42		
15	256QAM	1	0	19.45	19.58	19.46		
15	256QAM	1	37	19.39	19.64	19.42	21	0.4
15	256QAM	1	74	19.28	19.37	19.40		
15	256QAM	36	0	19.45	19.55	19.44		
15	256QAM	36	20	19.32	19.50	19.37	21	0.4
15	256QAM	36	39	19.23	19.29	19.28		
15	256QAM	75	0	19.30	19.55	19.47		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	19.67	19.75	19.52	21.4	0
10	QPSK	1	25	19.47	19.62	19.46		
10	QPSK	1	49	19.45	19.66	19.47		
10	QPSK	25	0	19.51	19.64	19.59		
10	QPSK	25	12	19.47	19.40	19.47		
10	QPSK	25	25	19.48	19.48	19.47		
10	QPSK	50	0	19.55	19.60	19.41		
10	16QAM	1	0	19.55	19.57	19.51		
10	16QAM	1	25	19.47	19.48	19.47	21.4	0
10	16QAM	1	49	19.60	19.42	19.46		
10	16QAM	25	0	19.47	19.74	19.59		
10	16QAM	25	12	19.60	19.67	19.49	21.4	0
10	16QAM	25	25	19.42	19.52	19.50		
10	16QAM	50	0	19.61	19.50	19.46		
10	64QAM	1	0	19.42	19.54	19.47		
10	64QAM	1	25	19.48	19.62	19.59	21.4	0
10	64QAM	1	49	19.41	19.44	19.46		
10	64QAM	25	0	19.41	19.48	19.57		
10	64QAM	25	12	19.47	19.55	19.44	21.4	0
10	64QAM	25	25	19.44	19.44	19.52		
10	64QAM	50	0	19.41	19.56	19.57		
10	256QAM	1	0	19.46	19.64	19.55		
10	256QAM	1	25	19.31	19.58	19.33	21	0.4
10	256QAM	1	49	19.32	19.34	19.44		
10	256QAM	25	0	19.50	19.62	19.44		
10	256QAM	25	12	19.38	19.46	19.34	21	0.4
10	256QAM	25	25	19.30	19.29	19.31		
10	256QAM	50	0	19.36	19.52	19.44		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	19.62	19.76	19.56	21.4	0
5	QPSK	1	12	19.48	19.63	19.49		
5	QPSK	1	24	19.51	19.65	19.40		
5	QPSK	12	0	19.47	19.65	19.60		
5	QPSK	12	7	19.54	19.44	19.44	21.4	0
5	QPSK	12	13	19.53	19.50	19.44		
5	QPSK	25	0	19.56	19.61	19.40		
5	16QAM	1	0	19.55	19.62	19.54		
5	16QAM	1	12	19.62	19.52	19.51	21.4	0
5	16QAM	1	24	19.57	19.63	19.46		
5	16QAM	12	0	19.48	19.73	19.57		
5	16QAM	12	7	19.58	19.70	19.44	21.4	0
5	16QAM	12	13	19.46	19.49	19.56		
5	16QAM	25	0	19.63	19.54	19.46		
5	64QAM	1	0	19.42	19.58	19.55		
5	64QAM	1	12	19.49	19.62	19.56	21.4	0
5	64QAM	1	24	19.42	19.43	19.44		
5	64QAM	12	0	19.41	19.43	19.54		
5	64QAM	12	7	19.40	19.55	19.49	21.4	0
5	64QAM	12	13	19.48	19.45	19.45		
5	64QAM	25	0	19.46	19.59	19.61		
5	256QAM	1	0	19.38	19.65	19.51		
5	256QAM	1	12	19.36	19.54	19.35	21	0.4
5	256QAM	1	24	19.35	19.35	19.46		
5	256QAM	12	0	19.49	19.53	19.43		
5	256QAM	12	7	19.33	19.40	19.30	21	0.4
5	256QAM	12	13	19.32	19.33	19.30		
5	256QAM	25	0	19.31	19.52	19.43		
Channel				19950	20175	20400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	19.61	19.76	19.52	21.4	0
3	QPSK	1	8	19.53	19.67	19.44		
3	QPSK	1	14	19.50	19.62	19.41		
3	QPSK	8	0	19.47	19.68	19.57		
3	QPSK	8	4	19.47	19.62	19.45	21.4	0
3	QPSK	8	7	19.46	19.52	19.43		
3	QPSK	15	0	19.55	19.57	19.41		
3	16QAM	1	0	19.52	19.58	19.57		
3	16QAM	1	8	19.45	19.51	19.52	21.4	0
3	16QAM	1	14	19.57	19.45	19.42		
3	16QAM	8	0	19.45	19.70	19.53		
3	16QAM	8	4	19.58	19.67	19.46	21.4	0
3	16QAM	8	7	19.43	19.50	19.52		
3	16QAM	15	0	19.67	19.57	19.45		
3	64QAM	1	0	19.40	19.60	19.41		
3	64QAM	1	8	19.51	19.56	19.58	21.4	0
3	64QAM	1	14	19.48	19.48	19.44		
3	64QAM	8	0	19.48	19.49	19.52		
3	64QAM	8	4	19.45	19.58	19.49	21.4	0
3	64QAM	8	7	19.49	19.46	19.51		
3	64QAM	15	0	19.45	19.52	19.42		
3	256QAM	1	0	19.43	19.63	19.52		
3	256QAM	1	8	19.32	19.64	19.35	21	0.4
3	256QAM	1	14	19.27	19.36	19.41		
3	256QAM	8	0	19.44	19.57	19.42		
3	256QAM	8	4	19.31	19.41	19.36	21	0.4
3	256QAM	8	7	19.31	19.33	19.25		
3	256QAM	15	0	19.35	19.59	19.47		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	19.68	19.78	19.52	21.4	0
1.4	QPSK	1	3	19.54	19.65	19.42		
1.4	QPSK	1	5	19.47	19.65	19.40		
1.4	QPSK	3	0	19.48	19.67	19.59		
1.4	QPSK	3	1	19.50	19.42	19.53		
1.4	QPSK	3	3	19.53	19.47	19.44		
1.4	QPSK	6	0	19.55	19.61	19.45	21.4	0
1.4	16QAM	1	0	19.57	19.58	19.52	21.4	0
1.4	16QAM	1	3	19.53	19.49	19.51		
1.4	16QAM	1	5	19.62	19.43	19.43		
1.4	16QAM	3	0	19.44	19.70	19.53		
1.4	16QAM	3	1	19.56	19.73	19.45		
1.4	16QAM	3	3	19.46	19.46	19.54		
1.4	16QAM	6	0	19.62	19.52	19.46	21.4	0
1.4	64QAM	1	0	19.46	19.60	19.42	21.4	0
1.4	64QAM	1	3	19.47	19.58	19.55		
1.4	64QAM	1	5	19.53	19.47	19.51		
1.4	64QAM	3	0	19.44	19.44	19.53		
1.4	64QAM	3	1	19.42	19.55	19.47		
1.4	64QAM	3	3	19.49	19.44	19.46		
1.4	64QAM	6	0	19.41	19.42	19.53	21.4	0
1.4	256QAM	1	0	19.38	19.55	19.47	21	0.4
1.4	256QAM	1	3	19.33	19.66	19.33		
1.4	256QAM	1	5	19.31	19.37	19.39		
1.4	256QAM	3	0	19.47	19.56	19.45		
1.4	256QAM	3	1	19.38	19.44	19.35		
1.4	256QAM	3	3	19.28	19.29	19.32		
1.4	256QAM	6	0	19.30	19.48	19.44	21	0.4

Band 7 DSI2_Standalone Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	18.26	18.31	18.26	19.6	0
20	QPSK	1	49	18.18	18.26	18.10		
20	QPSK	1	99	18.20	18.21	18.08		
20	QPSK	50	0	18.05	18.24	18.11		
20	QPSK	50	24	18.06	18.16	18.11	19.6	0
20	QPSK	50	50	18.02	18.05	17.95		
20	QPSK	100	0	18.06	18.14	18.13		
20	16QAM	1	0	18.08	18.09	18.02		
20	16QAM	1	49	18.04	18.08	17.95	19.6	0
20	16QAM	1	99	18.12	18.04	18.00		
20	16QAM	50	0	17.96	18.14	17.94

Band 25 DSI2_Standalone Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1880	1880	1905		
20	QPSK	1	0	18.21	18.29	18.27	19.6	0
20	QPSK	1	49	18.15	18.22	18.11		
20	QPSK	1	99	18.13	18.18	18.16		
20	QPSK	50	0	18.04	18.24	18.18		
20	QPSK	50	24	17.95	18.19	18.04		
20	QPSK	50	50	18.03	18.11	17.92		
20	QPSK	100	0	18.06	18.15	18.06		
20	16QAM	1	0	18.13	18.15	18.05		
20	16QAM	1	49	18.03	18.04	17.89		
20	16QAM	1	99	18.15	18.14	18.02		
20	16QAM	50	0	18.09	18.18	18.07		
20	16QAM	50	24	18.01	18.07	18.06		
20	16QAM	50	50	18.12	18.16	18.06		
20	16QAM	100	0	17.92	18.11	17.96		
20	64QAM	1	0	17.90	18.10	18.00		
20	64QAM	1	49	17.98	18.16	18.02		
20	64QAM	1	99	18.00	18.16	18.07		
20	64QAM	50	0	17.97	18.17	18.06		
20	64QAM	50	24	17.94	18.09	18.05		
20	64QAM	50	50	17.96	18.09	17.96		
20	64QAM	100	0	18.09	18.08	17.95		
20	256QAM	1	0	18.00	18.05	17.97		
20	256QAM	1	49	17.94	18.11	17.97		
20	256QAM	1	99	17.95	18.04	17.94		
20	256QAM	50	0	17.92	18.00	17.93		
20	256QAM	50	24	17.93	18.04	17.90		
20	256QAM	50	50	17.77	17.96	17.92		
20	256QAM	100	0	17.82	18.00	17.84		
Channel				26115	26340	26615		
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	18.12	18.22	18.19	19.6	0
15	QPSK	1	37	18.09	18.10	18.05		
15	QPSK	1	74	17.99	18.10	18.03		
15	QPSK	36	0	17.96	18.14	18.05		
15	QPSK	36	20	17.83	18.12	17.92		
15	QPSK	36	39	17.95	18.01	17.78		
15	QPSK	75	0	18.03	18.09	17.97		
15	16QAM	1	0	18.00	18.09	17.93		
15	16QAM	1	37	17.92	17.94	17.79		
15	16QAM	1	74	18.05	18.07	17.89		
15	16QAM	36	0	18.04	18.13	17.93		
15	16QAM	36	20	17.93	17.97	17.95		
15	16QAM	36	39	18.05	18.06	17.92		
15	16QAM	75	0	17.78	17.96	17.83		
15	64QAM	1	0	17.76	18.01	17.88		
15	64QAM	1	37	17.95	18.07	17.91		
15	64QAM	1	74	17.92	18.05	17.92		
15	64QAM	36	0	17.90	18.13	17.99		
15	64QAM	36	20	17.83	18.04	18.02		
15	64QAM	36	39	17.83	18.03	17.93		
15	64QAM	75	0	18.03	18.00	17.83		
15	256QAM	1	0	17.96	17.98	17.87		
15	256QAM	1	37	17.80	18.03	17.92		
15	256QAM	1	74	17.87	17.94	17.85		
15	256QAM	36	0	17.77	17.91	17.83		
15	256QAM	36	20	17.89	17.99	17.79		
15	256QAM	36	39	17.68	17.74	17.83		
15	256QAM	75	0	17.76	17.94	17.79		
Channel				26090	26340	26640		
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	18.11	18.25	18.16	19.6	0
10	QPSK	1	25	18.02	18.09	17.96		
10	QPSK	1	49	18.07	18.07	18.13		
10	QPSK	25	0	17.92	18.15	18.10		
10	QPSK	25	12	17.92	18.10	17.95		
10	QPSK	25	25	17.96	18.03	17.84		
10	QPSK	50	0	17.92	18.03	17.92		
10	16QAM	1	0	18.03	18.09	17.94		
10	16QAM	1	25	17.91	17.98	17.84	19.6	0
10	16QAM	1	49	18.04	18.03	17.99		
10	16QAM	25	0	17.98	18.14	18.03		
10	16QAM	25	12	17.95	17.93	17.96		
10	16QAM	25	25	17.97	18.13	18.02		
10	16QAM	50	0	17.81	18.00	17.83		
10	64QAM	1	0	17.78	17.95	17.97		
10	64QAM	1	25	17.88	18.08	17.92	19.6	0
10	64QAM	1	49	17.88	18.05	17.98		
10	64QAM	25	0	17.92	18.04	18.02		
10	64QAM	25	12	17.86	17.98	17.91		
10	64QAM	25	25	17.92	17.96	17.91		
10	64QAM	50	0	18.01	17.95	17.87		
10	256QAM	1	0	17.95	17.96	17.92		
10	256QAM	1	25	17.85	18.05	17.88	19.6	0
10	256QAM	1	49	17.84	17.91	17.91		
10	256QAM	25	0	17.81	17.87	17.78		
10	256QAM	25	12	17.89	17.89	17.77		
10	256QAM	25	25	17.74	17.72	17.79		
10	256QAM	50	0	17.77	17.87	17.76		
Channel				26065	26340	26665		
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	18.08	18.19	18.23	19.6	0
5	QPSK	1	12	18.08	18.17	18.05		
5	QPSK	1	24	18.06	18.08	18.05		
5	QPSK	12	0	17.99	18.11	18.12		
5	QPSK	12	7	17.86	18.07	17.90		
5	QPSK	12	13	17.88	17.99	17.87		
5	QPSK	25	0	18.00	18.09	17.95		
5	16QAM	1	0	18.01	18.06	18.00		
5	16QAM	1	12	17.93	17.96	17.85	19.6	0
5	16QAM	1	24	18.01	18.09	17.97		
5	16QAM	12	0	17.95	18.13	18.04		
5	16QAM	12	7	17.88	17.96	18.02		
5	16QAM	12	13	18.00	18.09	17.98		
5	16QAM	25	0	17.77	18.06	17.87		
5	64QAM	1	0	17.84	18.06	17.85		
5	64QAM	1	12	17.89	18.07	17.90	19.6	0
5	64QAM	1	24	17.91	18.07	18.04		
5	64QAM	12	0	17.82	18.13	17.91		
5	64QAM	12	7	17.89	18.03	17.97	19.6	0
5	64QAM	12	13	17.84	17.97	17.90		
5	64QAM	25	0	18.04	18.00	17.90		
5	256QAM	1	0	17.87	17.97	17.86		
5	256QAM	1	12	17.90	18.00	17.90	19.6	0
5	256QAM	1	24	17.85	18.00	17.84		
5	256QAM	12	0	17.86	17.85	17.86		
5	256QAM	12	7	17.81	17.91	17.83	19.6	0
5	256QAM	12	13	17.66	17.78	17.80		
5	256QAM	25	0	17.76	17.90	17.74		
Channel				26015	26340	26675		
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	18.15	18.17	18.14	19.6	0
3	QPSK	1	8	18.01	18.11	18.08		
3	QPSK	1	14	18.03	18.14	18.03		
3	QPSK	8	0	17.93	18.15	18.07		
3	QPSK	8	4	17.87	18.06	17.94		
3	QPSK	8	7	17.99	18.05	17.86		
3	QPSK	15	0	17.97	18.07	17.97		
3	16QAM	1	0	18.00	18.09	17.99		
3	16QAM	1	8	17.94	17.95	17.75	19.6	0
3	16QAM	1	14	18.02	18.11	17.95		
3	16QAM	8	0	18.02	18.08	17.94		
3	16QAM	8	4	17.89	17.99	18.00	19.6	0
3	16QAM	8	7	18.02	18.06	17.92		
3	16QAM	15	0	17.82	18.02	17.82		
3	64QAM	1	0	17.82	18.03	17.92		
3	64QAM	1	8	17.94	18.12	17.87	19.6	0
3	64QAM	1	14	17.96	18.10	17.98		
3	64QAM	8	0	17.94	18.05	18.01		
3	64QAM	8	4	17.85	17.95	17.91	19.6	0
3	64QAM	8	7	17.87	18.01	17.85		
3	64QAM	15	0	18.06	18.03	17.87		
3	256QAM	1	0	17.92	17.99	17.86		
3	256QAM	1	8	17.87	18.00	17.87	19.6	0
3	256QAM	1	14	17.88	17.92	17.84		
3	256QAM	8	0	17.83	17.92	17.78		
3	256QAM	8	4	17.85	18.00	17.83	19.6	0
3	256QAM	8	7	17.65	17.73	17.77		
3	256QAM	15	0	17.76	17.91	17.73		
Channel				26047	26340	26683		
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	18.14	18.20	18.20	19.6	0
1.4	QPSK	1	3	18.07	18.11	18.07		
1.4	QPSK	1	5	18.07	18.04	18.09		
1.4	QPSK	3	0	17.98	18.14	18.04		
1.4	QPSK	3	1	17.90	18.11	18.01		
1.4	QPSK	3	3	17.89	18.07	17.85		
1.4	QPSK	6	0	18.00	18.04	17.92	19.6	0
1.4	16QAM	1	0	18.09	18.09	17.92	19.6	0
1.4	16QAM	1	3	17.97	17.97	17.76		
1.4	16QAM	1	5	18.04	18.11	17.88		
1.4	16QAM	3	0	18.01	18.11	17.93		
1.4	16QAM	3	1	17.90	17.98	17.99		
1.4	16QAM	3	3	18.01	18.02	17.92		
1.4	16QAM	6	0	17.80	17.98	17.89	19.6	0
1.4	64QAM	1	0	17.77	18.04	17.91	19.6	0
1.4	64QAM	1	3	17.94	18.02	17.88		
1.4	64QAM	1	5	17.94	18.06	17.92		
1.4	64QAM	3	0	17.84	18.10	17.98		
1.4	64QAM	3	1	17.86	17.95	17.99		
1.4	64QAM	3	3	17.84	18.00	17.88		
1.4	64QAM	6	0	18.03	18.02	17.88	19.6	0
1.4	256QAM	1	0	17.93	17.94	17.93	19.6	0
1.4	256QAM	1	3	17.86	18.02	17.90		
1.4	256QAM	1	5	17.83	17.94	17.81		
1.4	256QAM	3	0	17.89	17.85	17.78		
1.4	256QAM	3	1	17.90	17.98	17.80		
1.4	256QAM	3	3	17.64	17.71	17.85		
1.4	256QAM	6	0	17.78	17.97	17.71	19.6	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		18.56		20.1	0
10	QPSK	1	25		18.48			
10	QPSK	1	49		18.55			
10	QPSK	25	0		18.44			
10	QPSK	25	12		18.38		20.1	0
10	QPSK	25	25		18.42			
10	QPSK	50	0		18.43			
10	16QAM	1	0		18.44			
10	16QAM	1	25		18.34		20.1	0
10	16QAM	1	49		18.31			
10	16QAM	25	0		18.37			
10	16QAM	25	12		18.41		20.1	0
10	16QAM	25	25		18.40			
10	16QAM	50	0		18.26			
10	64QAM	1	0		18.25			
10	64QAM	1	25		18.39		20.1	0
10	64QAM	1	49		18.46			
10	64QAM	25	0		18.34			
10	64QAM	25	12		18.33		20.1	0
10	64QAM	25	25		18.30			
10	64QAM	50	0		18.36			
10	256QAM	1	0		18.24			
10	256QAM	1	25		18.37		20.1	0
10	256QAM	1	49		18.27			
10	256QAM	25	0		18.28			
10	256QAM	25	12		18.24		20.1	0
10	256QAM	25	25		18.21			
10	256QAM	50	0		18.11			
Channel				27685	27710	27735		
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	18.38	18.43	18.41	20.1	0
5	QPSK	1	12	18.30	18.36	18.35		
5	QPSK	1	24	18.27	18.41	18.45		
5	QPSK	12	0	18.28	18.34	18.32	20.1	0
5	QPSK	12	7	18.25	18.40	18.21		
5	QPSK	12	13	18.04	18.33	18.03		
5	QPSK	25	0	18.22	18.37	18.26		
5	16QAM	1	0	18.26	18.38	18.25	20.1	0
5	16QAM	1	12	18.26	18.25	18.12		
5	16QAM	1	24	18.31	18.21	18.27		
5	16QAM	12	0	18.33	18.28	18.14	20.1	0
5	16QAM	12	7	18.19	18.41	18.15		
5	16QAM	12	13	18.34	18.33	18.26		
5	16QAM	25	0	18.03	18.23	18.13		
5	64QAM	1	0	18.19	18.19	18.22	20.1	0
5	64QAM	1	12	18.14	18.25	18.25		
5	64QAM	1	24	18.26	18.32	18.27		
5	64QAM	12	0	18.16	18.24	18.19	20.1	0
5	64QAM	12	7	18.11	18.16	18.16		
5	64QAM	12	13	18.18	18.21	18.02		
5	64QAM	25	0	18.27	18.26	18.16		
5	256QAM	1	0	18.14	18.18	18.12	20.1	0
5	256QAM	1	12	18.12	18.24	18.14		
5	256QAM	1	24	18.09	18.18	18.20		
5	256QAM	12	0	18.02	18.11	18.02	20.1	0
5	256QAM	12	7	18.04	18.05	17.96		
5	256QAM	12	13	17.96	18.06	18.01		
5	256QAM	25	0	18.00	18.03	18.10		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	19.91	19.96	19.82	21.4	0
20	QPSK	1	49	19.83	19.79	19.78		
20	QPSK	1	99	19.79	19.92	19.72		
20	QPSK	50	0	19.82	19.90	19.83		
20	QPSK	50	24	19.78	19.77	19.72		
20	QPSK	50	50	19.75	19.84	19.78		
20	QPSK	100	0	19.84	19.95	19.71		
20	16QAM	1	0	19.72	19.77	19.71		
20	16QAM	1	49	19.66	19.73	19.69		
20	16QAM	1	99	19.82	19.76	19.77		
20	16QAM	50	0	19.75	19.89	19.82		
20	16QAM	50	24	19.78	19.88	19.78		
20	16QAM	50	50	19.66	19.86	19.72		
20	16QAM	100	0	19.80	19.74	19.74		
20	64QAM	1	0	19.78	19.76	19.68		
20	64QAM	1	49	19.71	19.76	19.72		
20	64QAM	1	99	19.74	19.73	19.80		
20	64QAM	50	0	19.69	19.80	19.87		
20	64QAM	50	24	19.75	19.78	19.70		
20	64QAM	50	50	19.66	19.74	19.61		
20	64QAM	100	0	19.73	19.85	19.77		
20	256QAM	1	0	19.58	19.75	19.61		
20	256QAM	1	49	19.57	19.75	19.54	21	0.4
20	256QAM	1	99	19.47	19.51	19.48		
20	256QAM	50	0	19.58	19.71	19.61		
20	256QAM	50	24	19.56	19.61	19.46	21	0.4
20	256QAM	50	50	19.46	19.53	19.50		
20	256QAM	100	0	19.45	19.64	19.54		
Channel				132047	132322	132597		
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	19.88	19.90	19.72	21.4	0
15	QPSK	1	37	19.80	19.76	19.65		
15	QPSK	1	74	19.71	19.85	19.66		
15	QPSK	36	0	19.72	19.87	19.77		
15	QPSK	36	20	19.69	19.72	19.61		
15	QPSK	36	39	19.66	19.81	19.72		
15	QPSK	75	0	19.75	19.70	19.65		
15	16QAM	1	0	19.62	19.66	19.58		
15	16QAM	1	37	19.58	19.62	19.60		
15	16QAM	1	74	19.80	19.63	19.72		
15	16QAM	36	0	19.69	19.76	19.78		
15	16QAM	36	20	19.67	19.85	19.75		
15	16QAM	36	39	19.62	19.84	19.59		
15	16QAM	75	0	19.75	19.66	19.65		
15	64QAM	1	0	19.71	19.67	19.61		
15	64QAM	1	37	19.61	19.62	19.67		
15	64QAM	1	74	19.72	19.70	19.67		
15	64QAM	36	0	19.61	19.70	19.81		
15	64QAM	36	20	19.61	19.71	19.60		
15	64QAM	36	39	19.62	19.69	19.55		
15	64QAM	75	0	19.70	19.81	19.74		
15	256QAM	1	0	19.49	19.67	19.56		
15	256QAM	1	37	19.51	19.71	19.45	21	0.4
15	256QAM	1	74	19.37	19.37	19.39		
15	256QAM	36	0	19.47	19.62	19.54		
15	256QAM	36	20	19.43	19.54	19.36	21	0.4
15	256QAM	36	39	19.38	19.48	19.37		
15	256QAM	75	0	19.40	19.50	19.45		
Channel				132022	132322	132622		
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	19.83	19.92	19.76	21.4	0
10	QPSK	1	25	19.75	19.68	19.65		
10	QPSK	1	49	19.66	19.82	19.64		
10	QPSK	25	0	19.76	19.80	19.77		
10	QPSK	25	12	19.71	19.71	19.64		
10	QPSK	25	25	19.72	19.72	19.73		
10	QPSK	50	0	19.80	19.80	19.62		
10	16QAM	1	0	19.62	19.70	19.65		
10	16QAM	1	25	19.56	19.59	19.60	21.4	0
10	16QAM	1	49	19.77	19.67	19.65		
10	16QAM	25	0	19.67	19.82	19.74		
10	16QAM	25	12	19.73	19.74	19.67	21.4	0
10	16QAM	25	25	19.59	19.80	19.65		
10	16QAM	50	0	19.77	19.67	19.69		
10	64QAM	1	0	19.74	19.73	19.62		
10	64QAM	1	25	19.61	19.71	19.63	21.4	0
10	64QAM	1	49	19.69	19.59	19.66		
10	64QAM	25	0	19.58	19.66	19.84		
10	64QAM	25	12	19.66	19.71	19.67	21.4	0
10	64QAM	25	25	19.64	19.70	19.47		
10	64QAM	50	0	19.66	19.83	19.74		
10	256QAM	1	0	19.45	19.68	19.49		
10	256QAM	1	25	19.42	19.63	19.44	21	0.4
10	256QAM	1	49	19.44	19.42	19.37		
10	256QAM	25	0	19.48	19.68	19.49		
10	256QAM	25	12	19.44	19.53	19.42	21	0.4
10	256QAM	25	25	19.38	19.44	19.41		
10	256QAM	50	0	19.32	19.52	19.42		
Channel				131997	132322	132647		
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	19.88	19.84	19.75	21.4	0
5	QPSK	1	12	19.78	19.65	19.65		
5	QPSK	1	24	19.70	19.85	19.69		
5	QPSK	12	0	19.79	19.76	19.75		
5	QPSK	12	7	19.67	19.74	19.65	21.4	0
5	QPSK	12	13	19.66	19.72	19.67		
5	QPSK	25	0	19.78	19.70	19.58		
5	16QAM	1	0	19.65	19.69	19.57		
5	16QAM	1	12	19.58	19.62	19.62	21.4	0
5	16QAM	1	24	19.77	19.67	19.63		
5	16QAM	12	0	19.65	19.80	19.74		
5	16QAM	12	7	19.75	19.85	19.71	21.4	0
5	16QAM	12	13	19.55	19.75	19.65		
5	16QAM	25	0	19.71	19.63	19.62		
5	64QAM	1	0	19.72	19.64	19.60		
5	64QAM	1	12	19.66	19.63	19.68	21.4	0
5	64QAM	1	24	19.69	19.70	19.69		
5	64QAM	12	0	19.63	19.67	19.79		
5	64QAM	12	7	19.69	19.75	19.67	21.4	0
5	64QAM	12	13	19.54	19.70	19.51		
5	64QAM	25	0	19.61	19.74	19.70		
5	256QAM	1	0	19.52	19.64	19.54		
5	256QAM	1	12	19.43	19.72	19.42	21	0.4
5	256QAM	1	24	19.43	19.41	19.39		
5	256QAM	12	0	19.51	19.59	19.52		
5	256QAM	12	7	19.50	19.53	19.34	21	0.4
5	256QAM	12	13	19.40	19.39	19.44		
5	256QAM	25	0	19.37	19.57	19.44		
Channel				131972	132322	132672		
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	19.82	19.86	19.80	21.4	0
3	QPSK	1	8	19.72	19.74	19.74		
3	QPSK	1	14	19.65	19.83	19.70		
3	QPSK	8	0	19.72	19.80	19.76		
3	QPSK	8	4	19.66	19.68	19.64	21.4	0
3	QPSK	8	7	19.61	19.78	19.76		
3	QPSK	15	0	19.79	19.77	19.69		
3	16QAM	1	0	19.67	19.68	19.60		
3	16QAM	1	8	19.56	19.70	19.59	21.4	0
3	16QAM	1	14	19.78	19.72	19.67		
3	16QAM	8	0	19.68	19.79	19.69		
3	16QAM	8	4	19.74	19.83	19.76	21.4	0
3	16QAM	8	7	19.61	19.77	19.64		
3	16QAM	15	0	19.68	19.68	19.67		
3	64QAM	1	0	19.72	19.68	19.61		
3	64QAM	1	8	19.65	19.68	19.60	21.4	0
3	64QAM	1	14	19.61	19.65	19.70		
3	64QAM	8	0	19.58	19.71	19.83		
3	64QAM	8	4	19.71	19.68	19.67	21.4	0
3	64QAM	8	7	19.53	19.68	19.55		
3	64QAM	15	0	19.66	19.81	19.69		
3	256QAM	1	0	19.54	19.67	19.54		
3	256QAM	1	8	19.51	19.66	19.41	21	0.4
3	256QAM	1	14	19.33	19.38	19.36		
3	256QAM	8	0	19.43	19.58	19.54		
3	256QAM	8	4	19.43	19.49	19.34	21	0.4
3	256QAM	8	7	19.39	19.46	19.39		
3	256QAM	15	0	19.32	19.54	19.41		
Channel		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	19.54	19.66	19.49	21.1	0
20	QPSK	1	49	19.52	19.39	19.61		
20	QPSK	1	99	19.53	19.48	19.52		
20	QPSK	50	0	19.46	19.53	19.39	21.1	0
20	QPSK	50	24	19.23	19.48	19.48		
20	QPSK	50	50	19.25	19.44	19.38		
20	QPSK	100	0	19.28	19.42	19.41		
20	16QAM	1	0	19.46	19.51	19.43	21.1	0
20	16QAM	1	49	19.29	19.55	19.22		
20	16QAM	1	99	19.40	19.55	19.33		
20	16QAM	50	0	19.34	19.39	19.34	21.1	0
20	16QAM	50	24	19.38	19.50	19.24		
20	16QAM	50	50	19.48	19.28	19.30		
20	16QAM	100	0	19.36	19.27	19.37		
20	64QAM	1	0	19.39	19.51	19.16	21.1	0
20	64QAM	1	49	19.28	19.46	19.35		
20	64QAM	1	99	19.51	19.51	19.32		
20	64QAM	50	0	19.39	19.48	19.36	21.1	0
20	64QAM	50	24	19.45	19.38	19.27		
20	64QAM	50	50	19.49	19.63	19.17		
20	64QAM	100	0	19.42	19.45	19.37		
20	256QAM	1	0	19.56	19.49	19.34	20.5	0.6
20	256QAM	1	49	19.30	19.41	19.43		
20	256QAM	1	99	19.45	19.41	19.45		
20	256QAM	50	0	19.41	19.56	19.09	20.5	0.6
20	256QAM	50	24	19.39	19.52	19.26		
20	256QAM	50	50	19.32	19.35	19.24		
20	256QAM	100	0	19.25	19.24	19.25		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	19.51	19.58	19.39	21.1	0
15	QPSK	1	37	19.44	19.35	19.58		
15	QPSK	1	74	19.49	19.38	19.43		
15	QPSK	36	0	19.44	19.49	19.37	21.1	0
15	QPSK	36	20	19.17	19.41	19.44		
15	QPSK	36	39	19.16	19.34	19.31		
15	QPSK	75	0	19.19	19.34	19.36		
15	16QAM	1	0	19.37	19.44	19.34	21.1	0
15	16QAM	1	37	19.26	19.52	19.19		
15	16QAM	1	74	19.36	19.47	19.30		
15	16QAM	36	0	19.31	19.30	19.27	21.1	0
15	16QAM	36	20	19.29	19.44	19.16		
15	16QAM	36	39	19.40	19.25	19.20		
15	16QAM	75	0	19.30	19.23	19.33		
15	64QAM	1	0	19.33	19.44	19.12	21.1	0
15	64QAM	1	37	19.22	19.38	19.30		
15	64QAM	1	74	19.49	19.42	19.28		
15	64QAM	36	0	19.34	19.43	19.27	21.1	0
15	64QAM	36	20	19.38	19.29	19.23		
15	64QAM	36	39	19.44	19.54	19.13		
15	64QAM	75	0	19.34	19.42	19.32		
15	256QAM	1	0	19.53	19.46	19.25	20.5	0.6
15	256QAM	1	37	19.23	19.38	19.33		
15	256QAM	1	74	19.40	19.36	19.40		
15	256QAM	36	0	19.31	19.49	19.07	20.5	0.6
15	256QAM	36	20	19.34	19.49	19.20		
15	256QAM	36	39	19.27	19.31	19.15		
15	256QAM	75	0	19.20	19.20	19.22		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	19.50	19.61	19.39	21.1	0
10	QPSK	1	25	19.47	19.34	19.52		
10	QPSK	1	49	19.50	19.42	19.49		
10	QPSK	25	0	19.40	19.46	19.35	21.1	0
10	QPSK	25	12	19.16	19.41	19.40		
10	QPSK	25	25	19.19	19.35	19.28		
10	QPSK	50	0	19.23	19.35	19.35		
10	16QAM	1	0	19.38	19.49	19.41	21.1	0
10	16QAM	1	25	19.26	19.49	19.17		
10	16QAM	1	49	19.34	19.48	19.23		
10	16QAM	25	0	19.29	19.35	19.26	21.1	0
10	16QAM	25	12	19.35	19.41	19.15		
10	16QAM	25	25	19.40	19.19	19.25		
10	16QAM	50	0	19.31	19.18	19.32		
10	64QAM	1	0	19.31	19.46	19.11	21.1	0
10	64QAM	1	25	19.24	19.37	19.33		
10	64QAM	1	49	19.46	19.42	19.23		
10	64QAM	25	0	19.29	19.39	19.27	21.1	0
10	64QAM	25	12	19.39	19.32	19.20		
10	64QAM	25	25	19.43	19.57	19.12		
10	64QAM	50	0	19.38	19.39	19.29		
10	256QAM	1	0	19.53	19.45	19.32	20.5	0.6
10	256QAM	1	25	19.24	19.34	19.33		
10	256QAM	1	49	19.40	19.35	19.36		
10	256QAM	25	0	19.31	19.50	19.04	20.5	0.6
10	256QAM	25	12	19.37	19.46	19.21		
10	256QAM	25	25	19.26	19.31	19.21		
10	256QAM	50	0	19.19	19.17	19.20		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	19.51	19.59	19.44	21.1	0
5	QPSK	1	12	19.44	19.31	19.59		
5	QPSK	1	24	19.50	19.43	19.48		
5	QPSK	12	0	19.40	19.43	19.30	21.1	0
5	QPSK	12	7	19.19	19.46	19.41		
5	QPSK	12	13	19.21	19.36	19.29		
5	QPSK	25	0	19.26	19.39	19.34		
5	16QAM	1	0	19.40	19.44	19.40	21.1	0
5	16QAM	1	12	19.20	19.47	19.17		
5	16QAM	1	24	19.37	19.45	19.26		
5	16QAM	12	0	19.26	19.29	19.26	21.1	0
5	16QAM	12	7	19.34	19.47	19.16		
5	16QAM	12	13	19.40	19.22	19.24		
5	16QAM	25	0	19.31	19.24	19.28		
5	64QAM	1	0	19.34	19.45	19.15	21.1	0
5	64QAM	1	12	19.22	19.41	19.25		
5	64QAM	1	24	19.49	19.47	19.27		
5	64QAM	12	0	19.31	19.38	19.28	21.1	0
5	64QAM	12	7	19.38	19.30	19.24		
5	64QAM	12	13	19.41	19.59	19.15		
5	64QAM	25	0	19.33	19.40	19.29		
5	256QAM	1	0	19.50	19.46	19.31	20.5	0.6
5	256QAM	1	12	19.25	19.35	19.37		
5	256QAM	1	24	19.41	19.37	19.36		
5	256QAM	12	0	19.35	19.52	19.02	20.5	0.6
5	256QAM	12	7	19.36	19.46	19.17		
5	256QAM	12	13	19.26	19.27	19.16		
5	256QAM	25	0	19.22	19.18	19.21		

Band 41 FCC&IC DSI2_Standalone Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	19.45	19.66	19.71	19.62	19.61	21.1	0
20	QPSK	1	49	19.64	19.62	19.60	19.59	19.58		
20	QPSK	1	99	19.56	19.60	19.62	19.56	19.53		
20	QPSK	50	0	19.52	19.53	19.65	19.53	19.47	21.1	0
20	QPSK	50	24	19.48	19.44	19.53	19.49	19.59		
20	QPSK	50	50	19.43	19.43	19.58	19.40	19.39		
20	QPSK	100	0	19.44	19.45	19.61	19.40	19.60		
20	16QAM	1	0	19.40	19.49	19.51	19.50	19.59	21.1	0
20	16QAM	1	49	19.31	19.50	19.55	19.39	19.45		
20	16QAM	1	99	19.48	19.43	19.55	19.46	19.48		
20	16QAM	50	0	19.40	19.37	19.60	19.41	19.42	21.1	0
20	16QAM	50	24	19.46	19.47	19.50	19.35	19.53		
20	16QAM	50	50	19.56	19.47	19.43	19.51	19.44		
20	16QAM	100	0	19.41	19.45	19.45	19.46	19.29		
20	64QAM	1	0	19.53	19.58	19.59	19.38	19.38	21.1	0
20	64QAM	1	49	19.46	19.34	19.46	19.42	19.45		
20	64QAM	1	99	19.37	19.53	19.51	19.47	19.31		
20	64QAM	50	0	19.56	19.37	19.55	19.40	19.56	21	0.1
20	64QAM	50	24	19.42	19.50	19.58	19.47	19.46		
20	64QAM	50	50	19.22	19.49	19.61	19.27	19.39		
20	64QAM	100	0	19.25	19.43	19.59	19.45	19.32		
20	256QAM	1	0	18.42	18.31	18.52	18.40	18.47	19	2.1
20	256QAM	1	49	18.38	18.35	18.52	18.31	18.41		
20	256QAM	1	99	18.22	18.31	18.28	18.31	18.14		
20	256QAM	50	0	18.61	18.48	18.66	18.50	18.54	19	2.1
20	256QAM	50	24	18.41	18.46	18.51	18.43	18.36		
20	256QAM	50	50	18.43	18.35	18.49	18.38	18.42		
20	256QAM	100	0	18.57	18.50	18.66	18.54	18.62		
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	19.40	19.52	19.63	19.53	19.56	21.10	0
15	QPSK	1	37	19.53	19.60	19.48	19.56	19.52		
15	QPSK	1	74	19.43	19.48	19.57	19.47	19.50		
15	QPSK	36	0	19.44	19.48	19.56	19.44	19.37	21.1	0
15	QPSK	36	20	19.36	19.36	19.45	19.42	19.53		
15	QPSK	36	39	19.29	19.38	19.55	19.34	19.36		
15	QPSK	75	0	19.33	19.38	19.55	19.33	19.56		
15	16QAM	1	0	19.33	19.41	19.39	19.37	19.45	21.1	0
15	16QAM	1	37	19.23	19.39	19.41	19.28	19.33		
15	16QAM	1	74	19.35	19.30	19.42	19.39	19.42		
15	16QAM	36	0	19.27	19.26	19.51	19.29	19.34	21.1	0
15	16QAM	36	20	19.42	19.33	19.40	19.29	19.48		
15	16QAM	36	39	19.52	19.39	19.39	19.43	19.40		
15	16QAM	75	0	19.30	19.43	19.37	19.39	19.19		
15	64QAM	1	0	19.44	19.47	19.57	19.30	19.33	21.1	0
15	64QAM	1	37	19.33	19.21	19.43	19.39	19.33		
15	64QAM	1	74	19.23	19.47	19.40	19.39	19.23		
15	64QAM	36	0	19.43	19.31	19.41	19.35	19.53	21	0.1
15	64QAM	36	20	19.39	19.46	19.55	19.41	19.44		
15	64QAM	36	39	19.14	19.36	19.53	19.21	19.31		
15	64QAM	75	0	19.23	19.35	19.54	19.41	19.29		
15	256QAM	1	0	18.32	18.18	18.40	18.26	18.34	19	2.1
15	256QAM	1	37	18.24	18.20	18.41	18.16	18.35		
15	256QAM	1	74	18.11	18.20	18.25	18.25	18.11		
15	256QAM	36	0	18.56	18.38	18.56	18.45	18.43	19	2.1
15	256QAM	36	20	18.37	18.32	18.42	18.30	18.22		
15	256QAM	36	39	18.28	18.23	18.37	18.24	18.30		
15	256QAM	75	0	18.45	18.45	18.53	18.43	18.56		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	19.40	19.63	19.62	19.54	19.47	21.10	0
10	QPSK	1	25	19.56	19.57	19.52	19.46	19.51		
10	QPSK	1	49	19.48	19.48	19.51	19.44	19.41		
10	QPSK	25	0	19.39	19.44	19.60	19.51	19.43	21.1	0
10	QPSK	25	12	19.35	19.41	19.43	19.35	19.46		
10	QPSK	25	25	19.31	19.36	19.48	19.38	19.25		
10	QPSK	50	0	19.36	19.34	19.51	19.31	19.47		
10	16QAM	1	0	19.38	19.42	19.48	19.46	19.46	21.1	0
10	16QAM	1	25	19.18	19.43	19.41	19.37	19.34		
10	16QAM	1	49	19.41	19.34	19.52	19.41	19.46		
10	16QAM	25	0	19.30	19.33	19.48	19.39	19.31	21.1	0
10	16QAM	25	12	19.36	19.44	19.39	19.24	19.42		
10	16QAM	25	25	19.45	19.40	19.32	19.43	19.35		
10	16QAM	50	0	19.32	19.42	19.41	19.35	19.26		
10	64QAM	1	0	19.51	19.53	19.52	19.30	19.33	21.1	0
10	64QAM	1	25	19.44	19.31	19.39	19.38	19.39		
10	64QAM	1	49	19.27	19.39	19.39	19.41	19.17		
10	64QAM	25	0	19.44	19.26	19.44	19.36	19.51	21	0.1
10	64QAM	25	12	19.30	19.40	19.55	19.40	19.36		
10	64QAM	25	25	19.11	19.43	19.55	19.24	19.37		
10	64QAM	50	0	19.17	19.34	19.49	19.36	19.18		
10	256QAM	1	0	18.35	18.27	18.38	18.36	18.35	19	2.1
10	256QAM	1	25	18.26	18.23	18.46	18.26	18.30		
10	256QAM	1	49	18.08	18.21	18.23	18.24	18.03		
10	256QAM	25	0	18.55	18.38	18.55	18.44	18.50	19	2.1
10	256QAM	25	12	18.32	18.42	18.37	18.39	18.29		
10	256QAM	25	25	18.30	18.31	18.41	18.25	18.36		
10	256QAM	50	0	18.52	18.39	18.62	18.45	18.58		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	19.31	19.58	19.60	19.51	19.55	21.10	0
5	QPSK	1	12	19.53	19.57	19.50	19.54	19.45		
5	QPSK	1	24	19.48	19.51	19.55	19.45	19.45		
5	QPSK	12	0	19.38	19.51	19.58	19.47	19.39	21.1	0
5	QPSK	12	7	19.45	19.39	19.49	19.43	19.50		
5	QPSK	12	13	19.37	19.33	19.51	19.32	19.30		
5	QPSK	25	0	19.37	19.37	19.49	19.29	19.57		
5	16QAM	1	0	19.28	19.41	19.42	19.47	19.56	21.1	0
5	16QAM	1	12	19.20	19.47	19.50	19.25	19.38		
5	16QAM	1	24	19.46	19.37	19.46	19.42	19.39		
5	16QAM	12	0	19.29	19.24	19.57	19.36	19.32	21.1	0
5	16QAM	12	7	19.41	19.34	19.43	19.24	19.50		
5	16QAM	12	13	19.43	19.39	19.36	19.37	19.40		
5	16QAM	25	0	19.39	19.33	19.38	19.34	19.16		
5	64QAM	1	0	19.41	19.51	19.54	19.29	19.26	21.1	0
5	64QAM	1	12	19.39	19.28	19.32	19.35	19.36		
5	64QAM	1	24	19.26	19.44	19.37	19.43	19.26		
5	64QAM	12	0	19.53	19.27	19.43	19.28	19.49	21	0.1
5	64QAM	12	7	19.28	19.36	19.55	19.44	19.34		
5	64QAM	12	13	19.14	19.37	19.49	19.23	19.26		
5	64QAM	25	0	19.16	19.33	19.55	19.41	19.23		
5	256QAM	1	0	18.36	18.24	18.40	18.27	18.44	19	2.1
5	256QAM	1	12	18.26	18.24	18.46	18.21	18.30		
5	256QAM	1	24	18.10	18.27	18.25	18.19	18.00		
5	256QAM	12	0	18.55	18.38	18.60	18.38	18.50	19	2.1
5	256QAM	12	7	18.27	18.37	18.44	18.31	18.24		
5	256QAM	12	13	18.33	18.21	18.38	18.34	18.35		
5	256QAM	25	0	18.47	18.38	18.54	18.49	18.48		

Band 41 PC2 DSI2_Standalone Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	21.07	21.24	21.30	21.26	21.20	22.7	0
20	QPSK	1	49	21.25	21.23	21.17	21.17	21.20		
20	QPSK	1	99	21.14	21.20	21.19	21.18	21.11		
20	QPSK	50	0	21.07	21.17	21.19	21.15	21.06	22.7	0
20	QPSK	50	24	21.03	21.07	21.11	21.10	21.16		
20	QPSK	50	50	20.99	21.07	21.15	21.01	21.00		
20	QPSK	100	0	21.06	21.05	21.18	20.99	21.13		
20	16QAM	1	0	21.02	21.11	21.14	21.07	21.12	22.7	0
20	16QAM	1	49	20.93	21.03	21.07	20.92	20.99		
20	16QAM	1	99	21.02	21.07	21.14	21.03	21.10		
20	16QAM	50	0	21.02	20.98	21.18	21.01	21.04	22.7	0
20	16QAM	50	24	21.05	21.05	21.06	20.98	21.13		
20	16QAM	50	50	21.09	21.08	21.05	21.06	21.03		
20	16QAM	100	0	20.96	21.00	21.09	20.98	20.92		
20	64QAM	1	0	21.05	21.16	21.15	21.01	20.99	22.7	0
20	64QAM	1	49	21.04	20.97	21.06	21.04	21.09		
20	64QAM	1	99	20.97	21.05	21.06	21.00	20.92		
20	64QAM	50	0	21.10	20.98	21.15	20.95	21.15	22.7	0
20	64QAM	50	24	20.98	21.09	21.15	21.01	21.02		
20	64QAM	50	50	20.85	21.05	21.22	20.88	20.92		
20	64QAM	100	0	20.89	20.97	21.12	20.99	20.85		
20	256QAM	1	0	21.00	21.08	21.02	20.89	20.90	22.7	0
20	256QAM	1	49	20.96	20.84	20.94	20.92	20.99		
20	256QAM	1	99	20.92	20.98	20.97	20.96	20.83		
20	256QAM	50	0	21.02	20.90	21.08	20.92	21.10	22.7	0
20	256QAM	50	24	20.95	21.00	21.04	20.91	20.98		
20	256QAM	50	50	20.82	20.91	21.11	20.76	20.79		
20	256QAM	100	0	20.83	20.86	21.05	20.91	20.83		
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	20.98	21.16	21.23	21.12	21.17	23	0
15	QPSK	1	37	21.15	21.18	21.10	21.06	21.09		
15	QPSK	1	74	21.02	21.12	21.12	21.14	21.03		
15	QPSK	36	0	21.00	21.13	21.08	21.03	21.03	22.7	0
15	QPSK	36	20	20.98	20.97	21.03	21.07	21.07		
15	QPSK	36	39	20.90	21.00	21.09	20.92	20.88		
15	QPSK	75	0	20.97	20.93	21.06	20.88	21.01		
15	16QAM	1	0	20.93	21.08	21.04	21.00	21.02	22.7	0
15	16QAM	1	37	20.85	20.89	21.01	20.82	20.87		
15	16QAM	1	74	20.97	21.00	21.05	20.99	21.03		
15	16QAM	36	0	20.91	20.84	21.11	20.97	20.98	22.7	0
15	16QAM	36	20	21.01	20.95	20.93	20.85	21.09		
15	16QAM	36	39	20.96	21.04	20.95	20.97	20.91		
15	16QAM	75	0	20.83	20.91	21.03	20.94	20.85		
15	64QAM	1	0	20.97	21.13	21.02	20.96	20.86	22.7	0
15	64QAM	1	37	21.00	20.92	21.04	21.01	21.07		
15	64QAM	1	74	20.94	20.97	20.98	20.94	20.81		
15	64QAM	36	0	21.03	20.85	21.11	20.83	21.04	22.7	0
15	64QAM	36	20	20.93	21.04	21.06	20.97	20.99		
15	64QAM	36	39	20.78	20.95	21.20	20.81	20.85		
15	64QAM	75	0	20.77	20.92	21.00	20.86	20.77		
15	256QAM	1	0	20.98	21.03	21.03	20.91	20.89	22.7	0
15	256QAM	1	37	20.91	20.87	20.99	21.00	21.02		
15	256QAM	1	74	20.88	20.97	20.93	20.88	20.84		
15	256QAM	36	0	20.97	20.89	21.01	20.91	21.10	22.7	0
15	256QAM	36	20	20.87	20.96	21.06	20.99	20.95		
15	256QAM	36	39	20.81	20.92	21.13	20.85	20.85		
15	256QAM	75	0	20.85	20.95	21.08	20.92	20.73		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	21.01	21.13	21.28	21.14	21.09	23	0
10	QPSK	1	25	21.23	21.11	21.13	21.11	21.16		
10	QPSK	1	49	21.02	21.17	21.14	21.12	21.05		
10	QPSK	25	0	21.00	21.12	21.16	21.04	21.01	22.7	0
10	QPSK	25	12	20.92	20.98	21.00	21.06	21.07		
10	QPSK	25	25	20.89	20.95	21.08	20.88	20.98		
10	QPSK	50	0	20.93	21.03	21.15	20.93	21.00		
10	16QAM	1	0	20.98	20.98	21.02	21.03	21.03	22.7	0
10	16QAM	1	25	20.91	20.96	21.05	20.84	20.91		
10	16QAM	1	49	20.99	20.94	21.00	20.92	21.02		
10	16QAM	25	0	20.97	20.94	21.12	20.89	20.96	22.7	0
10	16QAM	25	12	20.91	21.03	21.03	20.90	21.00		
10	16QAM	25	25	21.05	21.04	20.94	20.94	20.98		
10	16QAM	50	0	20.84	20.88	20.99	20.89	20.81		
10	64QAM	1	0	20.98	21.14	21.04	20.95	20.89	22.7	0
10	64QAM	1	25	20.92	20.86	21.00	21.00	21.06		
10	64QAM	1	49	20.85	20.95	20.99	20.88	20.82		
10	64QAM	25	0	21.06	20.85	21.08	20.82	21.06	22.7	0
10	64QAM	25	12	20.91	20.98	21.04	20.88	20.99		
10	64QAM	25	25	20.81	21.01	21.14	20.79	20.81		
10	64QAM	50	0	20.79	20.88	21.02	20.94	20.80		
10	256QAM	1	0	20.98	21.11	21.10	20.91	20.91	22.7	0
10	256QAM	1	25	20.99	20.90	21.03	20.93	21.01		
10	256QAM	1	49	20.85	20.95	20.95	20.95	20.89		
10	256QAM	25	0	21.01	20.95	21.13	20.91	21.08	22.7	0
10	256QAM	25	12	20.91	21.07	21.06	20.90	20.93		
10	256QAM	25	25	20.75	20.93	21.11	20.80	20.86		
10	256QAM	50	0	20.83	20.90	21.02	20.86	20.78		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	20.98	21.15	21.18	21.20	21.13	23	0
5	QPSK	1	12	21.13	21.11	21.03	21.10	21.07		
5	QPSK	1	24	21.12	21.18	21.05	21.13	21.05		
5	QPSK	12	0	20.99	21.05	21.10	21.12	20.99	22.7	0
5	QPSK	12	7	20.93	21.01	21.03	21.03	21.02		
5	QPSK	12	13	20.95	21.00	21.11	20.92	20.93		
5	QPSK	25	0	21.01	20.98	21.15	20.86	21.03		
5	16QAM	1	0	20.97	21.07	21.12	21.01	21.07	22.7	0
5	16QAM	1	12	20.83	21.00	20.94	20.80	20.94		
5	16QAM	1	24	20.97	20.95	21.03	20.89	20.97		
5	16QAM	12	0	20.99	20.86	21.05	20.87	20.99	22.7	0
5	16QAM	12	7	21.00	20.99	21.00	20.86	21.11		
5	16QAM	12	13	21.03	20.97	20.94	21.03	20.93		
5	16QAM	25	0	20.89	20.91	20.97	20.86	20.88		
5	64QAM	1	0	21.00	21.12	21.07	20.90	20.93	22.7	0
5	64QAM	1	12	20.93	20.89	20.99	20.94	21.02		
5	64QAM	1	24	20.90	21.01	20.93	20.90	20.86		
5	64QAM	12	0	21.02	20.94	21.10	20.92	21.02	22.7	0
5	64QAM	12	7	20.91	21.03	21.12	20.99	20.94		
5	64QAM	12	13	20.79	20.94	21.18	20.79	20.80		
5	64QAM	25	0	20.79	20.92	21.05	20.89	20.75		
5	256QAM	1	0	20.96	21.12	21.12	20.95	20.96	22.7	0
5	256QAM	1	12	20.97	20.92	21.01	20.91	20.96		
5	256QAM	1	24	20.83	21.01	20.97	20.94	20.78		
5	256QAM	12	0	21.00	20.88	21.11	20.82	21.04	22.7	0
5	256QAM	12	7	20.89	21.05	21.04	20.94	20.99		
5	256QAM	12	13	20.76	20.94	21.10	20.81	20.87		
5	256QAM	25	0	20.86	20.91	21.07	20.88	20.72		

Band 48 DSI2_Standalone Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	17.91	17.95	17.84	17.89	19.1	0
20	QPSK	1	49	17.86	17.90	17.78	17.82		
20	QPSK	1	99	17.75	17.93	17.80	17.76		
20	QPSK	50	0	17.72	17.88	17.73	17.81	19.1	0
20	QPSK	50	24	17.69	17.83	17.71	17.68		
20	QPSK	50	50	17.71	17.80	17.63	17.64		
20	QPSK	100	0	17.77	17.87	17.78	17.73		
20	16QAM	1	0	17.85	17.88	17.76	17.75	19.1	0
20	16QAM	1	49	17.70	17.83	17.59	17.74		
20	16QAM	1	99	17.79	17.86	17.70	17.74		
20	16QAM	50	0	17.74	17.93	17.72	17.73	19.1	0
20	16QAM	50	24	17.70	17.86	17.71	17.64		
20	16QAM	50	50	17.79	17.84	17.80	17.79		
20	16QAM	100	0	17.68	17.81	17.66	17.67		
20	64QAM	1	0	17.62	17.79	17.73	17.68	19.1	0
20	64QAM	1	49	17.75	17.86	17.74	17.64		
20	64QAM	1	99	17.70	17.82	17.78	17.77		
20	64QAM	50	0	17.75	17.78	17.79	17.71	19.1	0
20	64QAM	50	24	17.69	17.83	17.67	17.65		
20	64QAM	50	50	17.67	17.74	17.72	17.60		
20	64QAM	100	0	17.81	17.74	17.67	17.73		
20	256QAM	1	0	16.91	17.07	16.92	16.95	17.5	1.6
20	256QAM	1	49	16.82	17.07	16.83	16.95		
20	256QAM	1	99	16.86	16.83	16.83	16.79		
20	256QAM	50	0	16.99	17.15	17.06	17.02	17.5	1.6
20	256QAM	50	24	16.91	17.01	16.99	16.92		
20	256QAM	50	50	16.92	16.99	16.91	16.94		
20	256QAM	100	0	17.08	17.22	17.03	17.17		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	17.81	17.92	17.80	17.75	19.1	0
15	QPSK	1	37	17.82	17.81	17.73	17.76		
15	QPSK	1	74	17.69	17.80	17.74	17.71		
15	QPSK	36	0	17.69	17.85	17.59	17.69	19.1	0
15	QPSK	36	20	17.60	17.70	17.62	17.65		
15	QPSK	36	39	17.69	17.73	17.51	17.53		
15	QPSK	75	0	17.74	17.75	17.70	17.65		
15	16QAM	1	0	17.75	17.78	17.73	17.71	19.1	0
15	16QAM	1	37	17.63	17.73	17.57	17.67		
15	16QAM	1	74	17.68	17.78	17.64	17.63		
15	16QAM	36	0	17.64	17.85	17.60	17.65	19.1	0
15	16QAM	36	20	17.65	17.82	17.63	17.51		
15	16QAM	36	39	17.74	17.75	17.67	17.77		
15	16QAM	75	0	17.62	17.76	17.57	17.60		
15	64QAM	1	0	17.59	17.68	17.69	17.60	19.1	0
15	64QAM	1	37	17.67	17.78	17.69	17.58		
15	64QAM	1	74	17.64	17.68	17.67	17.66		
15	64QAM	36	0	17.62	17.76	17.70	17.64	19.1	0
15	64QAM	36	20	17.63	17.79	17.64	17.60		
15	64QAM	36	39	17.60	17.68	17.61	17.51		
15	64QAM	75	0	17.70	17.72	17.55	17.60		
15	256QAM	1	0	16.81	17.03	16.79	16.91	17.5	1.6
15	256QAM	1	37	16.67	17.01	16.74	16.81		
15	256QAM	1	74	16.77	16.68	16.73	16.73		
15	256QAM	36	0	16.90	17.03	17.02	16.91	17.5	1.6
15	256QAM	36	20	16.87	16.94	16.95	16.87		
15	256QAM	36	39	16.79	16.92	16.83	16.91		
15	256QAM	75	0	17.03	17.10	16.90	17.11		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	17.83	17.91	17.74	17.82	19.1	0
10	QPSK	1	25	17.77	17.86	17.69	17.71		
10	QPSK	1	49	17.67	17.90	17.76	17.69		
10	QPSK	25	0	17.62	17.82	17.69	17.74	19.1	0
10	QPSK	25	12	17.57	17.71	17.69	17.56		
10	QPSK	25	25	17.64	17.77	17.53	17.58		
10	QPSK	50	0	17.64	17.82	17.70	17.61		
10	16QAM	1	0	17.72	17.84	17.69	17.61	19.1	0
10	16QAM	1	25	17.64	17.80	17.49	17.70		
10	16QAM	1	49	17.67	17.84	17.65	17.71		
10	16QAM	25	0	17.71	17.80	17.64	17.68	19.1	0
10	16QAM	25	12	17.56	17.79	17.62	17.56		
10	16QAM	25	25	17.74	17.74	17.73	17.69		
10	16QAM	50	0	17.56	17.79	17.63	17.64		
10	64QAM	1	0	17.56	17.66	17.65	17.59	19.1	0
10	64QAM	1	25	17.70	17.78	17.63	17.50		
10	64QAM	1	49	17.61	17.78	17.69	17.64		
10	64QAM	25	0	17.72	17.71	17.76	17.66	19.1	0
10	64QAM	25	12	17.56	17.80	17.53	17.59		
10	64QAM	25	25	17.58	17.61	17.61	17.54		
10	64QAM	50	0	17.69	17.69	17.57	17.68		
10	256QAM	1	0	16.82	16.96	16.84	16.87	17.5	1.6
10	256QAM	1	25	16.77	16.93	16.77	16.81		
10	256QAM	1	49	16.83	16.72	16.70	16.71		
10	256QAM	25	0	16.89	17.02	16.98	16.94	17.5	1.6
10	256QAM	25	12	16.88	16.96	16.92	16.78		
10	256QAM	25	25	16.79	16.86	16.81	16.81		
10	256QAM	50	0	16.98	17.17	16.89	17.05		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	17.85	17.85	17.75	17.85	19.1	0
5	QPSK	1	12	17.73	17.86	17.74	17.71		
5	QPSK	1	24	17.66	17.85	17.67	17.72		
5	QPSK	12	0	17.60	17.77	17.68	17.69	19.1	0
5	QPSK	12	7	17.67	17.77	17.63	17.64		
5	QPSK	12	13	17.58	17.75	17.57	17.59		
5	QPSK	25	0	17.74	17.74	17.64	17.61		
5	16QAM	1	0	17.82	17.82	17.74	17.66	19.1	0
5	16QAM	1	12	17.58	17.69	17.51	17.62		
5	16QAM	1	24	17.69	17.83	17.68	17.69		
5	16QAM	12	0	17.68	17.80	17.63	17.62	19.1	0
5	16QAM	12	7	17.64	17.80	17.61	17.53		
5	16QAM	12	13	17.70	17.78	17.67	17.74		
5	16QAM	25	0	17.54	17.68	17.55	17.57		
5	64QAM	1	0	17.48	17.70	17.71	17.66	19.1	0
5	64QAM	1	12	17.67	17.84	17.66	17.61		
5	64QAM	1	24	17.58	17.68	17.67	17.69		
5	64QAM	12	0	17.66	17.65	17.70	17.65	19.1	0
5	64QAM	12	7	17.61	17.75	17.55	17.61		
5	64QAM	12	13	17.61	17.67	17.64	17.56		
5	64QAM	25	0	17.73	17.66	17.65	17.67		
5	256QAM	1	0	16.87	17.03	16.80	16.87	17.5	1.6
5	256QAM	1	12	16.70	16.92	16.69	16.83		
5	256QAM	1	24	16.73	16.76	16.73	16.71		
5	256QAM	12	0	16.94	17.02	16.92	16.94	17.5	1.6
5	256QAM	12	7	16.84	16.93	16.85	16.85		
5	256QAM	12	13	16.82	16.85	16.80	16.79		
5	256QAM	25	0	17.01	17.14	16.97	17.10		

Reduced Power Mode for DSI2-Simultaneous

GSM850 Ant0

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	32.90	32.97	32.94	33.50	23.90	23.97	23.94	24.50
GPRS 1 Tx slot	32.83	32.94	32.91	33.50	23.83	23.94	23.91	24.50
GPRS 2 Tx slots	29.30	29.41	29.26	30.50	23.30	23.41	23.26	24.50
GPRS 3 Tx slots	28.91	28.98	28.86	30.00	24.65	24.72	24.60	25.74
GPRS 4 Tx slots	26.41	26.47	26.40	27.50	23.41	23.47	23.40	24.50
EDGE 1 Tx slot	25.42	25.46	25.37	26.50	16.42	16.46	16.37	17.50
EDGE 2 Tx slots	23.77	23.89	23.79	25.00	17.77	17.89	17.79	19.00
EDGE 3 Tx slots	22.66	22.69	22.62	23.50	18.40	18.43	18.36	19.24
EDGE 4 Tx slots	20.59	20.63	20.60	21.50	17.59	17.63	17.60	18.50

GSM1900 Ant0

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	27.61	27.66	27.57	28.50	18.61	18.66	18.57	19.50
GPRS 1 Tx slot	27.54	27.63	27.58	28.50	18.54	18.63	18.58	19.50
GPRS 2 Tx slots	24.84	24.94	24.83	26.00	18.84	18.94	18.83	20.00
GPRS 3 Tx slots	23.33	23.39	23.33	24.50	19.07	19.13	19.07	20.24
GPRS 4 Tx slots	20.70	20.75	20.68	21.50	17.70	17.75	17.68	18.50
EDGE 1 Tx slot	22.79	22.87	22.73	23.50	13.79	13.87	13.73	14.50
EDGE 2 Tx slots	21.09	21.19	21.11	22.00	15.09	15.19	15.11	16.00
EDGE 3 Tx slots	20.07	20.12	20.04	21.00	15.81	15.86	15.78	16.74
EDGE 4 Tx slots	17.96	18.09	18.04	19.00	14.96	15.09	15.04	16.00

WCDMA II Ant0 / WCDMA IV Ant0 / WCDMA V Ant0

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	20.57	20.65	20.53	22.00	20.39	20.47	20.38	22.00	22.43	22.47	22.40	24.00
3GPP Rel 99	RMC 12.2Kbps	20.62	20.68	20.57	22.00	20.45	20.51	20.41	22.00	22.45	22.52	22.46	24.00
3GPP Rel 6	HSDPA Subtest-1	19.72	19.76	19.70	21.00	19.59	19.66	19.50	21.00	21.55	21.69	21.48	23.00
3GPP Rel 6	HSDPA Subtest-2	19.66	19.73	19.65	21.00	19.50	19.58	19.52	21.00	21.46	21.60	21.54	23.00
3GPP Rel 6	HSDPA Subtest-3	19.19	19.25	19.23	20.50	19.00	19.11	19.08	20.50	21.01	21.14	21.04	22.50
3GPP Rel 6	HSDPA Subtest-4	19.15	19.30	19.21	20.50	18.96	19.18	19.03	20.50	20.98	21.24	21.06	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	19.70	19.85	19.64	21.00	19.54	19.68	19.46	21.00	21.55	21.72	21.42	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	19.56	19.59	19.41	21.00	19.38	19.40	19.32	21.00	21.34	21.42	21.32	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	19.06	19.12	19.05	20.50	18.92	18.93	18.89	20.50	20.95	20.93	20.92	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	19.02	19.15	19.12	20.50	18.90	18.99	19.01	20.50	20.89	21.00	21.03	22.50
3GPP Rel 6	HSUPA Subtest-1	19.66	19.73	19.70	21.00	19.55	19.63	19.61	21.00	21.61	21.68	21.67	23.00
3GPP Rel 6	HSUPA Subtest-2	17.71	17.75	17.64	19.00	17.54	17.60	17.51	19.00	19.57	19.63	19.50	21.00
3GPP Rel 6	HSUPA Subtest-3	18.65	18.73	18.70	20.00	18.52	18.58	18.58	20.00	20.52	20.59	20.61	22.00
3GPP Rel 6	HSUPA Subtest-4	17.61	17.66	17.57	19.00	17.44	17.51	17.48	19.00	19.45	19.52	19.49	21.00
3GPP Rel 6	HSUPA Subtest-5	19.64	19.60	19.52	21.00	19.53	19.48	19.38	21.00	21.55	21.44	21.40	23.00

Band 2 Default Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	23.11	23.16	23.07	24	0
20	QPSK	1	49	22.93	23.02	22.89		
20	QPSK	1	99	22.99	23.07	22.97		
20	QPSK	50	0	22.98	23.13	23.05	24	0
20	QPSK	50	24	22.94	23.08	22.98		
20	QPSK	50	50	22.92	23.04	22.96		
20	QPSK	100	0	22.99	23.05	22.91		
20	16QAM	1	0	22.95	23.02	22.88	24	0
20	16QAM	1	49	22.85	22.98	22.90		
20	16QAM	1	99	22.70	22.85	22.80		
20	16QAM	50	0	22.55	22.62	22.54	23.5	0.5
20	16QAM	50	24	22.34	22.48	22.34		
20	16QAM	50	50	22.35	22.42	22.27		
20	16QAM	100	0	22.39	22.52	22.47		
20	64QAM	1	0	22.72	22.82	22.72	23.5	0.5
20	64QAM	1	49	22.68	22.76	22.67		
20	64QAM	1	99	22.50	22.55	22.46		
20	64QAM	50	0	21.64	21.71	21.56	22.5	1.5
20	64QAM	50	24	21.46	21.55	21.50		
20	64QAM	50	50	21.42	21.46	21.35		
20	64QAM	100	0	21.43	21.52	21.38		
20	256QAM	1	0	19.80	19.89	19.85	20.5	3.5
20	256QAM	1	49	19.82	19.86	19.80		
20	256QAM	1	99	19.56	19.62	19.57		
20	256QAM	50	0	19.74	19.86	19.80	20.5	3.5
20	256QAM	50	24	19.60	19.73	19.63		
20	256QAM	50	50	19.70	19.81	19.78		
20	256QAM	100	0	19.67	19.78	19.67		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	23.03	23.10	22.99	24	0
15	QPSK	1	37	22.79	22.90	22.82		
15	QPSK	1	74	22.91	22.95	22.83		
15	QPSK	36	0	22.87	22.99	22.90	24	0
15	QPSK	36	20	22.81	22.94	22.87		
15	QPSK	36	39	22.87	22.96	22.82		
15	QPSK	75	0	22.91	23.00	22.89		
15	16QAM	1	0	22.90	22.90	22.79	24	0
15	16QAM	1	37	22.77	22.86	22.83		
15	16QAM	1	74	22.56	22.73	22.66		
15	16QAM	36	0	22.50	22.55	22.45	23.5	0.5
15	16QAM	36	20	22.21	22.37	22.26		
15	16QAM	36	39	22.24	22.31	22.19		
15	16QAM	75	0	22.31	22.48	22.42		
15	64QAM	1	0	22.67	22.68	22.59	23.5	0.5
15	64QAM	1	37	22.59	22.72	22.61		
15	64QAM	1	74	22.42	22.40	22.34		
15	64QAM	36	0	21.56	21.67	21.49	22.5	1.5
15	64QAM	36	20	21.36	21.46	21.43		
15	64QAM	36	39	21.28	21.35	21.23		
15	64QAM	75	0	21.38	21.37	21.29		
15	256QAM	1	0	19.65	19.84	19.70	20.5	3.5
15	256QAM	1	37	19.69	19.82	19.77		
15	256QAM	1	74	19.42	19.51	19.42		
15	256QAM	36	0	19.65	19.73	19.66	20.5	3.5
15	256QAM	36	20	19.48	19.65	19.50		
15	256QAM	36	39	19.66	19.73	19.67		
15	256QAM	75	0	19.58	19.71	19.56		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	23.02	23.04	23.00	24	0
10	QPSK	1	25	22.87	22.88	22.81		
10	QPSK	1	49	22.92	22.94	22.82		
10	QPSK	25	0	22.83	23.01	23.01	24	0
10	QPSK	25	12	22.81	23.00	22.94		
10	QPSK	25	25	22.80	22.89	22.89		
10	QPSK	50	0	22.89	22.95	22.91		
10	16QAM	1	0	22.88	22.90	22.86	24	0
10	16QAM	1	25	22.79	22.91	22.85		
10	16QAM	1	49	22.59	22.73	22.75		
10	16QAM	25	0	22.48	22.51	22.42	23.5	0.5
10	16QAM	25	12	22.20	22.34	22.20		
10	16QAM	25	25	22.26	22.27	22.20		
10	16QAM	50	0	22.28	22.44	22.37		
10	64QAM	1	0	22.60	22.76	22.60	23.5	0.5
10	64QAM	1	25	22.56	22.64	22.58		
10	64QAM	1	49	22.43	22.45	22.32		
10	64QAM	25	0	21.56	21.65	21.45	22.5	1.5
10	64QAM	25	12	21.33	21.46	21.44		
10	64QAM	25	25	21.39	21.36	21.28		
10	64QAM	50	0	21.31	21.39	21.27		
10	256QAM	1	0	19.76	19.86	19.77	20.5	3.5
10	256QAM	1	25	19.77	19.82	19.68		
10	256QAM	1	49	19.52	19.50	19.53		
10	256QAM	25	0	19.60	19.82	19.70	20.5	3.5
10	256QAM	25	12	19.46	19.61	19.51		
10	256QAM	25	25	19.63	19.71	19.66		
10	256QAM	50	0	19.52	19.66	19.61		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	23.02	23.06	22.99	24	0
5	QPSK	1	12	22.88	22.95	22.74		
5	QPSK	1	24	22.90	22.95	22.94		
5	QPSK	12	0	22.93	23.02	22.90	24	0
5	QPSK	12	7	22.89	23.03	22.87		
5	QPSK	12	13	22.80	22.98	22.82		
5	QPSK	25	0	22.88	22.93	22.92		
5	16QAM	1	0	22.91	22.88	22.83	24	0
5	16QAM	1	12	22.79	22.94	22.87		
5	16QAM	1	24	22.58	22.74	22.70		
5	16QAM	12	0	22.40	22.49	22.41	23.5	0.5
5	16QAM	12	7	22.22	22.41	22.27		
5	16QAM	12	13	22.31	22.27	22.14		
5	16QAM	25	0	22.26	22.38	22.37		
5	64QAM	1	0	22.59	22.68	22.64	23.5	0.5
5	64QAM	1	12	22.61	22.73	22.63		
5	64QAM	1	24	22.42	22.44	22.34		
5	64QAM	12	0	21.54	21.68	21.43	22.5	1.5
5	64QAM	12	7	21.31	21.46	21.42		
5	64QAM	12	13	21.29	21.32	21.21		
5	64QAM	25	0	21.30	21.44	21.29		
5	256QAM	1	0	19.74	19.84	19.67	20.5	3.5
5	256QAM	1	12	19.75	19.78	19.67		
5	256QAM	1	24	19.49	19.55	19.49		
5	256QAM	12	0	19.66	19.75	19.71	20.5	3.5
5	256QAM	12	7	19.51	19.69	19.55		
5	256QAM	12	13	19.67	19.74	19.64		
5	256QAM	25	0	19.62	19.73	19.58		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	23.01	23.02	22.96	24	0
3	QPSK	1	8	22.89	22.91	22.86		
3	QPSK	1	14	22.89	22.95	22.83		
3	QPSK	8	0	22.91	23.06	22.98	24	0
3	QPSK	8	4	22.83	23.04	22.92		
3	QPSK	8	7	22.86	22.99	22.83		
3	QPSK	15	0	22.87	22.98	22.90		
3	16QAM	1	0	22.85	22.98	22.83	24	0
3	16QAM	1	8	22.71	22.87	22.78		
3	16QAM	1	14	22.59	22.74	22.65		
3	16QAM	8	0	22.41	22.57	22.40	23.5	0.5
3	16QAM	8	4	22.23	22.41	22.24		
3	16QAM	8	7	22.31	22.33	22.14		
3	16QAM	15	0	22.31	22.45	22.41		
3	64QAM	1	0	22.59	22.77	22.60	23.5	0.5
3	64QAM	1	8	22.55	22.67	22.54		
3	64QAM	1	14	22.42	22.43	22.38		
3	64QAM	8	0	21.56	21.59	21.52	22.5	1.5
3	64QAM	8	4	21.35	21.45	21.35		
3	64QAM	8	7	21.34	21.33	21.27		
3	64QAM	15	0	21.34	21.44	21.30		
3	256QAM	1	0	19.77	19.76	19.69	20.5	3.5
3	256QAM	1	8	19.76	19.79	19.65		
3	256QAM	1	14	19.52	19.58	19.51		
3	256QAM	8	0	19.71	19.75	19.75	20.5	3.5
3	256QAM	8	4	19.50	19.68	19.59		
3	256QAM	8	7	19.60	19.66	19.73		
3	256QAM	15	0	19.63	19.70	19.59		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	23.04	23.11	23.01	24	0
1.4	QPSK	1	3	22.83	22.95	22.74		
1.4	QPSK	1	5	22.86	22.99	22.85		
1.4	QPSK	3	0	22.85	23.08	23.01		
1.4	QPSK	3	1	22.85	23.04	22.84		
1.4	QPSK	3	3	22.78	22.94	22.88		
1.4	QPSK	6	0	22.84	23.00	22.90	24	0
1.4	16QAM	1	0	22.80	22.93	22.87	24	0
1.4	16QAM	1	3	22.82	22.86	22.78		
1.4	16QAM	1	5	22.86	22.93	22.90		
1.4	16QAM	3	0	22.83	22.95	22.79		
1.4	16QAM	3	1	22.78	22.88	22.80		
1.4	16QAM	3	3	22.61	22.77	22.73		
1.4	16QAM	6	0	22.51	22.52	22.43	23.5	0.5
1.4	64QAM	1	0	22.19	22.34	22.24	23.5	0.5
1.4	64QAM	1	3	22.21	22.32	22.21		
1.4	64QAM	1	5	22.25	22.45	22.39		
1.4	64QAM	3	0	22.58	22.77	22.63		
1.4	64QAM	3	1	22.60	22.67	22.52		
1.4	64QAM	3	3	22.35	22.40	22.40		
1.4	64QAM	6	0	21.53	21.61	21.43	22.5	1.5
1.4	256QAM	1	0	19.76	19.83	19.76	20.5	3.5
1.4	256QAM	1	3	19.77	19.82	19.69		
1.4	256QAM	1	5	19.47	19.55	19.49		
1.4	256QAM	3	0	19.67	19.82	19.67		
1.4	256QAM	3	1	19.47	19.66	19.54		
1.4	256QAM	3	3	19.62	19.75	19.72		
1.4	256QAM	6	0	19.57	19.73	19.54	20.5	3.5

Band 4 Default Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	23.07	23.21	23.15	24	0
20	QPSK	1	49	22.94	23.09	23.06		
20	QPSK	1	99	22.89	23.05	23.00		
20	QPSK	50	0	22.97	23.18	23.05	24	0
20	QPSK	50	24	23.02	23.09	22.99		
20	QPSK	50	50	22.95	23.02	22.95		
20	QPSK	100	0	23.03	23.14	23.04		
20	16QAM	1	0	22.93	23.07	22.87	24	0
20	16QAM	1	49	22.87	22.91	22.91		
20	16QAM	1	99	22.75	22.87	22.83		
20	16QAM	50	0	22.72	22.92	22.75	23.5	0.5
20	16QAM	50	24	22.66	22.80	22.75		
20	16QAM	50	50	22.63	22.73	22.71		
20	16QAM	100	0	22.75	22.86	22.78		
20	64QAM	1	0	22.80	22.96	22.80	23.5	0.5
20	64QAM	1	49	22.78	22.76	22.83		
20	64QAM	1	99	22.65	22.82	22.69		
20	64QAM	50	0	21.86	21.97	21.80	22.5	1.5
20	64QAM	50	24	21.79	21.80	21.76		
20	64QAM	50	50	21.75	21.73	21.70		
20	64QAM	100	0	21.73	21.89	21.71		
20	256QAM	1	0	19.91	20.01	19.84	20.5	3.5
20	256QAM	1	49	19.74	19.88	19.86		
20	256QAM	1	99	19.77	19.78	19.72		
20	256QAM	50	0	19.77	19.98	19.88	20.5	3.5
20	256QAM	50	24	19.76	19.80	19.73		
20	256QAM	50	50	19.72	19.74	19.74		
20	256QAM	100	0	19.70	19.83	19.67		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	23.02	23.14	23.06	24	0
15	QPSK	1	37	22.83	22.98	23.01		
15	QPSK	1	74	22.85	22.95	22.96		
15	QPSK	36	0	22.87	23.05	23.01	24	0
15	QPSK	36	20	22.95	23.06	22.87		
15	QPSK	36	39	22.81	22.93	22.82		
15	QPSK	75	0	22.95	23.04	22.95		
15	16QAM	1	0	22.83	23.04	22.72	24	0
15	16QAM	1	37	22.82	22.77	22.82		
15	16QAM	1	74	22.67	22.80	22.78		
15	16QAM	36	0	22.62	22.84	22.67	23.5	0.5
15	16QAM	36	20	22.59	22.70	22.68		
15	16QAM	36	39	22.49	22.62	22.65		
15	16QAM	75	0	22.62	22.81	22.68		
15	64QAM	1	0	22.69	22.84	22.66	23.5	0.5
15	64QAM	1	37	22.72	22.70	22.77		
15	64QAM	1	74	22.50	22.73	22.57		
15	64QAM	36	0	21.71	21.91	21.66	22.5	1.5
15	64QAM	36	20	21.71	21.72	21.70		
15	64QAM	36	39	21.64	21.67	21.59		
15	64QAM	75	0	21.69	21.84	21.63		
15	256QAM	1	0	19.88	19.91	19.77	20.5	3.5
15	256QAM	1	37	19.68	19.81	19.79		
15	256QAM	1	74	19.65	19.73	19.63		
15	256QAM	36	0	19.62	19.88	19.78	20.5	3.5
15	256QAM	36	20	19.66	19.67	19.69		
15	256QAM	36	39	19.61	19.64	19.71		
15	256QAM	75	0	19.62	19.70	19.60		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.94	23.10	23.01	24	0
10	QPSK	1	25	22.82	22.98	23.01		
10	QPSK	1	49	22.76	22.96	22.92		
10	QPSK	25	0	22.88	23.13	22.93	24	0
10	QPSK	25	12	22.89	23.04	22.94		
10	QPSK	25	25	22.85	22.90	22.89		
10	QPSK	50	0	22.92	23.11	22.99		
10	16QAM	1	0	22.80	22.97	22.75	24	0
10	16QAM	1	25	22.82	22.87	22.85		
10	16QAM	1	49	22.67	22.80	22.71		
10	16QAM	25	0	22.59	22.78	22.66	23.5	0.5
10	16QAM	25	12	22.57	22.69	22.66		
10	16QAM	25	25	22.60	22.69	22.56		
10	16QAM	50	0	22.62	22.75	22.74		
10	64QAM	1	0	22.76	22.86	22.72	23.5	0.5
10	64QAM	1	25	22.75	22.66	22.79		
10	64QAM	1	49	22.50	22.78	22.63		
10	64QAM	25	0	21.77	21.92	21.72	22.5	1.5
10	64QAM	25	12	21.73	21.69	21.72		
10	64QAM	25	25	21.60	21.64	21.61		
10	64QAM	50	0	21.64	21.80	21.68		
10	256QAM	1	0	19.83	19.87	19.76	20.5	3.5
10	256QAM	1	25	19.61	19.84	19.82		
10	256QAM	1	49	19.67	19.67	19.66		
10	256QAM	25	0	19.66	19.84	19.80	20.5	3.5
10	256QAM	25	12	19.66	19.69	19.65		
10	256QAM	25	25	19.65	19.61	19.64		
10	256QAM	50	0	19.55	19.78	19.62		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	23.01	23.08	23.06	24	0
5	QPSK	1	12	22.80	23.04	22.97		
5	QPSK	1	24	22.79	23.01	22.91		
5	QPSK	12	0	22.88	23.15	22.93	24	0
5	QPSK	12	7	22.87	23.06	22.94		
5	QPSK	12	13	22.88	22.93	22.80		
5	QPSK	25	0	22.91	23.08	22.98		
5	16QAM	1	0	22.90	23.01	22.84	24	0
5	16QAM	1	12	22.82	22.84	22.78		
5	16QAM	1	24	22.70	22.76	22.72		
5	16QAM	12	0	22.62	22.89	22.69	23.5	0.5
5	16QAM	12	7	22.63	22.73	22.66		
5	16QAM	12	13	22.59	22.61	22.64		
5	16QAM	25	0	22.67	22.71	22.66		
5	64QAM	1	0	22.73	22.93	22.68	23.5	0.5
5	64QAM	1	12	22.75	22.70	22.73		
5	64QAM	1	24	22.50	22.69	22.59		
5	64QAM	12	0	21.78	21.83	21.73	22.5	1.5
5	64QAM	12	7	21.68	21.77	21.67		
5	64QAM	12	13	21.68	21.59	21.61		
5	64QAM	25	0	21.70	21.84	21.66		
5	256QAM	1	0	19.77	19.86	19.70	20.5	3.5
5	256QAM	1	12	19.68	19.74	19.81		
5	256QAM	1	24	19.72	19.63	19.68		
5	256QAM	12	0	19.69	19.86	19.78	20.5	3.5
5	256QAM	12	7	19.72	19.74	19.67		
5	256QAM	12	13	19.69	19.69	19.66		
5	256QAM	25	0	19.64	19.77	19.53		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.93	23.07	23.02	24	0
3	QPSK	1	8	22.79	23.02	22.92		
3	QPSK	1	14	22.80	23.01	22.95		
3	QPSK	8	0	22.92	23.07	22.90	24	0
3	QPSK	8	4	22.95	22.98	22.95		
3	QPSK	8	7	22.92	22.88	22.81		
3	QPSK	15	0	22.99	23.03	22.94		
3	16QAM	1	0	22.81	22.96	22.80	24	0
3	16QAM	1	8	22.77	22.78	22.79		
3	16QAM	1	14	22.62	22.82	22.80		
3	16QAM	8	0	22.58	22.80	22.71	23.5	0.5
3	16QAM	8	4	22.57	22.72	22.62		
3	16QAM	8	7	22.51	22.65	22.67		
3	16QAM	15	0	22.62	22.72	22.67		
3	64QAM	1	0	22.66	22.91	22.76	23.5	0.5
3	64QAM	1	8	22.63	22.67	22.68		
3	64QAM	1	14	22.52	22.77	22.63		
3	64QAM	8	0	21.71	21.94	21.70	22.5	1.5
3	64QAM	8	4	21.69	21.77	21.67		
3	64QAM	8	7	21.70	21.67	21.59		
3	64QAM	15	0	21.61	21.78	21.64		
3	256QAM	1	0	19.79	19.97	19.81	20.5	3.5
3	256QAM	1	8	19.60	19.83	19.75		
3	256QAM	1	14	19.74	19.67	19.68		
3	256QAM	8	0	19.74	19.94	19.75	20.5	3.5
3	256QAM	8	4	19.66	19.76	19.62		
3	256QAM	8	7	19.63	19.62	19.63		
3	256QAM	15	0	19.57	19.70	19.60		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.96	23.16	23.01	24	0
1.4	QPSK	1	3	22.87	22.99	22.98		
1.4	QPSK	1	5	22.84	22.94	22.94		
1.4	QPSK	3	0	22.87	23.11	22.94		
1.4	QPSK	3	1	22.89	23.03	22.87		
1.4	QPSK	3	3	22.85	22.98	22.81		
1.4	QPSK	6	0	22.95	23.06	22.99	24	0
1.4	16QAM	1	0	22.82	22.96	22.75	24	0
1.4	16QAM	1	3	22.74	22.84	22.88		
1.4	16QAM	1	5	22.65	22.76	22.68		
1.4	16QAM	3	0	22.66	22.83	22.62		
1.4	16QAM	3	1	22.56	22.73	22.69		
1.4	16QAM	3	3	22.67	22.77	22.75		
1.4	16QAM	6	0	22.62	22.80	22.71	23.5	0.5
1.4	64QAM	1	0	22.52	22.74	22.69	23.5	0.5
1.4	64QAM	1	3	22.52	22.62	22.58		
1.4	64QAM	1	5	22.68	22.82	22.69		
1.4	64QAM	3	0	22.71	22.82	22.74		
1.4	64QAM	3	1	22.63	22.64	22.79		
1.4	64QAM	3	3	22.53	22.68	22.59		
1.4	64QAM	6	0	21.81	21.87	21.75	22.5	1.5
1.4	256QAM	1	0	19.77	19.93	19.81	20.5	3.5
1.4	256QAM	1	3	19.64	19.80	19.78		
1.4	256QAM	1	5	19.63	19.65	19.66		
1.4	256QAM	3	0	19.69	19.85	19.81		
1.4	256QAM	3	1	19.67	19.75	19.60		
1.4	256QAM	3	3	19.63	19.69	19.70		
1.4	256QAM	6	0	19.64	19.73	19.58	20.5	3.5

Band 5 Default Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.52	22.57	22.46	24	0
10	QPSK	1	25	22.36	22.46	22.32		
10	QPSK	1	49	22.31	22.33	22.22		
10	QPSK	25	0	22.37	22.54	22.41	24	0
10	QPSK	25	12	22.33	22.45	22.35		
10	QPSK	25	25	22.24	22.30	22.27		
10	QPSK	50	0	22.31	22.49	22.30		
10	16QAM	1	0	22.26	22.47	22.31	24	0
10	16QAM	1	25	22.31	22.35	22.24		
10	16QAM	1	49	22.23	22.28	22.26		
10	16QAM	25	0	22.30	22.43	22.28	23.5	0.5
10	16QAM	25	12	22.21	22.23	22.23		
10	16QAM	25	25	22.17	22.18	22.13		
10	16QAM	50	0	22.25	22.35	22.19		
10	64QAM	1	0	22.15	22.33	22.14	23.5	0.5
10	64QAM	1	25	22.16	22.24	22.19		
10	64QAM	1	49	22.02	22.14	22.05		
10	64QAM	25	0	21.33	21.48	21.28	22.5	1.5
10	64QAM	25	12	21.24	21.33	21.28		
10	64QAM	25	25	21.20	21.34	21.26		
10	64QAM	50	0	21.25	21.36	21.21		
10	256QAM	1	0	19.21	19.39	19.30	20.5	3.5
10	256QAM	1	25	19.22	19.29	19.25		
10	256QAM	1	49	19.18	19.14	19.14		
10	256QAM	25	0	19.20	19.35	19.21	20.5	3.5
10	256QAM	25	12	19.19	19.24	19.19		
10	256QAM	25	25	19.09	19.22	19.07		
10	256QAM	50	0	19.19	19.30	19.10		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	22.38	22.45	22.36	24	0
5	QPSK	1	12	22.27	22.40	22.20		
5	QPSK	1	24	22.28	22.21	22.17		
5	QPSK	12	0	22.23	22.50	22.34	24	0
5	QPSK	12	7	22.18	22.41	22.23		
5	QPSK	12	13	22.18	22.24	22.18		
5	QPSK	25	0	22.20	22.44	22.24		
5	16QAM	1	0	22.15	22.41	22.18	24	0
5	16QAM	1	12	22.17	22.22	22.14		
5	16QAM	1	24	22.15	22.14	22.18		
5	16QAM	12	0	22.21	22.39	22.18	23.5	0.5
5	16QAM	12	7	22.15	22.16	22.13		
5	16QAM	12	13	22.08	22.04	22.02		
5	16QAM	25	0	22.13	22.25	22.07		
5	64QAM	1	0	22.06	22.21	22.00	23.5	0.5
5	64QAM	1	12	22.13	22.19	22.16		
5	64QAM	1	24	21.96	22.02	22.00		
5	64QAM	12	0	21.28	21.38	21.18	22.5	1.5
5	64QAM	12	7	21.18	21.19	21.14		
5	64QAM	12	13	21.05	21.22	21.23		
5	64QAM	25	0	21.22	21.28	21.06		
5	256QAM	1	0	19.11	19.25	19.25	20.5	3.5
5	256QAM	1	12	19.14	19.18	19.11		
5	256QAM	1	24	19.10	19.05	19.02		
5	256QAM	12	0	19.07	19.30	19.08	20.5	3.5
5	256QAM	12	7	19.08	19.15	19.11		
5	256QAM	12	13	19.05	19.11	19.03		
5	256QAM	25	0	19.06	19.17	18.99		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	22.42	22.52	22.43	24	0
3	QPSK	1	8	22.29	22.34	22.18		
3	QPSK	1	14	22.27	22.29	22.12		
3	QPSK	8	0	22.23	22.43	22.30	24	0
3	QPSK	8	4	22.24	22.35	22.22		
3	QPSK	8	7	22.19	22.20	22.20		
3	QPSK	15	0	22.24	22.37	22.20		
3	16QAM	1	0	22.20	22.41	22.19	24	0
3	16QAM	1	8	22.24	22.32	22.13		
3	16QAM	1	14	22.15	22.16	22.13		
3	16QAM	8	0	22.23	22.32	22.21	23.5	0.5
3	16QAM	8	4	22.15	22.12	22.17		
3	16QAM	8	7	22.06	22.04	22.01		
3	16QAM	15	0	22.11	22.30	22.07		
3	64QAM	1	0	22.09	22.28	22.06	23.5	0.5
3	64QAM	1	8	22.11	22.09	22.15		
3	64QAM	1	14	21.91	22.01	21.94		
3	64QAM	8	0	21.25	21.44	21.17	22.5	1.5
3	64QAM	8	4	21.18	21.29	21.18		
3	64QAM	8	7	21.09	21.27	21.13		
3	64QAM	15	0	21.13	21.27	21.14		
3	256QAM	1	0	19.17	19.29	19.20	20.5	3.5
3	256QAM	1	8	19.07	19.18	19.17		
3	256QAM	1	14	19.06	19.09	19.01		
3	256QAM	8	0	19.16	19.26	19.06	20.5	3.5
3	256QAM	8	4	19.15	19.18	19.16		
3	256QAM	8	7	19.05	19.08	19.03		
3	256QAM	15	0	19.10	19.18	19.03		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	22.41	22.51	22.42	24	0
1.4	QPSK	1	3	22.24	22.36	22.26		
1.4	QPSK	1	5	22.23	22.22	22.16		
1.4	QPSK	3	0	22.34	22.48	22.37		
1.4	QPSK	3	1	22.30	22.33	22.22		
1.4	QPSK	3	3	22.13	22.20	22.13		
1.4	QPSK	6	0	22.21	22.44	22.20	24	0
1.4	16QAM	1	0	22.17	22.32	22.24	24	0
1.4	16QAM	1	3	22.18	22.26	22.10		
1.4	16QAM	1	5	22.15	22.17	22.18		
1.4	16QAM	3	0	22.23	22.31	22.19		
1.4	16QAM	3	1	22.21	22.24	22.16		
1.4	16QAM	3	3	22.19	22.25	22.19		
1.4	16QAM	6	0	22.16	22.29	22.18	23.5	0.5
1.4	64QAM	1	0	22.22	22.25	22.21	23.5	0.5
1.4	64QAM	1	3	22.17	22.27	22.12		
1.4	64QAM	1	5	22.03	22.28	22.09		
1.4	64QAM	3	0	22.03	22.11	22.11		
1.4	64QAM	3	1	21.97	22.06	21.94		
1.4	64QAM	3	3	21.97	22.07	22.01		
1.4	64QAM	6	0	21.21	21.40	21.15	22.5	1.5
1.4	256QAM	1	0	19.13	19.35	19.22	20.5	3.5
1.4	256QAM	1	3	19.14	19.22	19.21		
1.4	256QAM	1	5	19.05	18.99	19.07		
1.4	256QAM	3	0	19.14	19.27	19.10		
1.4	256QAM	3	1	19.09	19.21	19.06		
1.4	256QAM	3	3	18.98	19.14	19.02		
1.4	256QAM	6	0	19.11	19.18	19.01	20.5	3.5

Band 7 Default Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	20.93	21.12	21.03	22	0
20	QPSK	1	49	20.78	20.86	20.85		
20	QPSK	1	99	20.86	20.89	20.86		
20	QPSK	50	0	20.86	21.04	20.86	22	0
20	QPSK	50	24	20.83	20.95	20.89		
20	QPSK	50	50	20.80	20.85	20.77		
20	QPSK	100	0	20.82	20.94	20.82		
20	16QAM	1	0	20.73	20.81	20.74	22	0
20	16QAM	1	49	20.63	20.74	20.74		
20	16QAM	1	99	20.49	20.65	20.70		
20	16QAM	50	0	20.68	20.74	20.57	22	0
20	16QAM	50	24	20.54	20.67	20.55		
20	16QAM	50	50	20.56	20.60	20.53		
20	16QAM	100	0	20.43	20.62	20.37		
20	64QAM	1	0	20.83	20.91	20.98	22	0
20	64QAM	1	49	20.85	20.78	20.83		
20	64QAM	1	99	20.88	20.76	20.88		
20	64QAM	50	0	19.80	19.91	19.78	21	1
20	64QAM	50	24	19.64	19.71	19.66		
20	64QAM	50	50	19.62	19.66	19.68		
20	64QAM	100	0	19.62	19.80	19.72		
20	256QAM	1	0	17.73	17.84	17.69	19	3
20	256QAM	1	49	17.60	17.60	17.58		
20	256QAM	1	99	17.54	17.71	17.62		
20	256QAM	50	0	17.82	17.80	17.69	19	3
20	256QAM	50	24	17.63	17.66	17.69		
20	256QAM	50	50	17.59	17.75	17.62		
20	256QAM	100	0	17.60	17.68	17.66		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	20.81	21.03	20.98	22	0
15	QPSK	1	37	20.72	20.83	20.77		
15	QPSK	1	74	20.73	20.80	20.76		
15	QPSK	36	0	20.82	20.92	20.80	22	0
15	QPSK	36	20	20.78	20.87	20.81		
15	QPSK	36	39	20.75	20.76	20.62		
15	QPSK	75	0	20.70	20.90	20.77		
15	16QAM	1	0	20.62	20.68	20.63	22	0
15	16QAM	1	37	20.50	20.59	20.63		
15	16QAM	1	74	20.45	20.57	20.59		
15	16QAM	36	0	20.58	20.61	20.46	22	0
15	16QAM	36	20	20.41	20.54	20.51		
15	16QAM	36	39	20.43	20.55	20.45		
15	16QAM	75	0	20.28	20.57	20.23		
15	64QAM	1	0	20.68	20.79	20.84	22	0
15	64QAM	1	37	20.75	20.73	20.71		
15	64QAM	1	74	20.75	20.64	20.82		
15	64QAM	36	0	19.71	19.84	19.70	21	1
15	64QAM	36	20	19.55	19.68	19.60		
15	64QAM	36	39	19.55	19.57	19.54		
15	64QAM	75	0	19.49	19.77	19.66		
15	256QAM	1	0	17.62	17.79	17.65	19	3
15	256QAM	1	37	17.47	17.56	17.46		
15	256QAM	1	74	17.45	17.57	17.56		
15	256QAM	36	0	17.74	17.71	17.62	19	3
15	256QAM	36	20	17.51	17.62	17.65		
15	256QAM	36	39	17.45	17.66	17.57		
15	256QAM	75	0	17.50	17.53	17.55		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	20.79	21.08	20.97	22	0
10	QPSK	1	25	20.66	20.78	20.70		
10	QPSK	1	49	20.83	20.83	20.71		
10	QPSK	25	0	20.76	20.91	20.77	22	0
10	QPSK	25	12	20.76	20.90	20.82		
10	QPSK	25	25	20.71	20.74	20.63		
10	QPSK	50	0	20.74	20.85	20.72		
10	16QAM	1	0	20.69	20.74	20.67	22	0
10	16QAM	1	25	20.59	20.61	20.63		
10	16QAM	1	49	20.39	20.60	20.55		
10	16QAM	25	0	20.54	20.67	20.54	22	0
10	16QAM	25	12	20.44	20.53	20.44		
10	16QAM	25	25	20.47	20.52	20.46		
10	16QAM	50	0	20.38	20.55	20.26		
10	64QAM	1	0	20.75	20.78	20.91	22	0
10	64QAM	1	25	20.79	20.70	20.79		
10	64QAM	1	49	20.80	20.70	20.79		
10	64QAM	25	0	19.75	19.80	19.64	21	1
10	64QAM	25	12	19.54	19.66	19.55		
10	64QAM	25	25	19.52	19.54	19.58		
10	64QAM	50	0	19.54	19.76	19.65		
10	256QAM	1	0	17.59	17.77	17.66	19	3
10	256QAM	1	25	17.53	17.46	17.43		
10	256QAM	1	49	17.45	17.66	17.58		
10	256QAM	25	0	17.75	17.72	17.61	19	3
10	256QAM	25	12	17.57	17.57	17.55		
10	256QAM	25	25	17.51	17.70	17.48		
10	256QAM	50	0	17.48	17.59	17.54		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	20.89	21.01	20.97	22	0
5	QPSK	1	12	20.64	20.80	20.71		
5	QPSK	1	24	20.82	20.74	20.79		
5	QPSK	12	0	20.78	20.91	20.74	22	0
5	QPSK	12	7	20.75	20.81	20.83		
5	QPSK	12	13	20.73	20.78	20.72		
5	QPSK	25	0	20.74	20.85	20.79		
5	16QAM	1	0	20.61	20.77	20.62	22	0
5	16QAM	1	12	20.59	20.64	20.67		
5	16QAM	1	24	20.43	20.61	20.61		
5	16QAM	12	0	20.59	20.65	20.51	22	0
5	16QAM	12	7	20.50	20.59	20.46		
5	16QAM	12	13	20.47	20.54	20.43		
5	16QAM	25	0	20.36	20.50	20.25		
5	64QAM	1	0	20.80	20.81	20.89	22	0
5	64QAM	1	12	20.76	20.70	20.80		
5	64QAM	1	24	20.82	20.73	20.77		
5	64QAM	12	0	19.65	19.84	19.70	21	1
5	64QAM	12	7	19.58	19.68	19.52		
5	64QAM	12	13	19.50	19.57	19.56		
5	64QAM	25	0	19.56	19.67	19.64		
5	256QAM	1	0	17.63	17.78	17.61	19	3
5	256QAM	1	12	17.53	17.55	17.49		
5	256QAM	1	24	17.50	17.59	17.55		
5	256QAM	12	0	17.72	17.68	17.56	19	3
5	256QAM	12	7	17.57	17.60	17.60		
5	256QAM	12	13	17.45	17.66	17.48		
5	256QAM	25	0	17.48	17.60	17.62		

Band 12 Default Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	22.84	22.92	22.79	24	0
10	QPSK	1	25	22.76	22.81	22.64		
10	QPSK	1	49	22.60	22.68	22.62		
10	QPSK	25	0	22.63	22.82	22.72	24	0
10	QPSK	25	12	22.59	22.68	22.61		
10	QPSK	25	25	22.56	22.60	22.63		
10	QPSK	50	0	22.65	22.77	22.62		
10	16QAM	1	0	22.54	22.72	22.60	24	0
10	16QAM	1	25	22.54	22.59	22.58		
10	16QAM	1	49	22.44	22.55	22.46		
10	16QAM	25	0	22.35	22.51	22.41	23.5	0.5
10	16QAM	25	12	22.32	22.43	22.28		
10	16QAM	25	25	22.30	22.35	22.28		
10	16QAM	50	0	22.37	22.47	22.28		
10	64QAM	1	0	22.26	22.41	22.29	23.5	0.5
10	64QAM	1	25	22.14	22.25	22.19		
10	64QAM	1	49	22.10	22.22	22.16		
10	64QAM	25	0	21.54	21.67	21.50	22.5	1.5
10	64QAM	25	12	21.44	21.58	21.51		
10	64QAM	25	25	21.39	21.44	21.44		
10	64QAM	50	0	21.43	21.54	21.41		
10	256QAM	1	0	19.33	19.55	19.40	20.5	3.5
10	256QAM	1	25	19.33	19.40	19.38		
10	256QAM	1	49	19.30	19.33	19.28		
10	256QAM	25	0	19.30	19.51	19.41	20.5	3.5
10	256QAM	25	12	19.29	19.34	19.30		
10	256QAM	25	25	19.20	19.33	19.22		
10	256QAM	50	0	19.23	19.45	19.26		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.77	22.86	22.74	24	0
5	QPSK	1	12	22.63	22.69	22.56		
5	QPSK	1	24	22.47	22.54	22.47		
5	QPSK	12	0	22.50	22.75	22.58	24	0
5	QPSK	12	7	22.45	22.55	22.51		
5	QPSK	12	13	22.53	22.45	22.51		
5	QPSK	25	0	22.56	22.69	22.56		
5	16QAM	1	0	22.42	22.62	22.48	24	0
5	16QAM	1	12	22.50	22.48	22.47		
5	16QAM	1	24	22.33	22.52	22.36		
5	16QAM	12	0	22.30	22.47	22.28	23.5	0.5
5	16QAM	12	7	22.28	22.33	22.19		
5	16QAM	12	13	22.19	22.24	22.19		
5	16QAM	25	0	22.31	22.34	22.19		
5	64QAM	1	0	22.15	22.30	22.22	23.5	0.5
5	64QAM	1	12	22.04	22.12	22.10		
5	64QAM	1	24	21.96	22.07	22.07		
5	64QAM	12	0	21.48	21.63	21.41	22.5	1.5
5	64QAM	12	7	21.34	21.53	21.47		
5	64QAM	12	13	21.29	21.32	21.33		
5	64QAM	25	0	21.33	21.48	21.34		
5	256QAM	1	0	19.35	19.45	19.31	20.5	3.5
5	256QAM	1	12	19.21	19.31	19.26		
5	256QAM	1	24	19.17	19.23	19.18		
5	256QAM	12	0	19.16	19.37	19.26	20.5	3.5
5	256QAM	12	7	19.22	19.27	19.27		
5	256QAM	12	13	19.07	19.21	19.11		
5	256QAM	25	0	19.13	19.31	19.12		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.78	22.81	22.72	24	0
3	QPSK	1	8	22.70	22.76	22.50		
3	QPSK	1	14	22.53	22.54	22.57		
3	QPSK	8	0	22.49	22.79	22.57	24	0
3	QPSK	8	4	22.51	22.61	22.48		
3	QPSK	8	7	22.49	22.49	22.57		
3	QPSK	15	0	22.54	22.73	22.58		
3	16QAM	1	0	22.39	22.59	22.47	24	0
3	16QAM	1	8	22.48	22.48	22.48		
3	16QAM	1	14	22.38	22.44	22.38		
3	16QAM	8	0	22.26	22.44	22.28	23.5	0.5
3	16QAM	8	4	22.23	22.37	22.16		
3	16QAM	8	7	22.22	22.22	22.20		
3	16QAM	15	0	22.23	22.35	22.19		
3	64QAM	1	0	22.23	22.28	22.17	23.5	0.5
3	64QAM	1	8	22.02	22.10	22.09		
3	64QAM	1	14	22.02	22.15	22.04		
3	64QAM	8	0	21.45	21.61	21.40	22.5	1.5
3	64QAM	8	4	21.40	21.48	21.37		
3	64QAM	8	7	21.35	21.36	21.33		
3	64QAM	15	0	21.37	21.50	21.31		
3	256QAM	1	0	19.28	19.41	19.36	20.5	3.5
3	256QAM	1	8	19.26	19.31	19.24		
3	256QAM	1	14	19.23	19.30	19.21		
3	256QAM	8	0	19.18	19.46	19.28	20.5	3.5
3	256QAM	8	4	19.18	19.22	19.18		
3	256QAM	8	7	19.06	19.22	19.07		
3	256QAM	15	0	19.18	19.40	19.14		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.76	22.83	22.75	24	0
1.4	QPSK	1	3	22.65	22.67	22.51		
1.4	QPSK	1	5	22.48	22.57	22.53		
1.4	QPSK	3	0	22.50	22.67	22.67		
1.4	QPSK	3	1	22.54	22.55	22.56		
1.4	QPSK	3	3	22.44	22.54	22.57		
1.4	QPSK	6	0	22.59	22.73	22.56	24	0
1.4	16QAM	1	0	22.50	22.62	22.56	24	0
1.4	16QAM	1	3	22.49	22.46	22.50		
1.4	16QAM	1	5	22.40	22.46	22.43		
1.4	16QAM	3	0	22.47	22.60	22.56		
1.4	16QAM	3	1	22.49	22.45	22.47		
1.4	16QAM	3	3	22.37	22.48	22.40		
1.4	16QAM	6	0	22.17	22.30	22.14	23.5	0.5
1.4	64QAM	1	0	22.33	22.41	22.29	23.5	0.5
1.4	64QAM	1	3	22.22	22.40	22.17		
1.4	64QAM	1	5	22.13	22.33	22.16		
1.4	64QAM	3	0	22.05	22.21	22.09		
1.4	64QAM	3	1	21.99	22.16	22.05		
1.4	64QAM	3	3	22.22	22.28	22.16		
1.4	64QAM	6	0	21.45	21.60	21.41	22.5	1.5
1.4	256QAM	1	0	19.29	19.47	19.32	20.5	3.5
1.4	256QAM	1	3	19.21	19.31	19.24		
1.4	256QAM	1	5	19.22	19.27	19.22		
1.4	256QAM	3	0	19.18	19.37	19.34		
1.4	256QAM	3	1	19.16	19.21	19.24		
1.4	256QAM	3	3	19.15	19.21	19.09		
1.4	256QAM	6	0	19.17	19.35	19.18	20.5	3.5

Band 13 Default Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		23.07		24	0
10	QPSK	1	25		23.04			
10	QPSK	1	49		22.92			
10	QPSK	25	0		22.98		24	0
10	QPSK	25	12		22.85			
10	QPSK	25	25		22.82			
10	QPSK	50	0		22.95			
10	16QAM	1	0		22.91		24	0
10	16QAM	1	25		22.86			
10	16QAM	1	49		22.79			
10	16QAM	25	0		22.74		23.5	0.5
10	16QAM	25	12		22.62			
10	16QAM	25	25		22.54			
10	16QAM	50	0		22.70			
10	64QAM	1	0		22.62		23.5	0.5
10	64QAM	1	25		22.41			
10	64QAM	1	49		22.49			
10	64QAM	25	0		21.91		22.5	1.5
10	64QAM	25	12		21.77			
10	64QAM	25	25		21.67			
10	64QAM	50	0		21.77			
10	256QAM	1	0		19.82		20.5	3.5
10	256QAM	1	25		19.62			
10	256QAM	1	49		19.55			
10	256QAM	25	0		19.69		20.5	3.5
10	256QAM	25	12		19.58			
10	256QAM	25	25		19.55			
10	256QAM	50	0		19.68			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.93	23.03	22.99	24	0
5	QPSK	1	12	22.90	23.00	22.92		
5	QPSK	1	24	22.84	22.85	22.80		
5	QPSK	12	0	22.95	22.84	22.93	24	0
5	QPSK	12	7	22.77	22.71	22.73		
5	QPSK	12	13	22.71	22.75	22.68		
5	QPSK	25	0	22.88	22.91	22.91		
5	16QAM	1	0	22.86	22.80	22.87	24	0
5	16QAM	1	12	22.72	22.78	22.71		
5	16QAM	1	24	22.67	22.69	22.74		
5	16QAM	12	0	22.62	22.60	22.65	23.5	0.5
5	16QAM	12	7	22.49	22.55	22.58		
5	16QAM	12	13	22.43	22.49	22.45		
5	16QAM	25	0	22.67	22.66	22.63		
5	64QAM	1	0	22.53	22.55	22.47	23.5	0.5
5	64QAM	1	12	22.33	22.32	22.27		
5	64QAM	1	24	22.39	22.42	22.45		
5	64QAM	12	0	21.79	21.83	21.82	22.5	1.5
5	64QAM	12	7	21.62	21.66	21.70		
5	64QAM	12	13	21.61	21.55	21.59		
5	64QAM	25	0	21.71	21.66	21.73		
5	256QAM	1	0	19.77	19.78	19.74	20.5	3.5
5	256QAM	1	12	19.56	19.48	19.51		
5	256QAM	1	24	19.41	19.47	19.50		
5	256QAM	12	0	19.59	19.55	19.64	20.5	3.5
5	256QAM	12	7	19.55	19.52	19.53		
5	256QAM	12	13	19.46	19.43	19.52		
5	256QAM	25	0	19.57	19.56	19.60		

Band 14 Default Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23330			
Frequency (MHz)					793			
10	QPSK	1	0		23.06		24	0
10	QPSK	1	25		23.00			
10	QPSK	1	49		22.86			
10	QPSK	25	0		22.95		24	0
10	QPSK	25	12		22.81			
10	QPSK	25	25		22.78			
10	QPSK	50	0		22.93			
10	16QAM	1	0		22.86		24	0
10	16QAM	1	25		22.78			
10	16QAM	1	49		22.77			
10	16QAM	25	0		22.75		23.5	0.5
10	16QAM	25	12		22.60			
10	16QAM	25	25		22.46			
10	16QAM	50	0		22.64			
10	64QAM	1	0		22.56		23.5	0.5
10	64QAM	1	25		22.38			
10	64QAM	1	49		22.49			
10	64QAM	25	0		21.88		22.5	1.5
10	64QAM	25	12		21.70			
10	64QAM	25	25		21.63			
10	64QAM	50	0		21.69			
10	256QAM	1	0		19.77		20.5	3.5
10	256QAM	1	25		19.55			
10	256QAM	1	49		19.49			
10	256QAM	25	0		19.61		20.5	3.5
10	256QAM	25	12		19.51			
10	256QAM	25	25		19.48			
10	256QAM	50	0		19.66			
Channel				23305	23330	23355	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	0	22.92	22.99	22.97	24	0
5	QPSK	1	12	22.87	22.90	22.86		
5	QPSK	1	24	22.75	22.79	22.74		
5	QPSK	12	0	22.90	22.90	22.83	24	0
5	QPSK	12	7	22.77	22.68	22.77		
5	QPSK	12	13	22.70	22.67	22.64		
5	QPSK	25	0	22.82	22.84	22.86		
5	16QAM	1	0	22.78	22.83	22.78	24	0
5	16QAM	1	12	22.70	22.68	22.64		
5	16QAM	1	24	22.62	22.73	22.64		
5	16QAM	12	0	22.60	22.72	22.67	23.5	0.5
5	16QAM	12	7	22.54	22.51	22.51		
5	16QAM	12	13	22.37	22.40	22.40		
5	16QAM	25	0	22.55	22.53	22.50		
5	64QAM	1	0	22.52	22.52	22.46	23.5	0.5
5	64QAM	1	12	22.28	22.30	22.27		
5	64QAM	1	24	22.44	22.43	22.41		
5	64QAM	12	0	21.74	21.74	21.76	22.5	1.5
5	64QAM	12	7	21.63	21.64	21.58		
5	64QAM	12	13	21.59	21.59	21.52		
5	64QAM	25	0	21.55	21.64	21.66		
5	256QAM	1	0	19.63	19.72	19.65	20.5	3.5
5	256QAM	1	12	19.44	19.46	19.44		
5	256QAM	1	24	19.35	19.44	19.44		
5	256QAM	12	0	19.48	19.47	19.57	20.5	3.5
5	256QAM	12	7	19.38	19.37	19.39		
5	256QAM	12	13	19.35	19.36	19.34		
5	256QAM	25	0	19.53	19.56	19.62		

Band 17 Default Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	22.65	22.73	22.70	24	0
10	QPSK	1	25	22.57	22.60	22.59		
10	QPSK	1	49	22.46	22.51	22.46		
10	QPSK	25	0	22.46	22.66	22.54	24	0
10	QPSK	25	12	22.49	22.53	22.42		
10	QPSK	25	25	22.41	22.48	22.47		
10	QPSK	50	0	22.49	22.62	22.44		
10	16QAM	1	0	22.49	22.60	22.45	24	0
10	16QAM	1	25	22.39	22.48	22.41		
10	16QAM	1	49	22.30	22.40	22.38		
10	16QAM	25	0	22.36	22.58	22.49	23.5	0.5
10	16QAM	25	12	22.38	22.40	22.43		
10	16QAM	25	25	22.30	22.41	22.40		
10	16QAM	50	0	22.24	22.38	22.33		
10	64QAM	1	0	22.39	22.56	22.46	23.5	0.5
10	64QAM	1	25	22.37	22.42	22.40		
10	64QAM	1	49	22.32	22.40	22.29		
10	64QAM	25	0	21.37	21.54	21.36	22.5	1.5
10	64QAM	25	12	21.28	21.39	21.36		
10	64QAM	25	25	21.32	21.36	21.32		
10	64QAM	50	0	21.19	21.28	21.29		
10	256QAM	1	0	19.59	19.71	19.63	20.5	3.5
10	256QAM	1	25	19.45	19.53	19.56		
10	256QAM	1	49	19.44	19.57	19.51		
10	256QAM	25	0	19.44	19.55	19.43	20.5	3.5
10	256QAM	25	12	19.34	19.44	19.33		
10	256QAM	25	25	19.34	19.39	19.37		
10	256QAM	50	0	19.28	19.32	19.22		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.53	22.69	22.65	24	0
5	QPSK	1	12	22.53	22.55	22.48		
5	QPSK	1	24	22.33	22.41	22.37		
5	QPSK	12	0	22.36	22.57	22.44	24	0
5	QPSK	12	7	22.44	22.40	22.38		
5	QPSK	12	13	22.28	22.41	22.43		
5	QPSK	25	0	22.46	22.49	22.32		
5	16QAM	1	0	22.38	22.52	22.31	24	0
5	16QAM	1	12	22.26	22.39	22.35		
5	16QAM	1	24	22.16	22.32	22.32		
5	16QAM	12	0	22.27	22.45	22.35	23.5	0.5
5	16QAM	12	7	22.33	22.32	22.35		
5	16QAM	12	13	22.19	22.34	22.27		
5	16QAM	25	0	22.11	22.24	22.19		
5	64QAM	1	0	22.24	22.48	22.35	23.5	0.5
5	64QAM	1	12	22.29	22.34	22.29		
5	64QAM	1	24	22.17	22.33	22.14		
5	64QAM	12	0	21.33	21.42	21.31	22.5	1.5
5	64QAM	12	7	21.24	21.27	21.22		
5	64QAM	12	13	21.19	21.23	21.25		
5	64QAM	25	0	21.07	21.23	21.24		
5	256QAM	1	0	19.50	19.65	19.49	20.5	3.5
5	256QAM	1	12	19.33	19.42	19.50		
5	256QAM	1	24	19.41	19.43	19.47		
5	256QAM	12	0	19.31	19.51	19.33	20.5	3.5
5	256QAM	12	7	19.27	19.34	19.22		
5	256QAM	12	13	19.20	19.33	19.27		
5	256QAM	25	0	19.24	19.26	19.16		

Band 25 Default Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	23.16	23.21	23.18	24	0
20	QPSK	1	49	23.03	23.03	23.09		
20	QPSK	1	99	22.97	23.01	23.03		
20	QPSK	50	0	23.00	23.15	23.05	24	0
20	QPSK	50	24	22.95	23.03	22.95		
20	QPSK	50	50	22.88	22.99	22.86		
20	QPSK	100	0	22.91	23.01	22.92		
20	16QAM	1	0	22.96	23.09	22.91	24	0
20	16QAM	1	49	22.94	22.99	22.95		
20	16QAM	1	99	22.81	22.87	22.80		
20	16QAM	50	0	22.79	22.93	22.83	23.5	0.5
20	16QAM	50	24	22.75	22.80	22.75		
20	16QAM	50	50	22.61	22.72	22.70		
20	16QAM	100	0	22.62	22.66	22.61		
20	64QAM	1	0	22.86	23.05	22.91	23.5	0.5
20	64QAM	1	49	22.79	22.95	22.87		
20	64QAM	1	99	22.79	22.82	22.82		
20	64QAM	50	0	21.82	21.95	21.79	22.5	1.5
20	64QAM	50	24	21.78	21.79	21.74		
20	64QAM	50	50	21.73	21.82	21.72		
20	64QAM	100	0	21.69	21.66	21.64		
20	256QAM	1	0	19.90	20.04	19.89	20.5	3.5
20	256QAM	1	49	19.79	19.90	19.83		
20	256QAM	1	99	19.77	19.85	19.78		
20	256QAM	50	0	19.87	19.98	19.87	20.5	3.5
20	256QAM	50	24	19.77	19.90	19.74		
20	256QAM	50	50	19.70	19.74	19.71		
20	256QAM	100	0	19.62	19.74	19.68		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	23.05	23.13	23.04	24	0
15	QPSK	1	37	22.90	22.90	23.00		
15	QPSK	1	74	22.84	22.90	22.97		
15	QPSK	36	0	22.94	23.01	22.95	24	0
15	QPSK	36	20	22.82	22.96	22.88		
15	QPSK	36	39	22.84	22.95	22.75		
15	QPSK	75	0	22.77	22.98	22.79		
15	16QAM	1	0	22.92	22.98	22.84	24	0
15	16QAM	1	37	22.81	22.87	22.85		
15	16QAM	1	74	22.68	22.79	22.74		
15	16QAM	36	0	22.70	22.81	22.75	23.5	0.5
15	16QAM	36	20	22.68	22.66	22.62		
15	16QAM	36	39	22.48	22.61	22.64		
15	16QAM	75	0	22.49	22.53	22.50		
15	64QAM	1	0	22.74	22.90	22.77	23.5	0.5
15	64QAM	1	37	22.70	22.82	22.77		
15	64QAM	1	74	22.70	22.68	22.68		
15	64QAM	36	0	21.74	21.85	21.65	22.5	1.5
15	64QAM	36	20	21.72	21.68	21.69		
15	64QAM	36	39	21.68	21.79	21.59		
15	64QAM	75	0	21.55	21.54	21.60		
15	256QAM	1	0	19.76	19.96	19.85	20.5	3.5
15	256QAM	1	37	19.75	19.79	19.79		
15	256QAM	1	74	19.67	19.70	19.73		
15	256QAM	36	0	19.78	19.83	19.77	20.5	3.5
15	256QAM	36	20	19.69	19.87	19.60		
15	256QAM	36	39	19.57	19.70	19.61		
15	256QAM	75	0	19.55	19.66	19.55		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	23.03	23.09	23.05	24	0
10	QPSK	1	25	22.94	22.92	22.98		
10	QPSK	1	49	22.90	22.95	22.90		
10	QPSK	25	0	22.90	23.04	22.99	24	0
10	QPSK	25	12	22.87	22.89	22.83		
10	QPSK	25	25	22.84	22.85	22.71		
10	QPSK	50	0	22.80	22.89	22.83		
10	16QAM	1	0	22.90	22.95	22.83	24	0
10	16QAM	1	25	22.81	22.91	22.88		
10	16QAM	1	49	22.68	22.76	22.66		
10	16QAM	25	0	22.74	22.80	22.75	23.5	0.5
10	16QAM	25	12	22.62	22.68	22.67		
10	16QAM	25	25	22.52	22.67	22.57		
10	16QAM	50	0	22.57	22.60	22.54		
10	64QAM	1	0	22.82	22.91	22.85	23.5	0.5
10	64QAM	1	25	22.64	22.88	22.76		
10	64QAM	1	49	22.72	22.76	22.71		
10	64QAM	25	0	21.79	21.84	21.68	22.5	1.5
10	64QAM	25	12	21.74	21.76	21.64		
10	64QAM	25	25	21.66	21.77	21.61		
10	64QAM	50	0	21.62	21.56	21.52		
10	256QAM	1	0	19.80	19.94	19.81	20.5	3.5
10	256QAM	1	25	19.68	19.75	19.72		
10	256QAM	1	49	19.74	19.73	19.68		
10	256QAM	25	0	19.82	19.91	19.77	20.5	3.5
10	256QAM	25	12	19.71	19.83	19.68		
10	256QAM	25	25	19.65	19.61	19.60		
10	256QAM	50	0	19.55	19.67	19.63		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	23.12	23.07	23.10	24	0
5	QPSK	1	12	22.95	22.92	23.03		
5	QPSK	1	24	22.86	22.90	22.95		
5	QPSK	12	0	22.86	23.04	22.92	24	0
5	QPSK	12	7	22.88	23.00	22.84		
5	QPSK	12	13	22.77	22.88	22.79		
5	QPSK	25	0	22.77	22.91	22.86		
5	16QAM	1	0	22.88	23.04	22.88	24	0
5	16QAM	1	12	22.88	22.90	22.87		
5	16QAM	1	24	22.67	22.77	22.73		
5	16QAM	12	0	22.70	22.84	22.73	23.5	0.5
5	16QAM	12	7	22.71	22.70	22.63		
5	16QAM	12	13	22.50	22.60	22.56		
5	16QAM	25	0	22.55	22.62	22.51		
5	64QAM	1	0	22.78	22.98	22.88	23.5	0.5
5	64QAM	1	12	22.71	22.92	22.81		
5	64QAM	1	24	22.65	22.69	22.76		
5	64QAM	12	0	21.78	21.84	21.70	22.5	1.5
5	64QAM	12	7	21.70	21.65	21.70		
5	64QAM	12	13	21.68	21.79	21.68		
5	64QAM	25	0	21.60	21.54	21.60		
5	256QAM	1	0	19.75	19.96	19.86	20.5	3.5
5	256QAM	1	12	19.71	19.82	19.75		
5	256QAM	1	24	19.68	19.75	19.74		
5	256QAM	12	0	19.76	19.85	19.84	20.5	3.5
5	256QAM	12	7	19.68	19.78	19.59		
5	256QAM	12	13	19.61	19.64	19.64		
5	256QAM	25	0	19.57	19.64	19.54		
Channel				26055	26340	26575	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	23.02	23.15	23.13	24	0
3	QPSK	1	8	22.98	22.95	22.96		
3	QPSK	1	14	22.94	22.93	22.99		
3	QPSK	8	0	22.94	23.05	22.96	24	0
3	QPSK	8	4	22.80	22.97	22.91		
3	QPSK	8	7	22.75	22.84	22.78		
3	QPSK	15	0	22.83	22.96	22.80	24	0
3	16QAM	1	0	22.94	23.02	22.85		
3	16QAM	1	8	22.89	22.96	22.87		
3	16QAM	1	14	22.77	22.75	22.66		
3	16QAM	8	0	22.66	22.87	22.79	23.5	0.5
3	16QAM	8	4	22.65	22.65	22.67		
3	16QAM	8	7	22.57	22.68	22.60		
3	16QAM	15	0	22.48	22.60	22.53		
3	64QAM	1	0	22.75	22.92	22.80	23.5	0.5
3	64QAM	1	8	22.66	22.91	22.76		
3	64QAM	1	14	22.65	22.72	22.69		
3	64QAM	8	0	21.76	21.87	21.64	22.5	1.5
3	64QAM	8	4	21.67	21.66	21.62		
3	64QAM	8	7	21.61	21.74	21.57		
3	64QAM	15	0	21.63	21.53	21.58		
3	256QAM	1	0	19.76	19.96	19.83	20.5	3.5
3	256QAM	1	8	19.69	19.85	19.77		
3	256QAM	1	14	19.63	19.72	19.67		
3	256QAM	8	0	19.76	19.83	19.81	20.5	3.5
3	256QAM	8	4	19.66	19.83	19.60		
3	256QAM	8	7	19.62	19.71	19.60		
3	256QAM	15	0	19.50	19.61	19.61		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	23.12	23.12	23.15	24	0
1.4	QPSK	1	3	22.98	22.97	23.05		
1.4	QPSK	1	5	22.93	22.93	22.96		
1.4	QPSK	3	0	22.85	23.09	22.97		
1.4	QPSK	3	1	22.81	22.87	22.82		
1.4	QPSK	3	3	22.81	22.94	22.71		
1.4	QPSK	6	0	22.80	22.86	22.80	24	0
1.4	16QAM	1	0	22.92	23.04	22.83	24	0
1.4	16QAM	1	3	22.86	22.90	22.81		
1.4	16QAM	1	5	22.84	23.00	22.81		
1.4	16QAM	3	0	22.78	22.89	22.78		
1.4	16QAM	3	1	22.85	22.95	22.84		
1.4	16QAM	3	3	22.90	23.03	22.79		
1.4	16QAM	6	0	22.70	22.67	22.69	23.5	0.5
1.4	64QAM	1	0	22.57	22.62	22.57	23.5	0.5
1.4	64QAM	1	3	22.57	22.60	22.55		
1.4	64QAM	1	5	22.70	22.76	22.67		
1.4	64QAM	3	0	22.67	22.86	22.84		
1.4	64QAM	3	1	22.71	22.70	22.69		
1.4	64QAM	3	3	22.72	22.86	22.83		
1.4	64QAM	6	0	21.68	21.91	21.70	22.5	1.5
1.4	256QAM	1	0	19.86	19.92	19.81	20.5	3.5
1.4	256QAM	1	3	19.69	19.76	19.78		
1.4	256QAM	1	5	19.71	19.78	19.65		
1.4	256QAM	3	0	19.73	19.93	19.72		
1.4	256QAM	3	1	19.69	19.76	19.67		
1.4	256QAM	3	3	19.65	19.65	19.58		
1.4	256QAM	6	0	19.54	19.67	19.62	20.5	3.5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	22.53	22.59	22.47	24	0
15	QPSK	1	37	22.38	22.39	22.38		
15	QPSK	1	74	22.28	22.37	22.31		
15	QPSK	36	0	22.37	22.54	22.37	24	0
15	QPSK	36	20	22.37	22.46	22.31		
15	QPSK	36	39	22.31	22.30	22.34		
15	QPSK	75	0	22.31	22.36	22.29		
15	16QAM	1	0	22.29	22.51	22.36	24	0
15	16QAM	1	37	22.34	22.40	22.27		
15	16QAM	1	74	22.28	22.34	22.22		
15	16QAM	36	0	22.33	22.47	22.38	23.5	0.5
15	16QAM	36	20	22.30	22.32	22.26		
15	16QAM	36	39	22.26	22.29	22.26		
15	16QAM	75	0	22.21	22.22	22.14		
15	64QAM	1	0	22.26	22.42	22.27	23.5	0.5
15	64QAM	1	37	22.26	22.27	22.23		
15	64QAM	1	74	22.10	22.25	22.20		
15	64QAM	36	0	21.26	21.37	21.25	22.5	1.5
15	64QAM	36	20	21.21	21.27	21.22		
15	64QAM	36	39	21.11	21.15	21.15		
15	64QAM	75	0	21.04	21.08	21.02		
15	256QAM	1	0	19.46	19.62	19.47	20.5	3.5
15	256QAM	1	37	19.39	19.48	19.44		
15	256QAM	1	74	19.33	19.39	19.39		
15	256QAM	36	0	19.36	19.49	19.36	20.5	3.5
15	256QAM	36	20	19.22	19.40	19.34		
15	256QAM	36	39	19.22	19.34	19.30		
15	256QAM	75	0	19.13	19.21	19.15		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.42	22.46	22.37	24	0
10	QPSK	1	25	22.23	22.33	22.23		
10	QPSK	1	49	22.14	22.25	22.20		
10	QPSK	25	0	22.23	22.44	22.27	24	0
10	QPSK	25	12	22.24	22.39	22.16		
10	QPSK	25	25	22.26	22.19	22.22		
10	QPSK	50	0	22.28	22.25	22.25		
10	16QAM	1	0	22.17	22.41	22.32	24	0
10	16QAM	1	25	22.23	22.36	22.19		
10	16QAM	1	49	22.23	22.20	22.15		
10	16QAM	25	0	22.21	22.41	22.24	23.5	0.5
10	16QAM	25	12	22.23	22.24	22.14		
10	16QAM	25	25	22.17	22.18	22.18		
10	16QAM	50	0	22.10	22.11	22.07		
10	64QAM	1	0	22.16	22.29	22.18	23.5	0.5
10	64QAM	1	25	22.23	22.17	22.11		
10	64QAM	1	49	22.01	22.15	22.13		
10	64QAM	25	0	21.11	21.29	21.21	22.5	1.5
10	64QAM	25	12	21.14	21.22	21.08		
10	64QAM	25	25	21.05	21.07	21.03		
10	64QAM	50	0	20.91	21.02	20.88		
10	256QAM	1	0	19.41	19.50	19.34	20.5	3.5
10	256QAM	1	25	19.32	19.35	19.33		
10	256QAM	1	49	19.19	19.28	19.36		
10	256QAM	25	0	19.28	19.46	19.25	20.5	3.5
10	256QAM	25	12	19.07	19.31	19.21		
10	256QAM	25	25	19.15	19.20	19.16		
10	256QAM	50	0	18.99	19.15	19.04		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.43	22.49	22.40	24	0
5	QPSK	1	12	22.25	22.30	22.33		
5	QPSK	1	24	22.23	22.32	22.21		
5	QPSK	12	0	22.34	22.41	22.28	24	0
5	QPSK	12	7	22.28	22.33	22.20		
5	QPSK	12	13	22.21	22.24	22.25		
5	QPSK	25	0	22.26	22.23	22.21		
5	16QAM	1	0	22.16	22.46	22.24	24	0
5	16QAM	1	12	22.21	22.36	22.16		
5	16QAM	1	24	22.15	22.21	22.13		
5	16QAM	12	0	22.29	22.38	22.25	23.5	0.5
5	16QAM	12	7	22.16	22.28	22.19		
5	16QAM	12	13	22.21	22.22	22.23		
5	16QAM	25	0	22.12	22.14	22.07		
5	64QAM	1	0	22.18	22.32	22.17	23.5	0.5
5	64QAM	1	12	22.21	22.17	22.12		
5	64QAM	1	24	21.97	22.16	22.17		
5	64QAM	12	0	21.15	21.31	21.21	22.5	1.5
5	64QAM	12	7	21.15	21.18	21.14		
5	64QAM	12	13	21.02	21.12	21.03		
5	64QAM	25	0	20.94	21.01	20.87		
5	256QAM	1	0	19.36	19.50	19.39	20.5	3.5
5	256QAM	1	12	19.26	19.34	19.30		
5	256QAM	1	24	19.29	19.31	19.31		
5	256QAM	12	0	19.31	19.43	19.26	20.5	3.5
5	256QAM	12	7	19.13	19.31	19.27		
5	256QAM	12	13	19.17	19.29	19.17		
5	256QAM	25	0	19.06	19.14	19.01		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.50	22.50	22.37	24	0
3	QPSK	1	8	22.34	22.32	22.23		
3	QPSK	1	14	22.14	22.29	22.19		
3	QPSK	8	0	22.30	22.51	22.31	24	0
3	QPSK	8	4	22.32	22.33	22.16		
3	QPSK	8	7	22.22	22.27	22.23		
3	QPSK	15	0	22.24	22.33	22.22		
3	16QAM	1	0	22.21	22.44	22.30	24	0
3	16QAM	1	8	22.29	22.36	22.13		
3	16QAM	1	14	22.22	22.28	22.18		
3	16QAM	8	0	22.21	22.42	22.28	23.5	0.5
3	16QAM	8	4	22.25	22.24	22.18		
3	16QAM	8	7	22.22	22.21	22.15		
3	16QAM	15	0	22.17	22.08	22.09		
3	64QAM	1	0	22.19	22.38	22.12	23.5	0.5
3	64QAM	1	8	22.21	22.24	22.14		
3	64QAM	1	14	22.00	22.22	22.14		
3	64QAM	8	0	21.18	21.29	21.13	22.5	1.5
3	64QAM	8	4	21.10	21.19	21.13		
3	64QAM	8	7	20.98	21.05	21.06		
3	64QAM	15	0	20.99	21.02	20.89		
3	256QAM	1	0	19.41	19.53	19.37	20.5	3.5
3	256QAM	1	8	19.30	19.41	19.35		
3	256QAM	1	14	19.19	19.25	19.28		
3	256QAM	8	0	19.29	19.42	19.30	20.5	3.5
3	256QAM	8	4	19.10	19.29	19.25		
3	256QAM	8	7	19.17	19.26	19.16		
3	256QAM	15	0	19.08	19.16	19.01		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.45	22.52	22.42	24	0
1.4	QPSK	1	3	22.33	22.31	22.26		
1.4	QPSK	1	5	22.14	22.24	22.27		
1.4	QPSK	3	0	22.31	22.42	22.34		
1.4	QPSK	3	1	22.33	22.34	22.17		
1.4	QPSK	3	3	22.28	22.17	22.26		
1.4	QPSK	6	0	22.19	22.30	22.22	24	0
1.4	16QAM	1	0	22.14	22.45	22.29	24	0
1.4	16QAM	1	3	22.21	22.37	22.24		
1.4	16QAM	1	5	22.24	22.24	22.14		
1.4	16QAM	3	0	22.26	22.39	22.33		
1.4	16QAM	3	1	22.21	22.31	22.24		
1.4	16QAM	3	3	22.19	22.23	22.13		
1.4	16QAM	6	0	22.22	22.37	22.35	23.5	0.5
1.4	64QAM	1	0	22.21	22.29	22.20	23.5	0.5
1.4	64QAM	1	3	22.16	22.16	22.22		
1.4	64QAM	1	5	22.15	22.09	22.07		
1.4	64QAM	3	0	22.22	22.36	22.17		
1.4	64QAM	3	1	22.11	22.14	22.19		
1.4	64QAM	3	3	22.06	22.12	22.12		
1.4	64QAM	6	0	21.13	21.34	21.18	22.5	1.5
1.4	256QAM	1	0	19.38	19.54	19.42	20.5	3.5
1.4	256QAM	1	3	19.32	19.36	19.34		
1.4	256QAM	1	5	19.27	19.29	19.31		
1.4	256QAM	3	0	19.27	19.37	19.29		
1.4	256QAM	3	1	19.09	19.31	19.29		
1.4	256QAM	3	3	19.16	19.22	19.22		
1.4	256QAM	6	0	19.08	19.11	19.08	20.5	3.5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		23.26		24	0
10	QPSK	1	25		23.10			
10	QPSK	1	49		23.08			
10	QPSK	25	0		22.46		23	1
10	QPSK	25	12		22.26			
10	QPSK	25	25		22.23			
10	QPSK	50	0		22.31			
10	16QAM	1	0		22.23		23	1
10	16QAM	1	25		22.17			
10	16QAM	1	49		22.18			
10	16QAM	25	0		21.60		22	2
10	16QAM	25	12		21.45			
10	16QAM	25	25		21.36			
10	16QAM	50	0		21.38			
10	64QAM	1	0		21.71		22	2
10	64QAM	1	25		21.58			
10	64QAM	1	49		21.52			
10	64QAM	25	0		20.75		21	3
10	64QAM	25	12		20.57			
10	64QAM	25	25		20.50			
10	64QAM	50	0		20.53			
10	256QAM	1	0		19.38		20	4
10	256QAM	1	25		19.22			
10	256QAM	1	49		19.22			
10	256QAM	25	0		18.96		20	4
10	256QAM	25	12		18.85			
10	256QAM	25	25		18.78			
10	256QAM	50	0		18.73			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	23.16	23.21	23.13	24	0
5	QPSK	1	12	22.95	23.04	23.01		
5	QPSK	1	24	23.04	23.00	22.95		
5	QPSK	12	0	22.33	22.42	22.42	23	1
5	QPSK	12	7	22.20	22.21	22.11		
5	QPSK	12	13	22.09	22.17	22.08		
5	QPSK	25	0	22.23	22.24	22.16		
5	16QAM	1	0	22.29	22.19	22.26	23	1
5	16QAM	1	12	22.04	22.14	22.12		
5	16QAM	1	24	22.14	22.14	22.07		
5	16QAM	12	0	21.52	21.51	21.46	22	2
5	16QAM	12	7	21.38	21.31	21.34		
5	16QAM	12	13	21.28	21.26	21.22		
5	16QAM	25	0	21.28	21.24	21.24		
5	64QAM	1	0	21.57	21.66	21.67	22	2
5	64QAM	1	12	21.50	21.48	21.44		
5	64QAM	1

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	23.17	23.22	23.14	24	0
20	QPSK	1	49	22.99	23.11	22.99		
20	QPSK	1	99	23.02	23.02	22.90		
20	QPSK	50	0	22.96	23.18	23.07	24	0
20	QPSK	50	24	22.92	23.08	22.99		
20	QPSK	50	50	22.85	22.98	22.92		
20	QPSK	100	0	22.88	23.01	22.91		
20	16QAM	1	0	22.80	23.10	22.96	24	0
20	16QAM	1	49	22.87	23.01	22.91		
20	16QAM	1	99	22.83	22.89	22.86		
20	16QAM	50	0	22.61	22.81	22.66	23.5	0.5
20	16QAM	50	24	22.60	22.65	22.63		
20	16QAM	50	50	22.55	22.57	22.57		
20	16QAM	100	0	22.48	22.58	22.54		
20	64QAM	1	0	22.55	22.75	22.64	23.5	0.5
20	64QAM	1	49	22.49	22.67	22.54		
20	64QAM	1	99	22.51	22.58	22.50		
20	64QAM	50	0	21.69	21.90	21.71	22.5	1.5
20	64QAM	50	24	21.63	21.77	21.77		
20	64QAM	50	50	21.63	21.72	21.61		
20	64QAM	100	0	21.57	21.62	21.58		
20	256QAM	1	0	18.86	19.07	18.93	20.5	3.5
20	256QAM	1	49	18.89	18.92	18.84		
20	256QAM	1	99	18.81	18.84	18.83		
20	256QAM	50	0	18.84	18.98	18.80	20.5	3.5
20	256QAM	50	24	18.78	18.86	18.74		
20	256QAM	50	50	18.69	18.77	18.73		
20	256QAM	100	0	18.71	18.70	18.65		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	23.06	23.16	23.00	24	0
15	QPSK	1	37	22.95	23.05	22.94		
15	QPSK	1	74	22.89	22.97	22.84		
15	QPSK	36	0	22.87	23.10	23.02	24	0
15	QPSK	36	20	22.82	23.00	22.92		
15	QPSK	36	39	22.78	22.87	22.78		
15	QPSK	75	0	22.82	22.91	22.78		
15	16QAM	1	0	22.68	23.07	22.90	24	0
15	16QAM	1	37	22.75	22.91	22.85		
15	16QAM	1	74	22.75	22.74	22.75		
15	16QAM	36	0	22.49	22.71	22.60	23.5	0.5
15	16QAM	36	20	22.57	22.60	22.60		
15	16QAM	36	39	22.44	22.52	22.54		
15	16QAM	75	0	22.41	22.45	22.44		
15	64QAM	1	0	22.47	22.62	22.57	23.5	0.5
15	64QAM	1	37	22.37	22.56	22.46		
15	64QAM	1	74	22.45	22.52	22.38		
15	64QAM	36	0	21.59	21.86	21.61	22.5	1.5
15	64QAM	36	20	21.51	21.63	21.67		
15	64QAM	36	39	21.50	21.60	21.52		
15	64QAM	75	0	21.48	21.50	21.51		
15	256QAM	1	0	18.78	18.99	18.80	20.5	3.5
15	256QAM	1	37	18.82	18.89	18.78		
15	256QAM	1	74	18.75	18.79	18.77		
15	256QAM	36	0	18.80	18.86	18.69	20.5	3.5
15	256QAM	36	20	18.73	18.73	18.60		
15	256QAM	36	39	18.58	18.69	18.63		
15	256QAM	75	0	18.63	18.61	18.56		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	23.06	23.10	23.01	24	0
10	QPSK	1	25	22.94	23.02	22.89		
10	QPSK	1	49	22.88	22.96	22.82		
10	QPSK	25	0	22.84	23.07	23.03	24	0
10	QPSK	25	12	22.80	23.01	22.95		
10	QPSK	25	25	22.81	22.87	22.86		
10	QPSK	50	0	22.74	22.96	22.88		
10	16QAM	1	0	22.66	23.07	22.85	24	0
10	16QAM	1	25	22.81	22.93	22.80		
10	16QAM	1	49	22.76	22.75	22.74		
10	16QAM	25	0	22.57	22.76	22.55	23.5	0.5
10	16QAM	25	12	22.51	22.59	22.59		
10	16QAM	25	25	22.52	22.50	22.44		
10	16QAM	50	0	22.35	22.53	22.41		
10	64QAM	1	0	22.45	22.68	22.57	23.5	0.5
10	64QAM	1	25	22.41	22.55	22.42		
10	64QAM	1	49	22.43	22.52	22.43		
10	64QAM	25	0	21.56	21.75	21.61	22.5	1.5
10	64QAM	25	12	21.50	21.69	21.69		
10	64QAM	25	25	21.54	21.57	21.57		
10	64QAM	50	0	21.42	21.52	21.44		
10	256QAM	1	0	18.76	18.96	18.81	20.5	3.5
10	256QAM	1	25	18.79	18.82	18.80		
10	256QAM	1	49	18.73	18.70	18.77		
10	256QAM	25	0	18.71	18.87	18.74	20.5	3.5
10	256QAM	25	12	18.75	18.81	18.63		
10	256QAM	25	25	18.60	18.65	18.62		
10	256QAM	50	0	18.63	18.57	18.53		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	23.03	23.09	23.03	24	0
5	QPSK	1	12	22.89	23.01	22.84		
5	QPSK	1	24	22.91	22.90	22.81		
5	QPSK	12	0	22.85	23.11	22.95	24	0
5	QPSK	12	7	22.79	22.98	22.95		
5	QPSK	12	13	22.76	22.89	22.83		
5	QPSK	25	0	22.84	22.96	22.87		
5	16QAM	1	0	22.72	22.98	22.82	24	0
5	16QAM	1	12	22.80	22.90	22.76		
5	16QAM	1	24	22.75	22.86	22.80		
5	16QAM	12	0	22.47	22.74	22.53	23.5	0.5
5	16QAM	12	7	22.57	22.61	22.59		
5	16QAM	12	13	22.43	22.52	22.51		
5	16QAM	25	0	22.37	22.53	22.48		
5	64QAM	1	0	22.46	22.72	22.57	23.5	0.5
5	64QAM	1	12	22.45	22.64	22.46		
5	64QAM	1	24	22.39	22.51	22.44		
5	64QAM	12	0	21.63	21.80	21.61	22.5	1.5
5	64QAM	12	7	21.51	21.67	21.70		
5	64QAM	12	13	21.58	21.67	21.56		
5	64QAM	25	0	21.51	21.53	21.50		
5	256QAM	1	0	18.76	19.01	18.86	20.5	3.5
5	256QAM	1	12	18.77	18.84	18.80		
5	256QAM	1	24	18.71	18.76	18.78		
5	256QAM	12	0	18.72	18.83	18.71	20.5	3.5
5	256QAM	12	7	18.71	18.72	18.68		
5	256QAM	12	13	18.65	18.66	18.61		
5	256QAM	25	0	18.62	18.61	18.61		
Channel				131972	132322	132672	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	23.03	23.14	23.08	24	0
3	QPSK	1	8	22.89	23.00	22.93		
3	QPSK	1	14	22.98	22.89	22.75		
3	QPSK	8	0	22.87	23.05	23.03	24	0
3	QPSK	8	4	22.89	23.04	22.85		
3	QPSK	8	7	22.78	22.93	22.83		
3	QPSK	15	0	22.79	22.90	22.86		
3	16QAM	1	0	22.76	23.07	22.84	24	0
3	16QAM	1	8	22.82	22.98	22.87		
3	16QAM	1	14	22.76	22.85	22.82		
3	16QAM	8	0	22.56	22.73	22.53	23.5	0.5
3	16QAM	8	4	22.54	22.52	22.49		
3	16QAM	8	7	22.42	22.47	22.52		
3	16QAM	15	0	22.43	22.48	22.51		
3	64QAM	1	0	22.47	22.69	22.50	23.5	0.5
3	64QAM	1	8	22.41	22.62	22.46		
3	64QAM	1	14	22.42	22.48	22.38		
3	64QAM	8	0	21.57	21.85	21.59	22.5	1.5
3	64QAM	8	4	21.52	21.68	21.70		
3	64QAM	8	7	21.51	21.60	21.49		
3	64QAM	15	0	21.45	21.55	21.48		
3	256QAM	1	0	18.75	18.99	18.84	20.5	3.5
3	256QAM	1	8	18.85	18.86	18.79		
3	256QAM	1	14	18.74	18.81	18.70		
3	256QAM	8	0	18.69	18.88	18.73	20.5	3.5
3	256QAM	8	4	18.75	18.75	18.68		
3	256QAM	8	7	18.60	18.72	18.60		
3	256QAM	15	0	18.58	18.62	18.62		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	23.11	23.10	23.10	24	0
1.4	QPSK	1	3	22.89	23.04	22.92		
1.4	QPSK	1	5	22.92	22.93	22.86		
1.4	QPSK	3	0	22.82	23.14	22.98		
1.4	QPSK	3	1	22.80	23.04	22.95		
1.4	QPSK	3	3	22.71	22.86	22.84		
1.4	QPSK	6	0	22.74	22.90	22.87	24	0
1.4	16QAM	1	0	22.76	22.99	22.88	24	0
1.4	16QAM	1	3	22.73	22.95	22.81		
1.4	16QAM	1	5	22.79	22.94	22.87		
1.4	16QAM	3	0	22.71	22.99	22.91		
1.4	16QAM	3	1	22.76	22.91	22.83		
1.4	16QAM	3	3	22.73	22.80	22.74		
1.4	16QAM	6	0	22.47	22.76	22.54	23.5	0.5
1.4	64QAM	1	0	22.50	22.60	22.51	23.5	0.5
1.4	64QAM	1	3	22.47	22.51	22.43		
1.4	64QAM	1	5	22.43	22.48	22.49		
1.4	64QAM	3	0	22.42	22.64	22.53		
1.4	64QAM	3	1	22.40	22.61	22.40		
1.4	64QAM	3	3	22.44	22.44	22.40		
1.4	64QAM	6	0	21.66	21.76	21.57	22.5	1.5
1.4	256QAM	1	0	18.73	18.99	18.89	20.5	3.5
1.4	256QAM	1	3	18.78	18.85	18.75		
1.4	256QAM	1	5	18.76	18.69	18.69		
1.4	256QAM	3	0	18.80	18.86	18.76		
1.4	256QAM	3	1	18.74	18.79	18.59		
1.4	256QAM	3	3	18.66	18.69	18.61		
1.4	256QAM	6	0	18.64	18.58	18.60	20.5	3.5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				133222	133322	133372		
Frequency (MHz)				673	683	688		
20	QPSK	1	0	22.95	23.04	22.89	24	0
20	QPSK	1	49	22.84	22.87	22.77		
20	QPSK	1	99	22.71	22.88	22.66		
20	QPSK	50	0	22.76	22.94	22.84	24	0
20	QPSK	50	24	22.77	22.77	22.75		
20	QPSK	50	50	22.71	22.73	22.66		
20	QPSK	100	0	22.66	22.76	22.70		
20	16QAM	1	0	22.78	22.92	22.73	24	0
20	16QAM	1	49	22.69	22.83	22.73		
20	16QAM	1	99	22.61	22.76	22.66		
20	16QAM	50	0	22.53	22.74	22.61	23.5	0.5
20	16QAM	50	24	22.50	22.54	22.54		
20	16QAM	50	50	22.48	22.60	22.51		
20	16QAM	100	0	22.46	22.54	22.45		
20	64QAM	1	0	22.73	22.88	22.76	23.5	0.5
20	64QAM	1	49	22.72	22.75	22.72		
20	64QAM	1	99	22.64	22.69	22.60		
20	64QAM	50	0	21.67	21.83	21.73	22.5	1.5
20	64QAM	50	24	21.63	21.72	21.69		
20	64QAM	50	50	21.56	21.61	21.62		
20	64QAM	100	0	21.49	21.55	21.55		
20	256QAM	1	0	19.64	19.81	19.72	20.5	3.5
20	256QAM	1	49	19.57	19.61	19.61		
20	256QAM	1	99	19.58	19.64	19.55		
20	256QAM	50	0	19.59	19.77	19.58	20.5	3.5
20	256QAM	50	24	19.56	19.64	19.53		
20	256QAM	50	50	19.54	19.64	19.50		
20	256QAM	100	0	19.43	19.48	19.47		
Channel				133197	133297	133397	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	0	22.85	23.00	22.78	24	0
15	QPSK	1	37	22.71	22.75	22.65		
15	QPSK	1	74	22.67	22.82	22.58		
15	QPSK	36	0	22.69	22.88	22.74	24	0
15	QPSK	36	20	22.64	22.63	22.66		
15	QPSK	36	39	22.68	22.64	22.53		
15	QPSK	75	0	22.58	22.61	22.59		
15	16QAM	1	0	22.68	22.78	22.64	24	0
15	16QAM	1	37	22.64	22.69	22.66		
15	16QAM	1	74	22.47	22.69	22.59		
15	16QAM	36	0	22.44	22.62	22.52	23.5	0.5
15	16QAM	36	20	22.40	22.49	22.49		
15	16QAM	36	39	22.45	22.46	22.40		
15	16QAM	75	0	22.33	22.41	22.41		
15	64QAM	1	0	22.68	22.82	22.67	23.5	0.5
15	64QAM	1	37	22.68	22.63	22.67		
15	64QAM	1	74	22.59	22.57	22.55		
15	64QAM	36	0	21.61	21.78	21.58	22.5	1.5
15	64QAM	36	20	21.49	21.59	21.57		
15	64QAM	36	39	21.46	21.47	21.57		
15	64QAM	75	0	21.46	21.50	21.44		
15	256QAM	1	0	19.52	19.68	19.62	20.5	3.5
15	256QAM	1	37	19.47	19.53	19.46		
15	256QAM	1	74	19.54	19.57	19.45		
15	256QAM	36	0	19.48	19.65	19.46	20.5	3.5
15	256QAM	36	20	19.43	19.55	19.48		
15	256QAM	36	39	19.50	19.60	19.43		
15	256QAM	75	0	19.31	19.37	19.36		
Channel				133172	133272	133422	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	678	693		
10	QPSK	1	0	22.83	22.96	22.78	24	0
10	QPSK	1	25	22.75	22.74	22.64		
10	QPSK	1	49	22.67	22.83	22.59		
10	QPSK	25	0	22.71	22.81	22.73	24	0
10	QPSK	25	12	22.70	22.73	22.63		
10	QPSK	25	25	22.66	22.65	22.56		
10	QPSK	50	0	22.60	22.71	22.59		
10	16QAM	1	0	22.73	22.77	22.64	24	0
10	16QAM	1	25	22.58	22.72	22.69		
10	16QAM	1	49	22.50	22.67	22.62		
10	16QAM	25	0	22.42	22.62	22.55	23.5	0.5
10	16QAM	25	12	22.40	22.47	22.49		
10	16QAM	25	25	22.42	22.46	22.40		
10	16QAM	50	0	22.32	22.50	22.40		
10	64QAM	1	0	22.64	22.73	22.65	23.5	0.5
10	64QAM	1	25	22.63	22.61	22.59		
10	64QAM	1	49	22.54	22.55	22.49		
10	64QAM	25	0	21.63	21.71	21.60	22.5	1.5
10	64QAM	25	12	21.52	21.63	21.58		
10	64QAM	25	25	21.41	21.54	21.55		
10	64QAM	50	0	21.35	21.51	21.48		
10	256QAM	1	0	19.60	19.72	19.61	20.5	3.5
10	256QAM	1	25	19.42	19.49	19.48		
10	256QAM	1	49	19.53	19.51	19.49		
10	256QAM	25	0	19.52	19.72	19.55	20.5	3.5
10	256QAM	25	12	19.43	19.55	19.43		
10	256QAM	25	25	19.44	19.53	19.37		
10	256QAM	50	0	19.36	19.37	19.36		
Channel				133147	133247	133447	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	675.5	695.5		
5	QPSK	1	0	22.82	22.90	22.82	24	0
5	QPSK	1	12	22.78	22.83	22.63		
5	QPSK	1	24	22.64	22.84	22.53		
5	QPSK	12	0	22.68	22.81	22.80	24	0
5	QPSK	12	7	22.64	22.69	22.61		
5	QPSK	12	13	22.59	22.60	22.57		
5	QPSK	25	0	22.57	22.71	22.65		
5	16QAM	1	0	22.68	22.82	22.63	24	0
5	16QAM	1	12	22.54	22.75	22.69		
5	16QAM	1	24	22.54	22.70	22.61		
5	16QAM	12	0	22.49	22.71	22.49	23.5	0.5
5	16QAM	12	7	22.43	22.42	22.43		
5	16QAM	12	13	22.38	22.54	22.42		
5	16QAM	25	0	22.42	22.42	22.41		
5	64QAM	1	0	22.68	22.80	22.62	23.5	0.5
5	64QAM	1	12	22.62	22.61	22.57		
5	64QAM	1	24	22.58	22.55	22.46		
5	64QAM	12	0	21.61	21.71	21.64	22.5	1.5
5	64QAM	12	7	21.52	21.65	21.63		
5	64QAM	12	13	21.42	21.50	21.51		
5	64QAM	25	0	21.39	21.43	21.52		
5	256QAM	1	0	19.60	19.74	19.68	20.5	3.5
5	256QAM	1	12	19.44	19.48	19.56		
5	256QAM	1	24	19.45	19.60	19.40		
5	256QAM	12	0	19.54	19.63	19.45	20.5	3.5
5	256QAM	12	7	19.41	19.50	19.41		
5	256QAM	12	13	19.44	19.52	19.40		
5	256QAM	25	0	19.31	19.43	19.36		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	20.67	20.69	20.50		
20	QPSK	1	49	20.46	20.43	20.46	22	0
20	QPSK	1	99	20.47	20.43	20.40		
20	QPSK	50	0	20.47	20.55	20.33		
20	QPSK	50	24	20.36	20.50	20.42	22	0
20	QPSK	50	50	20.23	20.36	20.32		
20	QPSK	100	0	20.37	20.52	20.33		
20	16QAM	1	0	20.46	20.57	20.39		
20	16QAM	1	49	20.36	20.45	20.33	22	0
20	16QAM	1	99	20.29	20.33	20.40		
20	16QAM	50	0	20.06	20.23	20.04		
20	16QAM	50	24	20.10	20.06	20.05	21.5	0.5
20	16QAM	50	50	19.87	20.03	19.96		
20	16QAM	100	0	19.92	20.11	20.00		
20	64QAM	1	0	20.03	20.26	20.03		
20	64QAM	1	49	19.94	20.04	20.10	21.5	0.5
20	64QAM	1	99	20.10	20.01	20.06		
20	64QAM	50	0	19.86	20.04	19.95		
20	64QAM	50	24	19.83	19.90	19.89	20.5	1.5
20	64QAM	50	50	19.82	19.86	19.83		
20	64QAM	100	0	19.85	19.88	19.79		
20	256QAM	1	0	17.91	18.08	17.94		
20	256QAM	1	49	17.82	18.08	17.92	18.5	3.5
20	256QAM	1	99	17.86	17.85	17.87		
20	256QAM	50	0	17.94	18.06	17.97		
20	256QAM	50	24	17.90	17.95	17.90	18.5	3.5
20	256QAM	50	50	17.77	17.87	17.81		
20	256QAM	100	0	17.91	18.03	17.94		
Channel				37825	38000	38175	Tune-up limit	MPR
Frequency (MHz)				2577.5	2595	2612.5	(dBm)	(dB)
15	QPSK	1	0	20.50	20.60	20.47		
15	QPSK	1	37	20.29	20.36	20.42	22	0
15	QPSK	1	74	20.40	20.36	20.23		
15	QPSK	36	0	20.30	20.38	20.27		
15	QPSK	36	20	20.24	20.39	20.31	22	0
15	QPSK	36	39	20.17	20.27	20.24		
15	QPSK	75	0	20.31	20.39	20.25		
15	16QAM	1	0	20.31	20.44	20.25		
15	16QAM	1	37	20.27	20.37	20.17	22	0
15	16QAM	1	74	20.25	20.23	20.33		
15	16QAM	36	0	19.95	20.20	19.88		
15	16QAM	36	20	19.92	19.95	19.95	21.5	0.5
15	16QAM	36	39	19.79	19.93	19.83		
15	16QAM	75	0	19.85	19.99	19.88		
15	64QAM	1	0	19.94	20.23	19.99		
15	64QAM	1	37	19.77	19.97	20.07	21.5	0.5
15	64QAM	1	74	20.01	19.95	19.99		
15	64QAM	36	0	19.77	20.01	19.81		
15	64QAM	36	20	19.73	19.86	19.85	20.5	1.5
15	64QAM	36	39	19.71	19.72	19.79		
15	64QAM	75	0	19.75	19.85	19.69		
15	256QAM	1	0	17.78	17.97	17.88		
15	256QAM	1	37	17.70	18.04	17.89	18.5	3.5
15	256QAM	1	74	17.73	17.82	17.72		
15	256QAM	36	0	17.83	18.00	17.92		
15	256QAM	36	20	17.86	17.89	17.82	18.5	3.5
15	256QAM	36	39	17.64	17.77	17.71		
15	256QAM	75	0	17.79	17.99	17.87		
Channel				37800	38000	38200	Tune-up limit	MPR
Frequency (MHz)				2575	2595	2615	(dBm)	(dB)
10	QPSK	1	0	20.56	20.52	20.46		
10	QPSK	1	25	20.31	20.39	20.41	22	0
10	QPSK	1	49	20.35	20.26	20.34		
10	QPSK	25	0	20.37	20.42	20.22		
10	QPSK	25	12	20.24	20.46	20.26	22	0
10	QPSK	25	25	20.17	20.25	20.22		
10	QPSK	50	0	20.34	20.42	20.28		
10	16QAM	1	0	20.32	20.41	20.25		
10	16QAM	1	25	20.22	20.33	20.29	22	0
10	16QAM	1	49	20.15	20.17	20.33		
10	16QAM	25	0	20.04	20.20	19.98		
10	16QAM	25	12	20.04	19.93	19.90	21.5	0.5
10	16QAM	25	25	19.81	19.86	19.87		
10	16QAM	50	0	19.86	20.04	19.84		
10	64QAM	1	0	19.89	20.09	20.01		
10	64QAM	1	25	19.82	20.01	20.01	21.5	0.5
10	64QAM	1	49	20.06	19.83	20.04		
10	64QAM	25	0	19.81	20.00	19.81		
10	64QAM	25	12	19.71	19.85	19.78	20.5	1.5
10	64QAM	25	25	19.74	19.71	19.75		
10	64QAM	50	0	19.80	19.83	19.72		
10	256QAM	1	0	17.81	18.03	17.84		
10	256QAM	1	25	17.73	17.97	17.88	18.5	3.5
10	256QAM	1	49	17.71	17.70	17.74		
10	256QAM	25	0	17.84	17.93	17.84		
10	256QAM	25	12	17.80	17.91	17.85	18.5	3.5
10	256QAM	25	25	17.69	17.82	17.69		
10	256QAM	50	0	17.85	17.98	17.84		
Channel				37775	38000	38225	Tune-up limit	MPR
Frequency (MHz)				2572.5	2595	2617.5	(dBm)	(dB)
5	QPSK	1	0	20.56	20.61	20.38		
5	QPSK	1	12	20.31	20.32	20.37	22	0
5	QPSK	1	24	20.44	20.39	20.33		
5	QPSK	12	0	20.38	20.46	20.20		
5	QPSK	12	7	20.24	20.42	20.36	22	0
5	QPSK	12	13	20.11	20.29	20.18		
5	QPSK	25	0	20.20	20.39	20.29		
5	16QAM	1	0	20.31	20.44	20.23		
5	16QAM	1	12	20.28	20.39	20.15	22	0
5	16QAM	1	24	20.16	20.29	20.25		
5	16QAM	12	0	19.93	20.17	19.96		
5	16QAM	12	7	19.97	19.92	20.00	21.5	0.5
5	16QAM	12	13	19.77	19.93	19.80		
5	16QAM	25	0	19.82	19.96	19.93		
5	64QAM	1	0	19.94	20.12	20.00		
5	64QAM	1	12	19.89	19.98	20.03	21.5	0.5
5	64QAM	1	24	19.95	19.91	19.99		
5	64QAM	12	0	19.78	19.89	19.81		
5	64QAM	12	7	19.75	19.78	19.75	20.5	1.5
5	64QAM	12	13	19.72	19.78	19.71		
5	64QAM	25	0	19.80	19.78	19.66		
5	256QAM	1	0	17.83	18.01	17.86		
5	256QAM	1	12	17.74	18.03	17.82	18.5	3.5
5	256QAM	1	24	17.74	17.70	17.78		
5	256QAM	12	0	17.86	17.93	17.85		
5	256QAM	12	7	17.79	17.86	17.86	18.5	3.5
5	256QAM	12	13	17.70	17.81	17.70		
5	256QAM	25	0	17.87	17.89	17.89		

Band 41 FCC&IC Default Ant 0

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	22.49	22.62	22.66	22.54	22.44		
20	QPSK	1	49	22.33	22.54	22.52	22.25	22.39	24	0
20	QPSK	1	99	22.26	22.31	22.42	22.25	22.24		
20	QPSK	50	0	22.27	22.18	22.34	22.22	22.28		
20	QPSK	50	24	22.05	22.15	22.16	22.15	22.02	23.5	0.5
20	QPSK	50	50	22.09	22.10	22.16	22.06	22.13		
20	QPSK	100	0	22.25	22.10	22.30	22.10	22.20		
20	16QAM	1	0	22.15	22.13	22.28	22.13	22.14		
20	16QAM	1	49	22.01	22.04	22.10	22.09	22.00	23.5	0.5
20	16QAM	1	99	22.02	22.03	22.13	22.04	22.00		
20	16QAM	50	0	21.32	21.18	21.38	21.24	21.29		
20	16QAM	50	24	21.12	21.17	21.20	21.25	21.17	22.5	1.5
20	16QAM	50	50	21.01	21.08	21.16	21.16	21.04		
20	16QAM	100	0	21.30	21.21	21.33	21.19	21.27		
20	64QAM	1	0	21.41	21.33	21.49	21.36	21.38		
20	64QAM	1	49	21.32	21.27	21.37	21.27	21.30	22.5	1.5
20	64QAM	1	99	21.19	21.24	21.30	21.20	21.20		
20	64QAM	50	0	20.27	20.27	20.40	20.30	20.31		
20	64QAM	50	24	20.23	20.24	20.32	20.22	20.29	21.5	2.5
20	64QAM	50	50	20.19	20.18	20.24	20.13	20.17		
20	64QAM	100	0	20.10	20.14	20.22	20.25	20.10		
20	256QAM	1	0	18.24	18.20	18.37	18.24	18.23		
20	256QAM	1	49	18.27	18.18	18.37	18.16	18.24	19.5	4.5
20	256QAM	1	99	18.10	18.08	18.23	18.15	18.16		
20	256QAM	50	0	18.19	18.14	18.34	18.19	18.19		
20	256QAM	50	24	18.19	18.14	18.24	18.10	18.14	19.5	4.5
20	256QAM	50	50	18.12	18.05	18.20	18.09	18.10		
20	256QAM	100	0	18.14	18.16	18.28	18.10	18.17		
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	22.37	22.58	22.55	22.43	22.33		
15	QPSK	1	37	22.17	22.37	22.46	22.09	22.36	24.00	0
15	QPSK	1	74	22.14	22.25	22.28	22.17	22.11		
15	QPSK	36	0	22.20	22.08	22.24	22.09	22.25		
15	QPSK	36	20	21.99	22.01	22.09	22.05	21.91	23.5	0.5
15	QPSK	36	39	22.03	22.02	22.05	21.99	22.05		
15	QPSK	75	0	22.13	21.96	22.15	22.06	22.11		
15	16QAM	1	0	22.09	21.98	22.16	22.06	22.11		
15	16QAM	1	37	21.93	22.00	21.97	22.02	21.90	23.5	0.5
15	16QAM	1	74	21.99	21.91	22.04	21.97	21.94		
15	16QAM	36	0	21.28	21.04	21.26	21.18	21.26		
15	16QAM	36	20	20.98	21.09	21.05	21.20	21.09	22.5	1.5
15	16QAM	36	39	20.88	21.03	21.01	21.05	20.92		
15	16QAM	75	0	21.17	21.17	21.20	21.04	21.13		
15	64QAM	1	0	21.32	21.20	21.35	21.31	21.33		
15	64QAM	1	37	21.27	21.18	21.22	21.17	21.22	22.5	1.5
15	64QAM	1	74	21.12	21.09	21.23	21.07	21.08		
15	64QAM	36	0	20.20	20.19	20.36	20.20	20.20		
15	64QAM	36	20	20.09	20.09	20.26	20.17	20.18	21.5	2.5
15	64QAM	36	39	20.10	20.15	20.18	19.98	20.12		
15	64QAM	75	0	19.99	20.05	20.08	20.12	20.00		
15	256QAM	1	0	18.15	18.14	18.29	18.13	18.19		
15	256QAM	1	37	18.20	18.10	18.33	18.02	18.12	19.5	4.5
15	256QAM	1	74	18.04	18.02	18.12	18.11	18.08		
15	256QAM	36	0	18.07	18.07	18.21	18.13	18.15		
15	256QAM	36	20	18.12	18.03	18.16	17.98	18.05	19.5	4.5
15	256QAM	36	39	18.08	17.93	18.11	18.02	18.01		
15	256QAM	75	0	18.10	18.11	18.16	18.03	18.06		
Channel				39700	40160	40620	41080	41540	Tune-up limit	MPR
Frequency (MHz)				2501	2547	2593	2639	2685	(dBm)	(dB)
10	QPSK	1	0	22.42	22.50	22.49	22.52	22.27		
10	QPSK	1	25	22.19	22.51	22.35	22.19	22.31	24.00	0
10	QPSK	1	49	22.21	22.18	22.34	22.19	22.20		
10	QPSK	25	0	22.16	22.04	22.20	22.08	22.16		
10	QPSK	25	12	21.91	22.04	22.13	22.12	21.92	23.5	0.5
10	QPSK	25	25	21.96	22.05	22.06	21.92	22.04		
10	QPSK	50	0	22.13	21.95	22.18	22.05	22.13		
10	16QAM	1	0	22.10	22.00	22.13	22.05	22.08		
10	16QAM	1	25	21.89	21.96	22.01	22.01	21.87	23.5	0.5
10	16QAM	1	49	21.87	21.90	22.07	21.93	21.86		
10	16QAM	25	0	21.22	21.13	21.29	21.13	21.21		
10	16QAM	25	12	21.05	21.12	21.15	21.10	21.09	22.5	1.5
10	16QAM	25	25	20.89	21.05	21.13	21.06	20.90		
10	16QAM	50	0	21.25	21.07	21.28	21.13	21.15		
10	64QAM	1	0	21.32	21.23	21.40	21.32	21.29		
10	64QAM	1	25	21.23	21.13	21.33	21.14	21.19	22.5	1.5
10	64QAM	1	49	21.15	21.14	21.18	21.11	21.14		
10	64QAM	25	0	20.12	20.17	20.30	20.26	20.23		
10	64QAM	25	12	20.16	20.15	20.19	20.10	20.26	21.5	2.5
10	64QAM	25	25	20.10	20.14	20.18	20.10	20.03		
10	64QAM	50	0	20.00	20.01	20.18	20.12	20.06		
10	256QAM	1	0	18.15	18.06	18.33	18.21	18.20		
10	256QAM	1	25	18.16	18.08	18.29	18.07	18.12	19.5	4.5
10	256QAM	1	49	18.05	17.99	18.18	18.12	18.02		
10	256QAM	25	0	18.14	18.09	18.20	18.09	18.10		
10	256QAM	25	12	18.13	18.09	18.09	17.97	18.09	19.5	4.5
10	256QAM	25	25	18.09	18.01	18.10	17.97	17.95		
10	256QAM	50	0	18.08	18.10	18.17	17.99	18.12		
Channel				39675	40148	40620	41093	41565	Tune-up limit	MPR
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5	(dBm)	(dB)
5	QPSK	1	0	22.32	22.47	22.56	22.43	22.42		
5	QPSK	1	12	22.20	22.51	22.37	22.13	22.33	24.00	0
5	QPSK	1	24	22.12	22.27	22.34	22.09	22.20		
5	QPSK	12	0	22.22	22.05	22.23	22.07	22.23		
5	QPSK	12	7	21.94	22.08	22.06	22.00	21.93	23.5	0.5
5	QPSK	12	13	21.99	21.96	22.10	22.01	21.99		
5	QPSK	25	0	22.21	22.04	22.19	21.99	22.17		
5	16QAM	1	0	22.10	22.02	22.15	21.99	22.09		
5	16QAM	1	12	21.89	21.97	22.06	21.99	21.97	23.5	0.5
5	16QAM	1	24	21.87	22.00	22.03	21.95	21.92		
5	16QAM	12	0	21.25	21.12	21.34	21.11	21.20		
5	16QAM	12	7	20.97	21.03	21.12	21.10	21.09	22.5	1.5
5	16QAM	12	13	20.89	20.95	21.02	21.08	20.91		
5	16QAM	25	0	21.18	21.10	21.22	21.08	21.19		
5	64QAM	1	0	21.35	21.27	21.36	21.28	21.27		
5	64QAM	1	12	21.28	21.13	21.25	21.19	21.16	22.5	1.5
5	64QAM	1	24	21.08	21.20	21.26	21.16	21.16		
5	64QAM	12	0	20.12	20.23	20.34	20.20	20.18		
5	64QAM	12	7	20.14	20.17	20.19	20.15	20.25	21.5	2.5
5	64QAM	12	13	20.08	20.04	20.10	20.07	20.04		
5	64QAM	25	0	19.99	19.99	20.16	20.20	20.02		
5	256QAM	1	0	18.13	18.13	18.31	18.11	18.10		
5	256QAM	1	12	18.24	18.07	18.25	18.02	18.21	19.5	4.5
5	256QAM	1	24	17.98	18.00	18.19	18.00	18.01		
5	256QAM	12	0	18.07	18.04	18.20	18.08	18.12		
5	256QAM	12	7	18.06	18.10	18.14	17.99	18.09	19.5	4.5
5	256QAM	12	13	18.01	17.96	18.06	18.03	17.98		
5	256QAM	25	0	18.00	18.06	18.14	18.06	18.09		

Band 41 FCC&IC PC2 Default Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	25.60	25.56	25.62	25.46	25.43	26	0
20	QPSK	1	49	25.46	25.23	25.56	25.40	25.36		
20	QPSK	1	99	25.23	25.38	25.42	25.35	25.31		
20	QPSK	50	0	25.42	25.34	25.48	25.21	25.08	26	0
20	QPSK	50	24	25.32	25.23	25.38	25.29	25.10		
20	QPSK	50	50	25.07	25.19	25.20	25.26	25.08		
20	QPSK	100	0	25.32	25.20	25.36	25.28	25.13		
20	16QAM	1	0	25.55	25.46	25.60	25.46	25.41	26	0
20	16QAM	1	49	25.35	25.39	25.48	25.46	25.27		
20	16QAM	1	99	25.30	25.34	25.42	25.44	25.22		
20	16QAM	50	0	24.26	24.15	24.36	24.27	24.10	25	1
20	16QAM	50	24	24.19	24.20	24.28	24.11	24.06		
20	16QAM	50	50	24.11	24.05	24.17	24.11	23.97		
20	16QAM	100	0	24.25	24.21	24.33	24.15	24.17		
20	64QAM	1	0	24.18	24.15	24.29	24.10	24.10	25	1
20	64QAM	1	49	24.02	24.11	24.10	24.10	23.96		
20	64QAM	1	99	24.08	24.03	24.14	24.03	23.96		
20	64QAM	50	0	23.26	23.22	23.38	23.20	23.14	24	2
20	64QAM	50	24	23.15	23.14	23.27	23.19	23.03		
20	64QAM	50	50	23.14	23.10	23.23	23.15	23.06		
20	64QAM	100	0	23.11	23.17	23.23	23.22	23.02		
20	256QAM	1	0	21.51	21.42	21.59	21.46	21.29	22	4
20	256QAM	1	49	21.54	21.40	21.59	21.45	21.30		
20	256QAM	1	99	21.24	21.37	21.38	21.38	21.28		
20	256QAM	50	0	21.36	21.31	21.43	21.35	21.24	22	4
20	256QAM	50	24	21.22	21.16	21.29	21.24	21.04		
20	256QAM	50	50	21.14	21.12	21.21	21.20	21.05		
20	256QAM	100	0	21.32	21.21	21.38	21.19	21.16		
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	25.52	25.47	25.59	25.30	25.28	26.00	0
15	QPSK	1	37	25.39	25.12	25.50	25.28	25.20		
15	QPSK	1	74	25.13	25.30	25.35	25.24	25.23		
15	QPSK	36	0	25.39	25.31	25.31	25.10	24.91	26	0
15	QPSK	36	20	25.20	25.06	25.34	25.19	24.95		
15	QPSK	36	39	24.93	25.03	25.07	25.24	25.04		
15	QPSK	75	0	25.24	25.15	25.23	25.15	25.00		
15	16QAM	1	0	25.43	25.36	25.51	25.38	25.36	26	0
15	16QAM	1	37	25.25	25.30	25.37	25.42	25.23		
15	16QAM	1	74	25.16	25.21	25.28	25.38	25.10		
15	16QAM	36	0	24.22	24.02	24.24	24.16	23.97	25	1
15	16QAM	36	20	24.05	24.08	24.22	24.05	23.92		
15	16QAM	36	39	24.08	23.99	24.08	24.06	23.86		
15	16QAM	75	0	24.19	24.08	24.27	24.04	24.02		
15	64QAM	1	0	24.04	24.10	24.16	24.05	23.99	25	1
15	64QAM	1	37	23.89	24.04	23.97	23.98	23.88		
15	64QAM	1	74	24.03	23.89	24.10	23.94	23.92		
15	64QAM	36	0	23.19	23.18	23.35	23.05	23.05	24	2
15	64QAM	36	20	23.05	22.99	23.22	23.15	22.97		
15	64QAM	36	39	23.04	22.99	23.14	23.10	22.96		
15	64QAM	75	0	23.04	23.03	23.08	23.18	22.92		
15	256QAM	1	0	21.43	21.30	21.51	21.39	21.22	22	4
15	256QAM	1	37	21.42	21.27	21.46	21.36	21.19		
15	256QAM	1	74	21.20	21.26	21.32	21.23	21.20		
15	256QAM	36	0	21.24	21.17	21.34	21.25	21.11	22	4
15	256QAM	36	20	21.08	21.12	21.21	21.16	20.99		
15	256QAM	36	39	21.10	21.08	21.07	21.09	20.98		
15	256QAM	75	0	21.21	21.12	21.31	21.06	21.07		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	25.44	25.44	25.54	25.33	25.27	26.00	0
10	QPSK	1	25	25.35	25.11	25.51	25.34	25.28		
10	QPSK	1	49	25.06	25.30	25.30	25.31	25.16		
10	QPSK	25	0	25.34	25.22	25.36	25.10	24.92	26	0
10	QPSK	25	12	25.28	25.05	25.22	25.14	25.03		
10	QPSK	25	25	24.92	25.06	25.09	25.14	24.97		
10	QPSK	50	0	25.30	25.06	25.23	25.24	24.96		
10	16QAM	1	0	25.47	25.40	25.60	25.41	25.36	26	0
10	16QAM	1	25	25.20	25.34	25.40	25.38	25.12		
10	16QAM	1	49	25.21	25.21	25.28	25.36	25.17		
10	16QAM	25	0	24.23	24.09	24.31	24.12	24.03	25	1
10	16QAM	25	12	24.12	24.15	24.22	24.06	23.91		
10	16QAM	25	25	24.04	23.96	24.14	24.04	23.85		
10	16QAM	50	0	24.18	24.14	24.28	24.06	24.13		
10	64QAM	1	0	24.09	24.09	24.26	24.06	23.97	25	1
10	64QAM	1	25	23.94	23.98	24.02	23.99	23.88		
10	64QAM	1	49	23.94	23.89	24.02	23.92	23.86		
10	64QAM	25	0	23.21	23.08	23.28	23.15	23.03	24	2
10	64QAM	25	12	23.05	23.10	23.24	23.09	22.89		
10	64QAM	25	25	23.02	22.97	23.20	23.08	22.96		
10	64QAM	50	0	22.97	23.07	23.13	23.18	22.98		
10	256QAM	1	0	21.47	21.39	21.54	21.36	21.18	22	4
10	256QAM	1	25	21.51	21.26	21.47	21.39	21.25		
10	256QAM	1	49	21.14	21.30	21.35	21.30	21.22		
10	256QAM	25	0	21.28	21.21	21.36	21.32	21.20	22	4
10	256QAM	25	12	21.09	21.04	21.23	21.17	20.94		
10	256QAM	25	25	20.99	21.07	21.13	21.16	20.96		
10	256QAM	50	0	21.28	21.16	21.27	21.11	21.02		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	25.51	25.43	25.46	25.38	25.40	26.00	0
5	QPSK	1	12	25.43	25.07	25.45	25.33	25.31		
5	QPSK	1	24	25.15	25.24	25.36	25.21	25.26		
5	QPSK	12	0	25.39	25.32	25.41	25.09	24.93	26	0
5	QPSK	12	7	25.24	25.15	25.28	25.12	25.03		
5	QPSK	12	13	24.93	25.06	25.02	25.17	25.05		
5	QPSK	25	0	25.21	25.05	25.28	25.22	25.09		
5	16QAM	1	0	25.47	25.42	25.52	25.38	25.27	26	0
5	16QAM	1	12	25.29	25.29	25.33	25.35	25.24		
5	16QAM	1	24	25.19	25.21	25.36	25.34	25.18		
5	16QAM	12	0	24.20	24.02	24.31	24.20	24.02	25	1
5	16QAM	12	7	24.15	24.14	24.19	24.06	23.97		
5	16QAM	12	13	24.06	23.98	24.03	24.07	23.89		
5	16QAM	25	0	24.12	24.15	24.26	24.06	24.07		
5	64QAM	1	0	24.07	24.10	24.21	24.05	24.00	25	1
5	64QAM	1	12	23.91	23.97	24.02	24.07	23.92		
5	64QAM	1	24	23.97	23.99	24.11	23.99	23.89		
5	64QAM	12	0	23.18	23.14	23.27	23.07	23.06	24	2
5	64QAM	12	7	23.08	23.08	23.15	23.10	22.99		
5	64QAM	12	13	23.00	22.98	23.16	23.05	23.01		
5	64QAM	25	0	23.08	23.11	23.11	23.18	22.98		
5	256QAM	1	0	21.45	21.34	21.49	21.41	21.22	22	4
5	256QAM	1	12	21.48	21.25	21.46	21.37	21.17		
5	256QAM	1	24	21.19	21.30	21.32	21.28	21.22		
5	256QAM	12	0	21.28	21.25	21.33	21.22	21.19	22	4
5	256QAM	12	7	21.19	21.07	21.22	21.20	20.93		
5	256QAM	12	13	21.08	21.06	21.15	21.16	20.96		
5	256QAM	25	0	21.24	21.16	21.25	21.12	21.06		

Band 48 Default Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	21.28	21.44	21.37	21.32	23	0
20	QPSK	1	49	21.23	21.39	21.34	21.25		
20	QPSK	1	99	21.26	21.34	21.19	21.20		
20	QPSK	50	0	21.25	21.37	21.32	21.23	23	0
20	QPSK	50	24	21.24	21.35	21.30	21.31		
20	QPSK	50	50	21.26	21.31	21.26	21.23		
20	QPSK	100	0	21.15	21.28	21.14	21.22		
20	16QAM	1	0	21.31	21.34	21.30	21.24	23	0
20	16QAM	1	49	21.23	21.30	21.20	21.23		
20	16QAM	1	99	21.16	21.29	21.15	21.20		
20	16QAM	50	0	21.16	21.26	21.18	21.15	22.5	0.5
20	16QAM	50	24	21.14	21.20	21.17	21.11		
20	16QAM	50	50	21.10	21.23	21.14	21.19		
20	16QAM	100	0	21.18	21.21	21.15	21.13		
20	64QAM	1	0	21.09	21.15	21.10	21.01	22.5	0.5
20	64QAM	1	49	20.99	21.07	20.96	21.04		
20	64QAM	1	99	21.08	21.13	20.99	21.09		
20	64QAM	50	0	19.96	20.09	20.04	19.98	21.5	1.5
20	64QAM	50	24	20.18	20.22	20.08	20.15		
20	64QAM	50	50	20.15	20.20	20.15	20.14		
20	64QAM	100	0	20.08	20.15	20.10	20.10		
20	256QAM	1	0	18.13	18.25	18.16	18.11	19	4
20	256QAM	1	49	18.14	18.23	18.11	18.13		
20	256QAM	1	99	18.16	18.20	18.16	18.10		
20	256QAM	50	0	18.01	18.15	18.04	18.02	19	4
20	256QAM	50	24	18.14	18.17	18.02	18.05		
20	256QAM	50	50	18.02	18.14	17.99	18.08		
20	256QAM	100	0	18.09	18.11	18.06	17.98		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	21.15	21.40	21.29	21.27	23	0
15	QPSK	1	37	21.14	21.29	21.28	21.10		
15	QPSK	1	74	21.20	21.20	21.06	21.13		
15	QPSK	36	0	21.17	21.24	21.18	21.18	23	0
15	QPSK	36	20	21.09	21.22	21.25	21.23		
15	QPSK	36	39	21.13	21.26	21.19	21.13		
15	QPSK	75	0	21.06	21.18	21.11	21.14		
15	16QAM	1	0	21.18	21.22	21.22	21.14	23	0
15	16QAM	1	37	21.13	21.17	21.16	21.11		
15	16QAM	1	74	21.10	21.16	21.07	21.09		
15	16QAM	36	0	21.06	21.18	21.14	21.09	22.5	0.5
15	16QAM	36	20	21.04	21.07	21.03	20.99		
15	16QAM	36	39	21.05	21.19	21.10	21.15		
15	16QAM	75	0	21.10	21.10	21.11	21.02		
15	64QAM	1	0	20.95	21.04	21.04	20.93	22.5	0.5
15	64QAM	1	37	20.89	20.93	20.88	20.98		
15	64QAM	1	74	20.95	21.02	20.91	21.03		
15	64QAM	36	0	19.93	20.05	19.99	19.85	21.5	1.5
15	64QAM	36	20	20.06	20.07	20.04	20.07		
15	64QAM	36	39	20.04	20.15	20.11	20.05		
15	64QAM	75	0	20.00	20.08	19.97	20.04		
15	256QAM	1	0	18.04	18.17	18.07	18.00	19	4
15	256QAM	1	37	18.03	18.14	18.00	18.10		
15	256QAM	1	74	18.12	18.08	18.13	17.99		
15	256QAM	36	0	17.91	18.03	17.94	17.95	19	4
15	256QAM	36	20	18.10	18.07	17.90	17.95		
15	256QAM	36	39	17.99	18.04	17.94	18.04		
15	256QAM	75	0	18.02	18.02	17.94	17.92		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	21.23	21.37	21.33	21.21	23	0
10	QPSK	1	25	21.13	21.35	21.28	21.11		
10	QPSK	1	49	21.12	21.22	21.10	21.13		
10	QPSK	25	0	21.19	21.32	21.18	21.12	23	0
10	QPSK	25	12	21.18	21.23	21.18	21.20		
10	QPSK	25	25	21.12	21.22	21.20	21.11		
10	QPSK	50	0	21.06	21.22	21.03	21.18		
10	16QAM	1	0	21.28	21.28	21.19	21.13	23	0
10	16QAM	1	25	21.10	21.25	21.13	21.16		
10	16QAM	1	49	21.02	21.20	21.09	21.10		
10	16QAM	25	0	21.12	21.21	21.04	21.10	22.5	0.5
10	16QAM	25	12	21.02	21.16	21.05	21.07		
10	16QAM	25	25	20.96	21.12	21.05	21.14		
10	16QAM	50	0	21.14	21.08	21.11	21.05		
10	64QAM	1	0	21.03	21.06	20.98	20.97	22.5	0.5
10	64QAM	1	25	20.96	21.04	20.84	21.01		
10	64QAM	1	49	21.03	20.98	20.92	20.98		
10	64QAM	25	0	19.92	19.95	19.91	19.94	21.5	1.5
10	64QAM	25	12	20.11	20.10	19.93	20.03		
10	64QAM	25	25	20.07	20.11	20.08	20.03		
10	64QAM	50	0	19.94	20.02	20.05	20.06		
10	256QAM	1	0	18.03	18.15	18.12	18.07	19	4
10	256QAM	1	25	18.10	18.14	18.07	18.00		
10	256QAM	1	49	18.03	18.12	18.12	17.98		
10	256QAM	25	0	17.95	18.10	17.90	17.94	19	4
10	256QAM	25	12	18.02	18.06	17.99	17.91		
10	256QAM	25	25	17.94	18.08	17.90	18.00		
10	256QAM	50	0	18.03	18.07	17.98	17.92		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	21.15	21.31	21.28	21.19	23	0
5	QPSK	1	12	21.14	21.35	21.28	21.19		
5	QPSK	1	24	21.11	21.31	21.15	21.10		
5	QPSK	12	0	21.15	21.29	21.19	21.10	23	0
5	QPSK	12	7	21.20	21.25	21.22	21.19		
5	QPSK	12	13	21.14	21.19	21.18	21.11		
5	QPSK	25	0	21.11	21.19	21.09	21.16		
5	16QAM	1	0	21.23	21.27	21.18	21.11	23	0
5	16QAM	1	12	21.16	21.18	21.08	21.19		
5	16QAM	1	24	21.10	21.16	21.02	21.11		
5	16QAM	12	0	21.05	21.15	21.05	21.12	22.5	0.5
5	16QAM	12	7	21.09	21.11	21.10	21.06		
5	16QAM	12	13	21.01	21.15	21.03	21.08		
5	16QAM	25	0	21.08	21.07	21.03	21.07		
5	64QAM	1	0	21.03	21.07	20.95	20.93	22.5	0.5
5	64QAM	1	12	20.91	20.99	20.87	20.90		
5	64QAM	1	24	21.04	20.99	20.85	20.97		
5	64QAM	12	0	19.83	19.97	19.97	19.85	21.5	1.5
5	64QAM	12	7	20.15	20.17	19.99	20.06		
5	64QAM	12	13	20.11	20.14	20.03	20.00		
5	64QAM	25	0	20.04	20.11	20.03	19.99		
5	256QAM	1	0	18.01	18.16	18.13	18.04	19	4
5	256QAM	1	12	18.10	18.17	18.00	18.00		
5	256QAM	1	24	18.04	18.10	18.02	18.06		
5	256QAM	12	0	17.93	18.01	17.99	17.97	19	4
5	256QAM	12	7	18.06	18.03	17.90	17.95		
5	256QAM	12	13	17.94	18.05	17.92	17.95		
5	256QAM	25	0	18.00	18.06	18.01	17.84		

GSM850 Ant1

GSM850	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)	Ch Delta > 0.5
TX Channel	128	189	251		128	189	251		
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8		
GSM 1 Tx slot	31.42	31.48	31.36	32.50	22.42	22.48	22.36	23.50	0.15
GPRS 1 Tx slot	31.39	31.45	31.33	32.50	22.39	22.45	22.33	23.50	
GPRS 2 Tx slots	28.27	28.39	28.32	29.50	22.27	22.39	22.32	23.50	0.12
GPRS 3 Tx slots	26.80	26.91	26.80	28.00	22.54	22.65	22.54	23.74	0.11
GPRS 4 Tx slots	25.16	25.22	25.17	26.00	22.16	22.22	22.17	23.00	0.06
EDGE 1 Tx slot	24.03	24.17	24.05	25.00	15.03	15.17	15.05	16.00	0.14
EDGE 2 Tx slots	22.29	22.41	22.34	23.50	16.29	16.41	16.34	17.50	0.12
EDGE 3 Tx slots	21.15	21.23	21.08	22.00	16.89	16.97	16.82	17.74	0.15
EDGE 4 Tx slots	18.99	19.08	18.93	20.00	15.99	16.08	15.93	17.00	0.15

GSM1900 Ant1

GSM1900	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)	Ch Delta > 0.5
TX Channel	512	661	810		512	661	810		
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8		
GSM 1 Tx slot	27.66	27.74	27.63	28.50	18.66	18.74	18.63	19.50	0.22
GPRS 1 Tx slot	27.52	27.67	27.57	28.50	18.52	18.67	18.57	19.50	
GPRS 2 Tx slots	25.06	25.09	24.98	26.00	19.06	19.09	18.98	20.00	0.11
GPRS 3 Tx slots	23.36	23.42	23.32	24.50	19.10	19.16	19.06	20.24	0.10
GPRS 4 Tx slots	20.62	20.74	20.63	21.50	17.62	17.74	17.63	18.50	0.12
EDGE 1 Tx slot	22.78	22.86	22.72	23.50	13.78	13.86	13.72	14.50	0.14
EDGE 2 Tx slots	21.13	21.22	21.13	22.00	15.13	15.22	15.13	16.00	0.09
EDGE 3 Tx slots	19.86	19.96	19.86	21.00	15.60	15.70	15.60	16.74	0.10
EDGE 4 Tx slots	17.91	18.05	17.97	19.00	14.91	15.05	14.97	16.00	0.14

WCDMA II Ant1 / WCDMA IV Ant1 / WCDMA V Ant1

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	21.45	21.53	21.44	23.00	21.42	21.44	21.31	23.00	21.14	21.17	21.04	23.00
3GPP Rel 99	RMC 12.2Kbps	21.48	21.57	21.51	23.00	21.45	21.49	21.37	23.00	21.17	21.23	21.09	23.00
3GPP Rel 6	HSDPA Subtest-1	20.55	20.64	20.47	22.00	20.46	20.57	20.32	22.00	20.23	20.23	20.02	22.00
3GPP Rel 6	HSDPA Subtest-2	20.48	20.57	20.52	22.00	20.42	20.50	20.41	22.00	20.12	20.22	20.17	22.00
3GPP Rel 6	HSDPA Subtest-3	20.02	20.14	20.10	21.50	19.91	20.02	19.95	21.50	19.57	19.70	19.69	21.50
3GPP Rel 6	HSDPA Subtest-4	19.95	20.18	20.08	21.50	19.87	20.11	19.94	21.50	19.56	19.79	19.61	21.50
3GPP Rel 8	DC-HSDPA Subtest-1	20.50	20.70	20.45	22.00	20.46	20.63	20.35	22.00	20.21	20.32	20.01	22.00
3GPP Rel 8	DC-HSDPA Subtest-2	20.37	20.42	20.36	22.00	20.33	20.29	20.28	22.00	20.08	20.06	19.94	22.00
3GPP Rel 8	DC-HSDPA Subtest-3	19.99	19.96	19.92	21.50	19.94	19.84	19.88	21.50	19.69	19.58	19.65	21.50
3GPP Rel 8	DC-HSDPA Subtest-4	19.87	19.94	19.99	21.50	19.82	19.80	19.93	21.50	19.49	19.47	19.64	21.50
3GPP Rel 6	HSUPA Subtest-1	20.56	20.61	20.66	22.00	20.43	20.56	20.56	22.00	20.15	20.22	20.28	22.00
3GPP Rel 6	HSUPA Subtest-2	18.53	18.67	18.52	20.00	18.42	18.53	18.39	20.00	18.09	18.19	18.13	20.00
3GPP Rel 6	HSUPA Subtest-3	19.53	19.62	19.58	21.00	19.43	19.53	19.47	21.00	19.19	19.20	19.15	21.00
3GPP Rel 6	HSUPA Subtest-4	18.45	18.48	18.44	20.00	18.37	18.45	18.35	20.00	18.04	18.14	18.03	20.00
3GPP Rel 6	HSUPA Subtest-5	20.59	20.49	20.39	22.00	20.55	20.36	20.33	22.00	20.21	20.03	20.08	22.00

Band 2 Default Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	20.90	21.09	20.98	22	0
20	QPSK	1	49	20.75	21.04	20.88		
20	QPSK	1	99	20.80	20.88	20.76		
20	QPSK	50	0	20.99	21.04	20.89		
20	QPSK	50	24	20.87	20.99	20.90	22	0
20	QPSK	50	50	20.88	20.92	20.80		
20	QPSK	100	0	20.90	20.96	20.87		
20	16QAM	1	0	20.80	20.93	20.79		
20	16QAM	1	49	20.77	20.83	20.83	22	0
20	16QAM	1	99	20.69	20.73	20.77		
20	16QAM	50	0	20.82	20.88	20.76		
20	16QAM	50	24	20.72	20.85	20.69	21.5	0.5
20	16QAM	50	50	20.72	20.79	20.66		
20	16QAM	100	0	20.76	20.85	20.77		
20	64QAM	1	0	20.71	20.80	20.71		
20	64QAM	1	49	20.67	20.76	20.72	21.5	0.5
20	64QAM	1	99	20.56	20.71	20.61		
20	64QAM	50	0	19.80	19.88	19.76		
20	64QAM	50	24	19.77	19.73	19.69	20.5	1.5
20	64QAM	50	50	19.71	19.72	19.69		
20	64QAM	100	0	19.86	19.83	19.80		
20	256QAM	1	0	17.86	17.99	17.89	18.5	3.5
20	256QAM	1	49	17.87	17.99	17.89		
20	256QAM	1	99	17.82	17.86	17.81		
20	256QAM	50	0	17.88	17.94	17.88		
20	256QAM	50	24	17.73	17.83	17.80	18.5	3.5
20	256QAM	50	50	17.75	17.81	17.69		
20	256QAM	100	0	17.81	17.87	17.74		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	20.86	21.02	20.89	22	0
15	QPSK	1	37	20.75	20.99	20.80		
15	QPSK	1	74	20.73	21.00	20.86		
15	QPSK	36	0	20.93	21.03	20.87		
15	QPSK	36	20	20.78	20.91	20.88		
15	QPSK	36	39	20.90	20.83	20.73		
15	QPSK	75	0	20.82	20.95	20.77		
15	16QAM	1	0	20.75	20.91	20.81	22	0
15	16QAM	1	37	20.76	20.73	20.84		
15	16QAM	1	74	20.66	20.74	20.71		
15	16QAM	36	0	20.72	20.81	20.67	21.5	0.5
15	16QAM	36	20	20.64	20.84	20.69		
15	16QAM	36	39	20.66	20.80	20.57		
15	16QAM	75	0	20.73	20.83	20.75		
15	64QAM	1	0	20.70	20.72	20.67	21.5	0.5
15	64QAM	1	37	20.66	20.76	20.74		
15	64QAM	1	74	20.49	20.69	20.55		
15	64QAM	36	0	19.72	19.86	19.74	20.5	1.5
15	64QAM	36	20	19.76	19.81	19.66		
15	64QAM	36	39	19.71	19.63	19.61		
15	64QAM	75	0	19.86	19.82	19.78		
15	256QAM	1	0	17.80	17.90	17.86	18.5	3.5
15	256QAM	1	37	17.84	17.88	17.78		
15	256QAM	1	74	17.76	17.85	17.72		
15	256QAM	36	0	17.86	17.93	17.81		
15	256QAM	36	20	17.73	17.82	17.78	18.5	3.5
15	256QAM	36	39	17.66	17.74	17.66		
15	256QAM	75	0	17.73	17.89	17.68		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	20.89	21.05	20.91	22	0
10	QPSK	1	25	20.70	20.95	20.82		
10	QPSK	1	49	20.71	20.94	20.92		
10	QPSK	25	0	20.94	20.94	20.87		
10	QPSK	25	12	20.84	20.95	20.84	22	0
10	QPSK	25	25	20.84	20.85	20.83		
10	QPSK	50	0	20.80	20.86	20.82		
10	16QAM	1	0	20.79	20.95	20.74		
10	16QAM	1	25	20.78	20.74	20.85	22	0
10	16QAM	1	49	20.62	20.73	20.73		
10	16QAM	25	0	20.83	20.89	20.70		
10	16QAM	25	12	20.72	20.84	20.66	21.5	0.5
10	16QAM	25	25	20.68	20.80	20.64		
10	16QAM	50	0	20.73	20.87	20.77		
10	64QAM	1	0	20.64	20.75	20.71	21.5	0.5
10	64QAM	1	25	20.64	20.76	20.64		
10	64QAM	1	49	20.49	20.69	20.55		
10	64QAM	25	0	19.75	19.87	19.67	20.5	1.5
10	64QAM	25	12	19.75	19.65	19.71		
10	64QAM	25	25	19.67	19.67	19.67		
10	64QAM	50	0	19.79	19.77	19.82		
10	256QAM	1	0	17.81	17.92	17.86	18.5	3.5
10	256QAM	1	25	17.81	17.92	17.85		
10	256QAM	1	49	17.73	17.79	17.76		
10	256QAM	25	0	17.82	17.85	17.80	18.5	3.5
10	256QAM	25	12	17.69	17.78	17.75		
10	256QAM	25	25	17.75	17.78	17.70		
10	256QAM	50	0	17.82	17.78	17.68		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	20.81	21.06	20.88	22	0
5	QPSK	1	12	20.65	20.99	20.82		
5	QPSK	1	24	20.72	21.01	20.90		
5	QPSK	12	0	20.90	21.01	20.81	22	0
5	QPSK	12	7	20.87	20.95	20.86		
5	QPSK	12	13	20.86	20.84	20.73		
5	QPSK	25	0	20.87	20.94	20.79		
5	16QAM	1	0	20.78	20.90	20.76	22	0
5	16QAM	1	12	20.73	20.74	20.78		
5	16QAM	1	24	20.62	20.67	20.71		
5	16QAM	12	0	20.83	20.83	20.78	21.5	0.5
5	16QAM	12	7	20.71	20.79	20.64		
5	16QAM	12	13	20.71	20.75	20.62		
5	16QAM	25	0	20.73	20.78	20.74		
5	64QAM	1	0	20.65	20.77	20.62	21.5	0.5
5	64QAM	1	12	20.69	20.66	20.73		
5	64QAM	1	24	20.48	20.68	20.53		
5	64QAM	12	0	19.71	19.82	19.66	20.5	1.5
5	64QAM	12	7	19.73	19.65	19.68		
5	64QAM	12	13	19.73	19.72	19.60		
5	64QAM	25	0	19.80	19.79	19.79		
5	256QAM	1	0	17.76	17.97	17.81	18.5	3.5
5	256QAM	1	12	17.79	17.96	17.85		
5	256QAM	1	24	17.78	17.78	17.81		
5	256QAM	12	0	17.78	17.89	17.80	18.5	3.5
5	256QAM	12	7	17.66	17.84	17.81		
5	256QAM	12	13	17.73	17.76	17.59		
5	256QAM	25	0	17.78	17.84	17.73		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	20.91	21.00	20.91	22	0
3	QPSK	1	8	20.76	20.94	20.81		
3	QPSK	1	14	20.70	20.93	20.83		
3	QPSK	8	0	20.97	20.99	20.84	22	0
3	QPSK	8	4	20.82	21.00	20.88		
3	QPSK	8	7	20.90	20.87	20.76		
3	QPSK	15	0	20.84	20.86	20.86		
3	16QAM	1	0	20.82	20.94	20.71	22	0
3	16QAM	1	8	20.72	20.75	20.77		
3	16QAM	1	14	20.65	20.68	20.77		
3	16QAM	8	0	20.74	20.88	20.76	21.5	0.5
3	16QAM	8	4	20.72	20.79	20.64		
3	16QAM	8	7	20.66	20.81	20.60		
3	16QAM	15	0	20.78	20.80	20.70		
3	64QAM	1	0	20.71	20.74	20.63	21.5	0.5
3	64QAM	1	8	20.61	20.74	20.65		
3	64QAM	1	14	20.46	20.71	20.56		
3	64QAM	8	0	19.79	19.79	19.71	20.5	1.5
3	64QAM	8	4	19.71	19.64	19.69		
3	64QAM	8	7	19.61	19.63	19.67		
3	64QAM	15	0	19.79	19.73	19.77		
3	256QAM	1	0	17.84	17.94	17.88	18.5	3.5
3	256QAM	1	8	17.88	17.94	17.87		
3	256QAM	1	14	17.81	17.82	17.75		
3	256QAM	8	0	17.88	17.92	17.79		
3	256QAM	8	4	17.65	17.84	17.78	18.5	3.5
3	256QAM	8	7	17.70	17.81	17.71		
3	256QAM	15	0	17.80	17.78	17.75		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	20.81	21.07	20.93	22	0
1.4	QPSK	1	3	20.66	20.93	20.79		
1.4	QPSK	1	5	20.76	20.96	20.83		
1.4	QPSK	3	0	20.95	21.00	20.80		
1.4	QPSK	3	1	20.77	20.88	20.78		
1.4	QPSK	3	3	20.84	20.89	20.72		
1.4	QPSK	6	0	20.86	20.91	20.83	22	0
1.4	16QAM	1	0	20.73	20.81	20.76	22	0
1.4	16QAM	1	3	20.73	20.71	20.75		
1.4	16QAM	1	5	20.68	20.66	20.65		
1.4	16QAM	3	0	20.71	20.80	20.69		
1.4	16QAM	3	1	20.68	20.79	20.77		
1.4	16QAM	3	3	20.64	20.66	20.73		
1.4	16QAM	6	0	20.70	20.77	20.74	21.5	0.5
1.4	64QAM	1	0	20.60	20.76	20.64	21.5	0.5
1.4	64QAM	1	3	20.60	20.77	20.58		
1.4	64QAM	1	5	20.63	20.80	20.73		
1.4	64QAM	3	0	20.67	20.77	20.65		
1.4	64QAM	3	1	20.64	20.67	20.64		
1.4	64QAM	3	3	20.50	20.64	20.51		
1.4	64QAM	6	0	19.76	19.84	19.68	20.5	1.5
1.4	256QAM	1	0	17.76	17.92	17.76	18.5	3.5
1.4	256QAM	1	3	17.76	17.95	17.77		
1.4	256QAM	1	5	17.69	17.74	17.80		
1.4	256QAM	3	0	17.76	17.90	17.83		
1.4	256QAM	3	1	17.67	17.78	17.71		
1.4	256QAM	3	3	17.65	17.74	17.62		
1.4	256QAM	6	0	17.75	17.75	17.64	18.5	3.5

Band 4 Default Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	20.93	21.08	20.89	22	0
20	QPSK	1	49	20.80	20.94	20.80		
20	QPSK	1	99	20.77	20.80	20.78		
20	QPSK	50	0	20.75	20.91	20.83		
20	QPSK	50	24	20.72	20.81	20.79	22	0
20	QPSK	50	50	20.74	20.78	20.77		
20	QPSK	100	0	20.78	20.85	20.83		
20	16QAM	1	0	20.87	20.92	20.80		
20	16QAM	1	49	20.78	20.85	20.75	22	0
20	16QAM	1	99	20.67	20.83	20.68		
20	16QAM	50	0	20.74	20.80	20.66		
20	16QAM	50	24	20.68	20.74	20.66	21.5	0.5
20	16QAM	50	50	20.62	20.70	20.62		
20	16QAM	100	0	20.63	20.78	20.69		
20	64QAM	1	0	20.78	20.85	20.75		
20	64QAM	1	49	20.74	20.80	20.74	21.5	0.5
20	64QAM	1	99	20.59	20.70	20.72		
20	64QAM	50	0	19.74	19.90	19.79		
20	64QAM	50	24	19.70	19.83	19.71	20.5	1.5
20	64QAM	50	50	19.64	19.78	19.66		
20	64QAM	100	0	19.68	19.74	19.75		
20	256QAM	1	0	17.99	18.06	18.01	18.5	3.5
20	256QAM	1	49	17.92	18.06	17.88		
20	256QAM	1	99	17.89	17.94	17.86		
20	256QAM	50	0	17.65	17.82	17.71		
20	256QAM	50	24	17.66	17.77	17.71	18.5	3.5
20	256QAM	50	50	17.57	17.72	17.68		
20	256QAM	100	0	17.65	17.77	17.70		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	20.86	21.02	20.78	22	0
15	QPSK	1	37	20.70	20.88	20.75		
15	QPSK	1	74	20.66	20.86	20.73		
15	QPSK	36	0	20.63	20.85	20.74		
15	QPSK	36	20	20.62	20.76	20.67	22	0
15	QPSK	36	39	20.60	20.67	20.69		
15	QPSK	75	0	20.69	20.75	20.76		
15	16QAM	1	0	20.80	20.78	20.76	22	0
15	16QAM	1	37	20.67	20.78	20.62		
15	16QAM	1	74	20.62	20.73	20.58		
15	16QAM	36	0	20.67	20.75	20.56		
15	16QAM	36	20	20.58	20.69	20.63	21.5	0.5
15	16QAM	36	39	20.50	20.64	20.50		
15	16QAM	75	0	20.66	20.68	20.68		
15	64QAM	1	0	20.68	20.76	20.63	21.5	0.5
15	64QAM	1	37	20.66	20.69	20.68		
15	64QAM	1	74	20.48	20.62	20.64		
15	64QAM	36	0	19.94	20.05	19.74	20.5	1.5
15	64QAM	36	20	19.83	19.70	19.56		
15	64QAM	36	39	19.55	19.66	19.51		
15	64QAM	75	0	19.65	19.67	19.63		
15	256QAM	1	0	17.86	17.92	17.89	18.5	3.5
15	256QAM	1	37	17.78	18.01	17.84		
15	256QAM	1	74	17.78	17.81	17.73		
15	256QAM	36	0	17.57	17.74	17.59	18.5	3.5
15	256QAM	36	20	17.62	17.65	17.65		
15	256QAM	36	39	17.42	17.60	17.54		
15	256QAM	75	0	17.56	17.64	17.58		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	20.85	20.99	20.75	22	0
10	QPSK	1	25	20.75	20.84	20.74		
10	QPSK	1	49	20.66	20.77	20.68		
10	QPSK	25	0	20.66	20.83	20.73		
10	QPSK	25	12	20.64	20.69	20.72	22	0
10	QPSK	25	25	20.64	20.71	20.67		
10	QPSK	50	0	20.69	20.81	20.76		
10	16QAM	1	0	20.77	20.85	20.68		
10	16QAM	1	25	20.71	20.71	20.71	22	0
10	16QAM	1	49	20.59	20.73	20.56		
10	16QAM	25	0	20.62	20.67	20.57		
10	16QAM	25	12	20.59	20.60	20.52	21.5	0.5
10	16QAM	25	25	20.58	20.64	20.48		
10	16QAM	50	0	20.49	20.69	20.59		
10	64QAM	1	0	20.66	20.71	20.67	21.5	0.5
10	64QAM	1	25	20.70	20.71	20.63		
10	64QAM	1	49	20.55	20.62	20.61		
10	64QAM	25	0	19.63	19.76	19.72	20.5	1.5
10	64QAM	25	12	19.58	19.69	19.64		
10	64QAM	25	25	19.58	19.69	19.60		
10	64QAM	50	0	19.56	19.67	19.62		
10	256QAM	1	0	17.90	17.97	17.89	18.5	3.5
10	256QAM	1	25	17.83	17.95	17.82		
10	256QAM	1	49	17.83	17.82	17.75		
10	256QAM	25	0	17.54	17.70	17.60	18.5	3.5
10	256QAM	25	12	17.63	17.63	17.61		
10	256QAM	25	25	17.51	17.67	17.64		
10	256QAM	50	0	17.52	17.68	17.55		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	20.80	20.94	20.78	22	0
5	QPSK	1	12	20.73	20.90	20.68		
5	QPSK	1	24	20.68	20.87	20.70		
5	QPSK	12	0	20.70	20.84	20.69	22	0
5	QPSK	12	7	20.65	20.76	20.67		
5	QPSK	12	13	20.67	20.71	20.72		
5	QPSK	25	0	20.66	20.73	20.79		
5	16QAM	1	0	20.71	20.87	20.76	22	0
5	16QAM	1	12	20.74	20.73	20.86		
5	16QAM	1	24	20.57	20.75	20.63		
5	16QAM	12	0	20.67	20.66	20.60	21.5	0.5
5	16QAM	12	7	20.59	20.68	20.55		
5	16QAM	12	13	20.60	20.66	20.67		
5	16QAM	25	0	20.55	20.63	20.55		
5	64QAM	1	0	20.75	20.75	20.60	21.5	0.5
5	64QAM	1	12	20.65	20.73	20.64		
5	64QAM	1	24	20.51	20.68	20.60		
5	64QAM	12	0	19.67	19.79	19.66	20.5	1.5
5	64QAM	12	7	19.55	19.71	19.57		
5	64QAM	12	13	19.56	19.70	19.56		
5	64QAM	25	0	19.63	19.60	19.68		
5	256QAM	1	0	17.94	18.00	17.89	18.5	3.5
5	256QAM	1	12	17.86	17.98	17.85		
5	256QAM	1	24	17.78	17.91	17.74		
5	256QAM	12	0	17.61	17.78	17.63	18.5	3.5
5	256QAM	12	7	17.55	17.70	17.65		
5	256QAM	12	13	17.47	17.64	17.64		
5	256QAM	25	0	17.57	17.69	17.65		
Channel				19950	20175	20400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	20.79	21.04	20.79	22	0
3	QPSK	1	8	20.69	20.80	20.71		
3	QPSK	1	14	20.72	20.81	20.71		
3	QPSK	8	0	20.64	20.88	20.77	22	0
3	QPSK	8	4	20.68	20.76	20.64		
3	QPSK	8	7	20.61	20.64	20.71		
3	QPSK	15	0	20.73	20.73	20.69		
3	16QAM	1	0	20.73	20.81	20.70	22	0
3	16QAM	1	8	20.64	20.72	20.66		
3	16QAM	1	14	20.53	20.73	20.54		
3	16QAM	8	0	20.61	20.71	20.62	21.5	0.5
3	16QAM	8	4	20.59	20.69	20.58		
3	16QAM	8	7	20.47	20.63	20.48		
3	16QAM	15	0	20.52	20.72	20.61		
3	64QAM	1	0	20.75	20.70	20.64	21.5	0.5
3	64QAM	1	8	20.64	20.76	20.62		
3	64QAM	1	14	20.55	20.57	20.62		
3	64QAM	8	0	19.59	19.79	19.67	20.5	1.5
3	64QAM	8	4	19.58	19.68	19.59		
3	64QAM	8	7	19.59	19.71	19.57		
3	64QAM	15	0	19.55	19.61	19.71		
3	256QAM	1	0	17.88	18.00	17.86	18.5	3.5
3	256QAM	1	8	17.89	18.02	17.78		
3	256QAM	1	14	17.75	17.87	17.83		
3	256QAM	8	0	17.51	17.71	17.56	18.5	3.5
3	256QAM	8	4	17.55	17.62	17.62		
3	256QAM	8	7	17.48	17.60	17.57		
3	256QAM	15	0	17.55	17.71	17.62		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	20.80	20.99	20.81	22	0
1.4	QPSK	1	3	20.69	20.86	20.69		
1.4	QPSK	1	5	20.68	20.79	20.74		
1.4	QPSK	3	0	20.67	20.78	20.78		
1.4	QPSK	3	1	20.66	20.70	20.69		
1.4	QPSK	3	3	20.70	20.69	20.74		
1.4	QPSK	6	0	20.71	20.77	20.76	22	0
1.4	16QAM	1	0	20.78	20.79	20.72	22	0
1.4	16QAM	1	3	20.74	20.81	20.64		
1.4	16QAM	1	5	20.61	20.87	20.74		
1.4	16QAM	3	0	20.61	20.78	20.73		
1.4	16QAM	3	1	20.69	20.67	20.74		
1.4	16QAM	3	3	20.72	20.73	20.74		
1.4	16QAM	6	0	20.62	20.74	20.57	21.5	0.5
1.4	64QAM	1	0	20.55	20.60	20.58	21.5	0.5
1.4	64QAM	1	3	20.47	20.63	20.57		
1.4	64QAM	1	5	20.59	20.73	20.61		
1.4	64QAM	3	0	20.71	20.74	20.70		
1.4	64QAM	3	1	20.68	20.65	20.66		
1.4	64QAM	3	3	20.46	20.62	20.61		
1.4	64QAM	6	0	19.69	19.86	19.74	20.5	1.5
1.4	256QAM	1	0	17.87	17.95	17.96	18.5	3.5
1.4	256QAM	1	3	17.86	17.94	17.75		
1.4	256QAM	1	5	17.76	17.90	17.71		
1.4	256QAM	3	0	17.53	17.72	17.58		
1.4	256QAM	3	1	17.53	17.68	17.65		
1.4	256QAM	3	3	17.45	17.67	17.62		
1.4	256QAM	6	0	17.57	17.74	17.60	18.5	3.5

Band 5 Default Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	21.22	21.31	21.26	22	0
10	QPSK	1	25	21.16	21.28	21.20		
10	QPSK	1	49	21.08	21.16	21.12		
10	QPSK	25	0	21.13	21.25	21.19		
10	QPSK	25	12	21.12	21.16	21.11	22	0
10	QPSK	25	25	20.99	21.09	21.03		
10	QPSK	50	0	21.03	21.18	21.11		
10	16QAM	1	0	21.05	21.16	21.06		
10	16QAM	1	25	21.04	21.03

Band 12 Default Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	21.61	21.73	21.68	23	0
10	QPSK	1	25	21.43	21.61	21.52		
10	QPSK	1	49	21.47	21.49	21.52		
10	QPSK	25	0	21.60	21.70	21.55	23	0
10	QPSK	25	12	21.55	21.63	21.53		
10	QPSK	25	25	21.46	21.48	21.46		
10	QPSK	50	0	21.51	21.57	21.45		
10	16QAM	1	0	21.55	21.63	21.51	23	0
10	16QAM	1	25	21.40	21.48	21.36		
10	16QAM	1	49	21.35	21.48	21.44		
10	16QAM	25	0	21.39	21.59	21.49	22.5	0.5
10	16QAM	25	12	21.34	21.46	21.40		
10	16QAM	25	25	21.38	21.39	21.41		
10	16QAM	50	0	21.33	21.54	21.40		
10	64QAM	1	0	21.34	21.50	21.36	22.5	0.5
10	64QAM	1	25	21.26	21.32	21.33		
10	64QAM	1	49	21.24	21.36	21.28		
10	64QAM	25	0	20.40	20.53	20.43	21.5	1.5
10	64QAM	25	12	20.37	20.43	20.31		
10	64QAM	25	25	20.28	20.34	20.33		
10	64QAM	50	0	20.25	20.37	20.31		
10	256QAM	1	0	18.44	18.62	18.48	19.5	3.5
10	256QAM	1	25	18.42	18.62	18.49		
10	256QAM	1	49	18.41	18.37	18.33		
10	256QAM	25	0	18.35	18.53	18.42	19.5	3.5
10	256QAM	25	12	18.26	18.37	18.36		
10	256QAM	25	25	18.24	18.32	18.32		
10	256QAM	50	0	18.33	18.45	18.30		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	21.56	21.63	21.54	23	0
5	QPSK	1	12	21.37	21.56	21.43		
5	QPSK	1	24	21.33	21.44	21.40		
5	QPSK	12	0	21.51	21.58	21.44	23	0
5	QPSK	12	7	21.49	21.58	21.39		
5	QPSK	12	13	21.34	21.39	21.41		
5	QPSK	25	0	21.40	21.46	21.33		
5	16QAM	1	0	21.48	21.51	21.40	23	0
5	16QAM	1	12	21.30	21.37	21.23		
5	16QAM	1	24	21.22	21.37	21.31		
5	16QAM	12	0	21.31	21.46	21.41	22.5	0.5
5	16QAM	12	7	21.23	21.39	21.27		
5	16QAM	12	13	21.27	21.32	21.38		
5	16QAM	25	0	21.26	21.43	21.34		
5	64QAM	1	0	21.20	21.36	21.22	22.5	0.5
5	64QAM	1	12	21.12	21.17	21.27		
5	64QAM	1	24	21.13	21.26	21.20		
5	64QAM	12	0	20.31	20.41	20.30	21.5	1.5
5	64QAM	12	7	20.33	20.34	20.19		
5	64QAM	12	13	20.17	20.20	20.18		
5	64QAM	25	0	20.15	20.22	20.24		
5	256QAM	1	0	18.36	18.53	18.35	19.5	3.5
5	256QAM	1	12	18.31	18.50	18.45		
5	256QAM	1	24	18.28	18.31	18.25		
5	256QAM	12	0	18.30	18.45	18.31	19.5	3.5
5	256QAM	12	7	18.17	18.24	18.23		
5	256QAM	12	13	18.20	18.23	18.20		
5	256QAM	25	0	18.30	18.42	18.17		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	21.46	21.66	21.63	23	0
3	QPSK	1	8	21.32	21.54	21.37		
3	QPSK	1	14	21.42	21.43	21.38		
3	QPSK	8	0	21.55	21.59	21.43	23	0
3	QPSK	8	4	21.48	21.52	21.39		
3	QPSK	8	7	21.32	21.40	21.38		
3	QPSK	15	0	21.37	21.53	21.37		
3	16QAM	1	0	21.47	21.57	21.37	23	0
3	16QAM	1	8	21.30	21.41	21.33		
3	16QAM	1	14	21.22	21.42	21.30		
3	16QAM	8	0	21.26	21.49	21.41	22.5	0.5
3	16QAM	8	4	21.21	21.38	21.30		
3	16QAM	8	7	21.28	21.32	21.27		
3	16QAM	15	0	21.22	21.47	21.36		
3	64QAM	1	0	21.20	21.40	21.29	22.5	0.5
3	64QAM	1	8	21.12	21.29	21.19		
3	64QAM	1	14	21.12	21.23	21.18		
3	64QAM	8	0	20.37	20.43	20.39	21.5	1.5
3	64QAM	8	4	20.23	20.28	20.25		
3	64QAM	8	7	20.16	20.19	20.27		
3	64QAM	15	0	20.19	20.25	20.22		
3	256QAM	1	0	18.30	18.47	18.36	19.5	3.5
3	256QAM	1	8	18.27	18.49	18.43		
3	256QAM	1	14	18.28	18.33	18.28		
3	256QAM	8	0	18.28	18.40	18.31	19.5	3.5
3	256QAM	8	4	18.18	18.26	18.30		
3	256QAM	8	7	18.20	18.19	18.29		
3	256QAM	15	0	18.23	18.36	18.17		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	21.46	21.69	21.55	23	0
1.4	QPSK	1	3	21.35	21.50	21.49		
1.4	QPSK	1	5	21.40	21.44	21.45		
1.4	QPSK	3	0	21.57	21.57	21.40		
1.4	QPSK	3	1	21.48	21.59	21.39		
1.4	QPSK	3	3	21.35	21.33	21.35		
1.4	QPSK	6	0	21.39	21.50	21.30	23	0
1.4	16QAM	1	0	21.50	21.56	21.39	23	0
1.4	16QAM	1	3	21.34	21.40	21.33		
1.4	16QAM	1	5	21.26	21.42	21.40		
1.4	16QAM	3	0	21.28	21.46	21.39		
1.4	16QAM	3	1	21.26	21.44	21.28		
1.4	16QAM	3	3	21.23	21.37	21.35		
1.4	16QAM	6	0	21.21	21.48	21.34	22.5	0.5
1.4	64QAM	1	0	21.28	21.41	21.27	22.5	0.5
1.4	64QAM	1	3	21.13	21.21	21.19		
1.4	64QAM	1	5	21.19	21.28	21.18		
1.4	64QAM	3	0	21.23	21.36	21.32		
1.4	64QAM	3	1	21.23	21.23	21.20		
1.4	64QAM	3	3	21.10	21.22	21.17		
1.4	64QAM	6	0	20.35	20.41	20.29	21.5	1.5
1.4	256QAM	1	0	18.37	18.49	18.44	19.5	3.5
1.4	256QAM	1	3	18.33	18.55	18.44		
1.4	256QAM	1	5	18.29	18.28	18.24		
1.4	256QAM	3	0	18.27	18.39	18.30		
1.4	256QAM	3	1	18.14	18.30	18.24		
1.4	256QAM	3	3	18.15	18.24	18.22		
1.4	256QAM	6	0	18.27	18.30	18.19	19.5	3.5

Band 13 Default Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		21.67		23	0
10	QPSK	1	25		21.48			
10	QPSK	1	49		21.50			
10	QPSK	25	0		21.63		23	0
10	QPSK	25	12		21.50			
10	QPSK	25	25		21.39			
10	QPSK	50	0		21.56			
10	16QAM	1	0		21.50		23	0
10	16QAM	1	25		21.45			
10	16QAM	1	49		21.45			
10	16QAM	25	0		21.47		22.5	0.5
10	16QAM	25	12		21.42			
10	16QAM	25	25		21.40			
10	16QAM	50	0		21.36			
10	64QAM	1	0		21.19		22.5	0.5
10	64QAM	1	25		21.04			
10	64QAM	1	49		21.02			
10	64QAM	25	0		20.21		21.5	1.5
10	64QAM	25	12		20.12			
10	64QAM	25	25		20.14			
10	64QAM	50	0		19.82			
10	256QAM	1	0		18.18		19.5	3.5
10	256QAM	1	25		18.12			
10	256QAM	1	49		17.99			
10	256QAM	25	0		18.14		19.5	3.5
10	256QAM	25	12		17.97			
10	256QAM	25	25		18.01			
10	256QAM	50	0		18.12			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	21.53	21.62	21.58	23	0
5	QPSK	1	12	21.42	21.44	21.34		
5	QPSK	1	24	21.42	21.38	21.46		
5	QPSK	12	0	21.54	21.57	21.49	23	0
5	QPSK	12	7	21.46	21.45	21.36		
5	QPSK	12	13	21.32	21.32	21.35		
5	QPSK	25	0	21.45	21.46	21.45		
5	16QAM	1	0	21.47	21.37	21.38	23	0
5	16QAM	1	12	21.32	21.31	21.30		
5	16QAM	1	24	21.36	21.37	21.42		
5	16QAM	12	0	21.33	21.33	21.42	22.5	0.5
5	16QAM	12	7	21.35	21.36	21.38		
5	16QAM	12	13	21.28	21.27	21.28		
5	16QAM	25	0	21.26	21.32	21.32		
5	64QAM	1	0	21.08	21.14	21.14	22.5	0.5
5	64QAM	1	12	20.96	20.94	20.97		
5	64QAM	1	24	20.94	20.91	20.95		
5	64QAM	12	0	20.14	20.13	20.18	21.5	1.5
5	64QAM	12	7	20.06	20.06	20.05		
5	64QAM	12	13	20.04	20.01	20.07		
5	64QAM	25	0	19.77	19.71	19.77		
5	256QAM	1	0	18.11	18.15	18.08	19.5	3.5
5	256QAM	1	12	18.07	18.07	18.01		
5	256QAM	1	24	17.94	17.94	17.85		
5	256QAM	12	0	18.08	18.10	18.10	19.5	3.5
5	256QAM	12	7	17.83	17.93	17.85		
5	256QAM	12	13	17.97	17.92	17.96		
5	256QAM	25	0	18.04	18.07	17.97		

Band 14 Default Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23330			
Frequency (MHz)					793			
10	QPSK	1	0		21.72		23	0
10	QPSK	1	25		21.53			
10	QPSK	1	49		21.54			
10	QPSK	25	0		21.68		23	0
10	QPSK	25	12		21.52			
10	QPSK	25	25		21.49			
10	QPSK	50	0		21.60			
10	16QAM	1	0		21.57		23	0
10	16QAM	1	25		21.39			
10	16QAM	1	49		21.37			
10	16QAM	25	0		21.52		22.5	0.5
10	16QAM	25	12		21.43			
10	16QAM	25	25		21.37			
10	16QAM	50	0		21.46			
10	64QAM	1	0		21.13		22.5	0.5
10	64QAM	1	25		21.05			
10	64QAM	1	49		20.93			
10	64QAM	25	0		20.16		21.5	1.5
10	64QAM	25	12		19.96			
10	64QAM	25	25		19.99			
10	64QAM	50	0		20.08			
10	256QAM	1	0		18.43		19.5	3.5
10	256QAM	1	25		18.43			
10	256QAM	1	49		18.29			
10	256QAM	25	0		18.42		19.5	3.5
10	256QAM	25	12		18.23			
10	256QAM	25	25		18.24			
10	256QAM	50	0		18.45			
Channel				23305	23330	23355	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	0	21.56	21.60	21.43	23	0
5	QPSK	1	12	21.52	21.57	21.25		
5	QPSK	1	24	21.48	21.48	21.25		
5	QPSK	12	0	21.45	21.59	21.37	23	0
5	QPSK	12	7	21.32	21.42	21.35		
5	QPSK	12	13	21.35	21.40	21.35		
5	QPSK	25	0	21.38	21.57	21.38		
5	16QAM	1	0	21.29	21.46	21.40	23	0
5	16QAM	1	12	21.32	21.35	21.31		
5	16QAM	1	24	21.26	21.23	21.25		
5	16QAM	12	0	21.36	21.46	21.29	22.5	0.5
5	16QAM	12	7	21.24	21.34	21.27		
5	16QAM	12	13	21.16	21.23	21.14		
5	16QAM	25	0	21.19	21.38	21.30		
5	64QAM	1	0	20.92	21.01	20.91	22.5	0.5
5	64QAM	1	12	20.80	20.81	20.91		
5	64QAM	1	24	20.75	20.92	20.85		
5	64QAM	12	0	19.90	20.10	19.88	21.5	1.5
5	64QAM	12	7	19.81	19.89	19.82		
5	64QAM	12	13	19.87	19.97	19.88		
5	64QAM	25	0	19.98	20.01	19.98		
5	256QAM	1	0	18.12	18.39	18.17	19.5	3.5
5	256QAM	1	12	18.14	18.40	18.06		
5	256QAM	1	24	18.11	18.13	18.16		
5	256QAM	12	0	18.11	18.33	18.11	19.5	3.5
5	256QAM	12	7	18.11	18.15	18.03		
5	256QAM	12	13	18.05	18.20	18.09		
5	256QAM	25	0	18.24	18.35	18.15		

Band 17 Default Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	21.61	21.66	21.56	23	0
10	QPSK	1	25	21.42	21.49	21.38		
10	QPSK	1	49	21.46	21.48	21.42		
10	QPSK	25	0	21.32	21.58	21.41	23	0
10	QPSK	25	12	21.33	21.35	21.27		
10	QPSK	25	25	21.32	21.31	21.29		
10	QPSK	50	0	21.48	21.52	21.47		
10	16QAM	1	0	21.31	21.51	21.40	23	0
10	16QAM	1	25	21.25	21.35	21.34		
10	16QAM	1	49	21.24	21.37	21.33		
10	16QAM	25	0	21.24	21.41	21.32	22.5	0.5
10	16QAM	25	12	21.17	21.23	21.10		
10	16QAM	25	25	21.20	21.27	21.18		
10	16QAM	50	0	21.22	21.36	21.30		
10	64QAM	1	0	21.12	21.34	21.27	22.5	0.5
10	64QAM	1	25	21.08	21.22	21.10		
10	64QAM	1	49	21.03	21.20	21.09		
10	64QAM	25	0	20.28	20.39	20.23	21.5	1.5
10	64QAM	25	12	20.15	20.25	20.16		
10	64QAM	25	25	20.19	20.23	20.14		
10	64QAM	50	0	20.28	20.27	20.21		
10	256QAM	1	0	18.28	18.41	18.31	19.5	3.5
10	256QAM	1	25	18.19	18.41	18.27		
10	256QAM	1	49	18.13	18.19	18.21		
10	256QAM	25	0	18.08	18.26	18.10	19.5	3.5
10	256QAM	25	12	18.10	18.08	18.09		
10	256QAM	25	25	18.05	18.08	17.97		
10	256QAM	50	0	18.21	18.34	18.26		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	21.47	21.58	21.41	23	0
5	QPSK	1	12	21.38	21.37	21.31		
5	QPSK	1	24	21.42	21.43	21.33		
5	QPSK	12	0	21.23	21.47	21.27	23	0
5	QPSK	12	7	21.24	21.23	21.14		
5	QPSK	12	13	21.22	21.23	21.26		
5	QPSK	25	0	21.41	21.46	21.39		
5	16QAM	1	0	21.18	21.39	21.27	23	0
5	16QAM	1	12	21.13	21.28	21.26		
5	16QAM	1	24	21.21	21.22	21.22		
5	16QAM	12	0	21.21	21.30	21.23	22.5	0.5
5	16QAM	12	7	21.10	21.13	21.03		
5	16QAM	12	13	21.11	21.23	21.13		
5	16QAM	25	0	21.16	21.25	21.21		
5	64QAM	1	0	21.05	21.29	21.21	22.5	0.5
5	64QAM	1	12	21.02	21.18	20.95		
5	64QAM	1	24	20.96	21.16	21.03		
5	64QAM	12	0	20.19	20.35	20.19	21.5	1.5
5	64QAM	12	7	20.05	20.19	20.04		
5	64QAM	12	13	20.06	20.12	20.05		
5	64QAM	25	0	20.19	20.22	20.11		
5	256QAM	1	0	18.22	18.31	18.24	19.5	3.5
5	256QAM	1	12	18.06	18.34	18.14		
5	256QAM	1	24	18.00	18.10	18.07		
5	256QAM	12	0	18.02	18.12	18.07	19.5	3.5
5	256QAM	12	7	18.03	18.02	18.00		
5	256QAM	12	13	17.99	18.01	17.82		
5	256QAM	25	0	18.11	18.24	18.12		

Band 25 Default Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	21.00	21.11	21.06		
20	QPSK	1	49	20.84	20.97	20.93	22	0
20	QPSK	1	99	20.83	20.92	20.87		
20	QPSK	50	0	20.92	21.06	20.96		
20	QPSK	50	24	20.84	20.89	20.85	22	0
20	QPSK	50	50	20.76	20.87	20.80		
20	QPSK	100	0	20.89	21.02	20.94		
20	16QAM	1	0	20.87	21.06	20.93		
20	16QAM	1	49	20.83	20.89	20.89	22	0
20	16QAM	1	99	20.78	20.85	20.80		
20	16QAM	50	0	20.84	21.00	20.84		
20	16QAM	50	24	20.77	20.90	20.81	22	0
20	16QAM	50	50	20.74	20.79	20.75		
20	16QAM	100	0	20.82	20.94	20.76		
20	64QAM	1	0	20.88	21.09	20.97		
20	64QAM	1	49	20.92	20.97	20.89	22	0
20	64QAM	1	99	20.88	20.89	20.80		
20	64QAM	50	0	20.89	21.01	20.89		
20	64QAM	50	24	20.81	20.89	20.84	22	0
20	64QAM	50	50	20.70	20.78	20.74		
20	64QAM	100	0	20.86	20.95	20.92		
20	256QAM	1	0	17.90	18.07	17.89		
20	256QAM	1	49	17.92	18.07	17.88	19	3
20	256QAM	1	99	17.77	17.84	17.77		
20	256QAM	50	0	17.86	17.99	17.88		
20	256QAM	50	24	17.80	17.85	17.84	19	3
20	256QAM	50	50	17.71	17.82	17.78		
20	256QAM	100	0	17.92	18.08	17.89		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	20.89	21.07	20.96		
15	QPSK	1	37	20.75	20.91	20.79	22	0
15	QPSK	1	74	20.75	20.84	20.75		
15	QPSK	36	0	20.83	20.94	20.91		
15	QPSK	36	20	20.80	20.77	20.77	22	0
15	QPSK	36	39	20.62	20.75	20.74		
15	QPSK	75	0	20.82	20.98	20.88		
15	16QAM	1	0	20.80	20.98	20.88		
15	16QAM	1	37	20.77	20.83	20.79	22	0
15	16QAM	1	74	20.66	20.77	20.66		
15	16QAM	36	0	20.71	20.96	20.71		
15	16QAM	36	20	20.71	20.86	20.74	22	0
15	16QAM	36	39	20.69	20.74	20.64		
15	16QAM	75	0	20.78	20.81	20.61		
15	64QAM	1	0	20.83	21.06	20.86		
15	64QAM	1	37	20.89	20.85	20.77	22	0
15	64QAM	1	74	20.74	20.85	20.70		
15	64QAM	36	0	20.76	20.96	20.75		
15	64QAM	36	20	20.76	20.80	20.70	22	0
15	64QAM	36	39	20.62	20.63	20.60		
15	64QAM	75	0	20.77	20.81	20.88		
15	256QAM	1	0	17.80	18.02	17.78		
15	256QAM	1	37	17.88	18.03	17.78	19	3
15	256QAM	1	74	17.63	17.71	17.73		
15	256QAM	36	0	17.80	17.91	17.85		
15	256QAM	36	20	17.69	17.78	17.77	19	3
15	256QAM	36	39	17.66	17.78	17.67		
15	256QAM	75	0	17.79	17.97	17.80		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	20.86	21.02	21.02		
10	QPSK	1	25	20.78	20.93	20.89	22	0
10	QPSK	1	49	20.78	20.80	20.73		
10	QPSK	25	0	20.81	21.02	20.85		
10	QPSK	25	12	20.77	20.77	20.76	22	0
10	QPSK	25	25	20.63	20.78	20.73		
10	QPSK	50	0	20.79	20.89	20.80		
10	16QAM	1	0	20.80	20.97	20.82		
10	16QAM	1	25	20.74	20.76	20.79	22	0
10	16QAM	1	49	20.75	20.71	20.75		
10	16QAM	25	0	20.77	20.91	20.75		
10	16QAM	25	12	20.68	20.85	20.74	22	0
10	16QAM	25	25	20.67	20.64	20.62		
10	16QAM	50	0	20.76	20.81	20.65		
10	64QAM	1	0	20.80	21.00	20.93		
10	64QAM	1	25	20.77	20.85	20.77	22	0
10	64QAM	1	49	20.84	20.80	20.68		
10	64QAM	25	0	20.79	20.88	20.74		
10	64QAM	25	12	20.68	20.86	20.77	22	0
10	64QAM	25	25	20.65	20.66	20.62		
10	64QAM	50	0	20.71	20.91	20.81		
10	256QAM	1	0	17.87	18.03	17.77		
10	256QAM	1	25	17.88	17.99	17.74	19	3
10	256QAM	1	49	17.71	17.75	17.62		
10	256QAM	25	0	17.80	17.85	17.82		
10	256QAM	25	12	17.74	17.71	17.77	19	3
10	256QAM	25	25	17.64	17.74	17.74		
10	256QAM	50	0	17.82	17.96	17.79		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	20.94	21.00	21.01		
5	QPSK	1	12	20.80	20.84	20.89	22	0
5	QPSK	1	24	20.69	20.81	20.80		
5	QPSK	12	0	20.78	20.96	20.82		
5	QPSK	12	7	20.73	20.83	20.74	22	0
5	QPSK	12	13	20.64	20.80	20.74		
5	QPSK	25	0	20.81	20.92	20.90		
5	16QAM	1	0	20.73	20.92	20.82		
5	16QAM	1	12	20.73	20.81	20.75	22	0
5	16QAM	1	24	20.68	20.71	20.76		
5	16QAM	12	0	20.77	20.90	20.69		
5	16QAM	12	7	20.72	20.78	20.72	22	0
5	16QAM	12	13	20.64	20.74	20.67		
5	16QAM	25	0	20.69	20.84	20.63		
5	64QAM	1	0	20.85	21.04	20.91		
5	64QAM	1	12	20.85	20.88	20.81	22	0
5	64QAM	1	24	20.77	20.79	20.69		
5	64QAM	12	0	20.75	20.92	20.84		
5	64QAM	12	7	20.77	20.74	20.70	22	0
5	64QAM	12	13	20.59	20.68	20.63		
5	64QAM	25	0	20.74	20.84	20.86		
5	256QAM	1	0	17.77	18.03	17.77		
5	256QAM	1	12	17.81	18.02	17.74	19	3
5	256QAM	1	24	17.73	17.70	17.69		
5	256QAM	12	0	17.76	17.87	17.75		
5	256QAM	12	7	17.70	17.71	17.74	19	3
5	256QAM	12	13	17.62	17.70	17.74		
5	256QAM	25	0	17.83	18.04	17.83		
Channel				26015	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	20.96	20.99	20.98		
3	QPSK	1	8	20.75	20.93	20.87	22	0
3	QPSK	1	14	20.71	20.87	20.79		
3	QPSK	8	0	20.81	21.02	20.91		
3	QPSK	8	4	20.73	20.83	20.70	22	0
3	QPSK	8	7	20.69	20.79	20.71		
3	QPSK	15	0	20.81	20.94	20.83		
3	16QAM	1	0	20.81	20.99	20.86		
3	16QAM	1	8	20.78	20.84	20.85	22	0
3	16QAM	1	14	20.65	20.79	20.72		
3	16QAM	8	0	20.76	20.86	20.79		
3	16QAM	8	4	20.67	20.84	20.72	22	0
3	16QAM	8	7	20.60	20.69	20.61		
3	16QAM	15	0	20.74	20.88	20.63		
3	64QAM	1	0	20.84	21.00	20.87		
3	64QAM	1	8	20.86	20.93	20.76	22	0
3	64QAM	1	14	20.81	20.75	20.69		
3	64QAM	8	0	20.75	20.88	20.79		
3	64QAM	8	4	20.71	20.78	20.73	22	0
3	64QAM	8	7	20.64	20.63	20.67		
3	64QAM	15	0	20.81	20.88	20.77		
3	256QAM	1	0	17.85	17.96	17.85		
3	256QAM	1	8	17.81	17.96	17.83	19	3
3	256QAM	1	14	17.71	17.69	17.63		
3	256QAM	8	0	17.78	17.93	17.83		
3	256QAM	8	4	17.74	17.73	17.76	19	3
3	256QAM	8	7	17.65	17.73	17.65		
3	256QAM	15	0	17.82	17.93	17.83		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	20.91	21.00	21.02		
1.4	QPSK	1	3	20.80	20.85	20.80		
1.4	QPSK	1	5	20.69	20.88	20.73		
1.4	QPSK	3	0	20.86	20.93	20.88		
1.4	QPSK	3	1	20.70	20.76	20.71		
1.4	QPSK	3	3	20.69	20.78	20.72		
1.4	QPSK	6	0	20.78	20.92	20.90	22	0
1.4	16QAM	1	0	20.78	21.01	20.87		
1.4	16QAM	1	3	20.71	20.81	20.84		
1.4	16QAM	1	5	20.75	20.71	20.69	22	0
1.4	16QAM	3	0	20.80	20.92	20.72		
1.4	16QAM	3	1	20.65	20.84	20.71		
1.4	16QAM	3	3	20.60	20.65	20.70		
1.4	16QAM	6	0	20.73	20.87	20.65	22	0
1.4	64QAM	1	0	20.74	20.94	20.84		
1.4	64QAM	1	3	20.82	20.91	20.75		
1.4	64QAM	1	5	20.73	20.82	20.74	22	0
1.4	64QAM	3	0	20.77	20.91	20.75		
1.4	64QAM	3	1	20.70	20.81	20.72		
1.4	64QAM	3	3	20.55	20.72	20.63		
1.4	64QAM	6	0	20.78	20.84	20.84	22	0
1.4	256QAM	1	0	17.82	18.01	17.74		
1.4	256QAM	1	3	17.83	17.95	17.75		
1.4	256QAM	1	5	17.64	17.72	17.68	19	3
1.4	256QAM	3	0	17.77	17.85	17.81		
1.4	256QAM	3	1	17.70	17.70	17.74		
1.4	256QAM	3	3	17.65	17.70	17.66		
1.4	256QAM	6	0	17.84	18.03	17.82	19	3

Band 26 Default Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	21.32	21.38	21.29		
15	QPSK	1	37	21.17	21.27	21.14	22	0
15	QPSK	1	74	21.14	21.20	21.10		
15	QPSK	36	0	21.18	21.33	21.14		
15	QPSK	36	20	21.17	21.18	21.12	22	0
15	QPSK	36	39	21.02	21.18	21.06		
15	QPSK	75	0	21.17	21.29	21.11		
15	16QAM	1	0	21.11	21.23	21.11		
15	16QAM	1	37	21.02	21.11	21.04	22	0
15	16QAM	1	74	20.97	21.08	21.05		
15	16QAM	36	0	21.05	21.17	21.05		
15	16QAM	36	20	20.97	21.06	20.97	22	0
15	16QAM	36	39	20.95	20.94	20.89		
15	16QAM	75	0	21.04	21.15	20.99		
15	64QAM	1	0	21.09	21.29	21.14		
15	64QAM	1	37	21.07	21.12	21.05	22	0
15	64QAM	1	74	21.09	21.05	21.10		
15	64QAM	36	0	20.05	20.15	20.06		
15	64QAM	36	20	19.97	20.03	20.01	21	1
15	64QAM	36	39	19.94	19.94	19.90		
15	64QAM	75	0	20.09	20.15	20.06		
15	256QAM	1	0	18.31	18.43	18.26		
15	256QAM	1	37	18.28	18.43	18.20	19	3
15	256QAM	1	74	18.21	18.26	18.14		
15	256QAM	36	0	18.00	18.17	18.08		
15	256QAM	36	20	18.02	18.08	17.98	19	3
15	256QAM	36	39	17.90	18.02	17.97		
15	256QAM	75	0	18.07	18.23	18.06		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	21.20	21.26	21.26		
10	QPSK	1	25	21.13	21.15	21.01	22	0
10	QPSK	1	49	21.10	21.14	21.04		
10	QPSK	25	0	21.05	21.19	21.00		
10	QPSK	25	12	21.06	21.12	21.02	22	0
10	QPSK	25	25	20.96	21.09	20.94		
10	QPSK	50	0	21.11	21.20	20.97		
10	16QAM	1	0	21.03	21.13	20.97		
10	16QAM	1	25	20.91	21.07	20.92	22	0
10	16QAM	1	49	20.85	20.97	21.01		
10	16QAM	25	0	20.92	21.08	20.98		
10	16QAM	25	12	20.93	20.91	20.94	22	0
10	16QAM	25	25	20.82	20.80	20.80		
10	16QAM	50	0	20.91	21.08	20.87		
10	64QAM	1	0	20.97	21.15	21.04		
10	64QAM	1	25	20.93	21.01	21.02	22	0
10	64QAM	1	49	21.01	20.95	20.98		
10	64QAM	25	0	19.93	20.07	19.93		
10	64QAM	25	12	19.93	19.97	19.93	21	1
10	64QAM	25	25	19.83	19.86	19.87		
10	64QAM	50	0	19.94	20.09	19.97		
10	256QAM	1	0	18.19	18.29	18.11		
10	256QAM	1	25	18.18	18.38	18.11	19	3
10	256QAM	1	49	18.13	18.22	18.05		
10	256QAM	25	0	17.91	18.05	17.96		
10	256QAM	25	12	17.93	18.05	17.88	19	3
10	256QAM	25	25	17.87	17.96	17.93		
10	256QAM	50	0	17.96	18.15	17.97		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	21.19	21.34	21.20		
5	QPSK	1	12	21.11	21.12	21.05	22	0
5	QPSK	1	24	21.09	21.09	20.96		
5	QPSK	12	0	21.06	21.29	21.04		
5	QPSK	12	7	21.07	21.09	21.08	22	0
5	QPSK	12	13	20.96	21.05	20.98		
5	QPSK	25	0	21.12	21.18	21.06		
5	16QAM	1	0	20.99	21.17	21.04		
5	16QAM	1	12	20.97	21.05	20.96	22	0
5	16QAM	1	24	20.85	21.05	21.01		
5	16QAM	12	0	20.95	21.03	20.93		
5	16QAM	12	7	20.87	20.97	20.92	22	0
5	16QAM	12	13	20.87	20.79	20.77		
5	16QAM	25	0	20.93	21.08	20.95		
5	64QAM	1	0	21.04	21.23	21.09		
5	64QAM	1	12	20.96	21.02	20.92	22	0
5	64QAM	1	24	21.03	20.94	20.99		
5	64QAM	12	0	19.95	20.05	19.93		
5	64QAM	12	7	19.93	19.97	19.90	21	1
5	64QAM	12	13	19.84	19.81	19.80		
5	64QAM	25	0	20.02	20.07	20.03		
5	256QAM	1	0	18.19	18.37	18.13		
5	256QAM	1	12	18.13	18.38	18.11	19	3
5	256QAM	1	24	18.10	18.21	18.07		
5	256QAM	12	0	17.92	18.07	18.01		
5	256QAM	12	7	17.99	18.03	17.91	19	3
5	256QAM	12	13	17.83	17.90	17.88		
5	256QAM	25	0	17.99	18.11	18.01		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	21.23	21.32	21.17		
3	QPSK	1	8	21.07	21.20	21.08	22	0
3	QPSK	1	14	21.09	21.15	20.96		
3	QPSK	8	0	21.14	21.22	21.00		
3	QPSK	8	4	21.05	21.14	21.04	22	0
3	QPSK	8	7	20.94	21.05	20.92		
3	QPSK	15	0	21.04	21.16	21.02		
3	16QAM	1	0	20.96	21.15	21.03		
3	16QAM	1	8	20.93	21.03	21.00	22	0
3	16QAM	1	14	20.84	21.01	20.90		
3	16QAM	8	0	20.94	21.04	20.98		
3	16QAM	8	4	20.90	20.92	20.85	22	0
3	16QAM	8	7	20.90	20.89	20.79		
3	16QAM	15	0	20.92	21.11	20.95		
3	64QAM	1	0	21.00	21.15	21.10		
3	64QAM	1	8	20.93	21.01	20.98	22	0
3	64QAM	1	14	21.02	20.97	21.07		
3	64QAM	8	0	20.02	20.01	19.92		
3	64QAM	8	4	19.88	19.97	19.94	21	1
3	64QAM	8	7	19.87	19.87	19.84		
3	64QAM	15	0	19.97	20.10	19.94		
3	256QAM	1	0	18.27	18.36	18.22		
3	256QAM	1	8	18.22	18.37	18.06	19	3
3	256QAM	1	14	18.17	18.19	18.02		
3	256QAM	8	0	17.86	18.05	18.03		
3	256QAM	8	4	17.98	17.95	17.90	19	3
3	256QAM	8	7	17.76	17.96	17.88		
3	256QAM	15	0	17.98	18.14	17.92		
Channel				26907	26965	27023	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	21.20	21.28	21.17		
1.4	QPSK	1	3	21.11	21.21	21.01		
1.4	QPSK	1	5	21.04	21.14	21.02	22	0
1.4	QPSK	3	0	21.05	21.26	21.04		
1.4	QPSK	3	1	21.09	21.08	21.04		
1.4	QPSK	3	3	20.99	21.14	21.03		
1.4	QPSK	6	0	21.09	21.16	21.06	22	0
1.4	16QAM	1	0	21.06	21.18	20.97		
1.4	16QAM	1	3	20.91	21.04	20.94		
1.4	16QAM	1	5	20.93	21.03	20.91	22	0
1.4	16QAM	3	0	20.96	21.11	20.95		
1.4	16QAM	3	1	20.89	20.95	20.85		
1.4	16QAM	3	3	20.88	20.87	20.74		
1.4	16QAM	6	0	20.94	21.00	20.89	22	0
1.4	64QAM	1	0	21.04	21.24	21.04		
1.4	64QAM	1	3	20.97	21.04	21.01		
1.4	64QAM	1	5	20.99	20.97	20.99	22	0
1.4	64QAM	3	0	20.97	21.25	21.03		
1.4	64QAM	3	1	20.93	20.97	20.96		
1.4	64QAM	3	3	21.01	21.01	21.00		
1.4	64QAM	6	0	19.95	20.02	19.96	21	1
1.4	256QAM	1	0	18.20	18.36	18.15		
1.4	256QAM	1	3	18.14	18.33	18.16		
1.4	256QAM	1	5	18.14	18.23	18.02	19	3
1.4	256QAM	3	0	17.87	18.07	18.03		
1.4	256QAM	3	1	17.92	18.02	17.85		
1.4	256QAM	3	3	17.81	17.88	17.93		
1.4	256QAM	6	0	18.01	18.17	18.02	19	3

Band 30 Default Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		21.94			
10	QPSK	1	25		21.76		23	0
10	QPSK	1	49		21.80			
10	QPSK	25	0		21.91			
10	QPSK	25	12		21.79		23	0
10	QPSK	25	25		21.77			
10	QPSK	50	0		21.89			
10	16QAM	1	0		21.82			
10	16QAM	1	25		21.66		23	0
10	16QAM	1	49		21.58			
10	16QAM	25	0		20.92			
10	16QAM	25	12		20.82		22	1
10	16QAM	25	25		20.70			
10	16QAM	50	0		21.04			
10	64QAM	1	0		21.16			
10	64QAM	1	25		20.97		22	1
10	64QAM	1	49		20.95			
10	64QAM	25	0		20.24			
10	64QAM	25	12		20.15		21	2
10	64QAM	25	25		20.01			
10	64QAM	50	0		19.63			
10	256QAM	1	0		18.80			
10	256QAM	1	25		18.80		19	4
10	256QAM	1	49		18.59			
10	256QAM	25	0		18.70			
10	256QAM	25	12		18.50		19	4
10	256QAM	25	25		18.45			
10	256QAM	50	0		18.69			
Channel				27585	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	21.82	21.90	21.75		
5	QPSK	1	12	21.73	21.89	21.60	23	0
5	QPSK	1	24	21.69	21.62	21.52		
5	QPSK	12	0	21.67	21.82	21.69		
5	QPSK	12	7	21.67	21.62	21.70	23	0
5	QPSK	12	13	21.54	21.63	21.63		
5	QPSK	25	0	21.63	21.75	21.66		
5	16QAM	1	0	21.58	21.72	21.51		
5	16QAM	1	12	21.60	21.60	21.50	23	0
5	16QAM	1	24	21.47	21.57	21.46		
5	16QAM	12	0	20.70	20.78	20.76		
5	16QAM	12	7	20.59	20.64	20.57	22	1
5	16QAM	12	13	20.58	20.62	20.54		
5	16QAM	25	0	20.89	20.91	20.78		
5	64QAM	1	0	20.95	21.04	20.87		
5	64QAM	1	12	20.91	20.89	20.90	22	1
5	64QAM	1	24	20.86	20.88	20.84		
5	64QAM	12	0	20.03	20.15	19.94		
5	64QAM	12	7	20.00	20.02	19.96	21	2
5	64QAM	12	13	19.83	20.02	19.87		
5	64QAM	25	0	19.57	19.56	19.57		
5	256QAM	1	0	18.49	18.66	18

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	21.03	21.12	20.97	22	0
20	QPSK	1	49	20.91	21.03	20.86		
20	QPSK	1	99	20.86	20.90	20.79		
20	QPSK	50	0	20.87	21.07	20.96	22	0
20	QPSK	50	24	20.80	20.88	20.84		
20	QPSK	50	50	20.80	20.87	20.88		
20	QPSK	100	0	20.84	20.95	20.82		
20	16QAM	1	0	20.90	20.92	20.87	22	0
20	16QAM	1	49	20.74	20.86	20.80		
20	16QAM	1	99	20.78	20.82	20.73		
20	16QAM	50	0	20.71	20.87	20.79	22	0
20	16QAM	50	24	20.64	20.68	20.65		
20	16QAM	50	50	20.63	20.69	20.59		
20	16QAM	100	0	20.83	20.94	20.82		
20	64QAM	1	0	20.81	20.92	20.74	22	0
20	64QAM	1	49	20.75	20.80	20.77		
20	64QAM	1	99	20.65	20.69	20.68		
20	64QAM	50	0	20.61	20.79	20.69	22	0
20	64QAM	50	24	20.59	20.70	20.54		
20	64QAM	50	50	20.56	20.60	20.49		
20	64QAM	100	0	20.74	20.83	20.82		
20	256QAM	1	0	17.89	18.10	18.00	19	3
20	256QAM	1	49	17.93	18.10	17.95		
20	256QAM	1	99	17.79	17.90	17.85		
20	256QAM	50	0	17.60	17.75	17.63	19	3
20	256QAM	50	24	17.60	17.58	17.52		
20	256QAM	50	50	17.47	17.58	17.47		
20	256QAM	100	0	17.78	17.92	17.80		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	20.92	21.07	20.92	22	0
15	QPSK	1	37	20.78	20.96	20.79		
15	QPSK	1	74	20.77	20.75	20.71		
15	QPSK	36	0	20.78	21.01	20.83	22	0
15	QPSK	36	20	20.75	20.78	20.76		
15	QPSK	36	39	20.67	20.83	20.79		
15	QPSK	75	0	20.74	20.92	20.77		
15	16QAM	1	0	20.81	20.83	20.75	22	0
15	16QAM	1	37	20.63	20.83	20.77		
15	16QAM	1	74	20.66	20.68	20.65		
15	16QAM	36	0	20.59	20.74	20.64	22	0
15	16QAM	36	20	20.54	20.54	20.51		
15	16QAM	36	39	20.59	20.64	20.51		
15	16QAM	75	0	20.75	20.88	20.70		
15	64QAM	1	0	20.71	20.80	20.69	22	0
15	64QAM	1	37	20.61	20.68	20.66		
15	64QAM	1	74	20.54	20.58	20.55		
15	64QAM	36	0	20.56	20.70	20.62	22	0
15	64QAM	36	20	20.53	20.62	20.40		
15	64QAM	36	39	20.48	20.52	20.38		
15	64QAM	75	0	20.67	20.69	20.68		
15	256QAM	1	0	17.76	17.98	17.91	19	3
15	256QAM	1	37	17.78	18.02	17.83		
15	256QAM	1	74	17.65	17.85	17.81		
15	256QAM	36	0	17.46	17.70	17.50	19	3
15	256QAM	36	20	17.47	17.53	17.41		
15	256QAM	36	39	17.37	17.50	17.33		
15	256QAM	75	0	17.64	17.81	17.74		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	20.94	21.01	20.86	22	0
10	QPSK	1	25	20.83	20.89	20.71		
10	QPSK	1	49	20.82	20.78	20.72		
10	QPSK	25	0	20.76	20.97	20.88	22	0
10	QPSK	25	12	20.68	20.78	20.79		
10	QPSK	25	25	20.76	20.81	20.74		
10	QPSK	50	0	20.74	20.81	20.68		
10	16QAM	1	0	20.81	20.83	20.74	22	0
10	16QAM	1	25	20.66	20.75	20.74		
10	16QAM	1	49	20.73	20.76	20.64		
10	16QAM	25	0	20.58	20.81	20.65	22	0
10	16QAM	25	12	20.54	20.58	20.60		
10	16QAM	25	25	20.56	20.65	20.49		
10	16QAM	50	0	20.80	20.82	20.68		
10	64QAM	1	0	20.72	20.86	20.71	22	0
10	64QAM	1	25	20.61	20.74	20.64		
10	64QAM	1	49	20.51	20.55	20.58		
10	64QAM	25	0	20.47	20.71	20.57	22	0
10	64QAM	25	12	20.48	20.64	20.43		
10	64QAM	25	25	20.47	20.46	20.45		
10	64QAM	50	0	20.67	20.79	20.75	19	3
10	256QAM	1	0	18.01	17.97	17.92		
10	256QAM	1	25	17.86	17.95	17.87		
10	256QAM	1	49	17.65	17.76	17.79	19	3
10	256QAM	25	0	17.53	17.63	17.59		
10	256QAM	25	12	17.57	17.52	17.45		
10	256QAM	25	25	17.36	17.46	17.43		
10	256QAM	50	0	17.65	17.85	17.76		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	20.91	20.98	20.86	22	0
5	QPSK	1	12	20.85	20.92	20.79		
5	QPSK	1	24	20.80	20.82	20.68		
5	QPSK	12	0	20.75	20.94	20.92	22	0
5	QPSK	12	7	20.76	20.79	20.71		
5	QPSK	12	13	20.67	20.80	20.79		
5	QPSK	25	0	20.73	20.91	20.67		
5	16QAM	1	0	20.81	20.80	20.76	22	0
5	16QAM	1	12	20.64	20.73	20.75		
5	16QAM	1	24	20.76	20.73	20.60		
5	16QAM	12	0	20.67	20.72	20.64	22	0
5	16QAM	12	7	20.58	20.57	20.60		
5	16QAM	12	13	20.50	20.55	20.54		
5	16QAM	25	0	20.76	20.88	20.69		
5	64QAM	1	0	20.70	20.83	20.66	22	0
5	64QAM	1	12	20.65	20.77	20.64		
5	64QAM	1	24	20.62	20.54	20.61		
5	64QAM	12	0	20.53	20.67	20.60	22	0
5	64QAM	12	7	20.46	20.58	20.49		
5	64QAM	12	13	20.50	20.53	20.39		
5	64QAM	25	0	20.70	20.77	20.70		
5	256QAM	1	0	17.82	18.02	17.93	19	3
5	256QAM	1	12	17.80	17.98	17.82		
5	256QAM	1	24	17.70	17.76	17.71		
5	256QAM	12	0	17.55	17.63	17.49	19	3
5	256QAM	12	7	17.54	17.50	17.47		
5	256QAM	12	13	17.39	17.51	17.44		
5	256QAM	25	0	17.64	17.78	17.75		
Channel				131967	132322	132677	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	20.91	21.06	20.92	22	0
3	QPSK	1	8	20.85	20.96	20.74		
3	QPSK	1	14	20.75	20.86	20.66		
3	QPSK	8	0	20.73	20.93	20.86	22	0
3	QPSK	8	4	20.74	20.80	20.80		
3	QPSK	8	7	20.69	20.82	20.85		
3	QPSK	15	0	20.79	20.84	20.78		
3	16QAM	1	0	20.87	20.82	20.80	22	0
3	16QAM	1	8	20.63	20.77	20.73		
3	16QAM	1	14	20.70	20.68	20.67		
3	16QAM	8	0	20.60	20.83	20.74	22	0
3	16QAM	8	4	20.55	20.53	20.58		
3	16QAM	8	7	20.55	20.61	20.55		
3	16QAM	15	0	20.77	20.84	20.71		
3	64QAM	1	0	20.69	20.82	20.64	22	0
3	64QAM	1	8	20.64	20.72	20.64		
3	64QAM	1	14	20.51	20.57	20.59		
3	64QAM	8	0	20.48	20.68	20.59	22	0
3	64QAM	8	4	20.45	20.61	20.46		
3	64QAM	8	7	20.49	20.53	20.43		
3	64QAM	15	0	20.71	20.71	20.70		
3	256QAM	1	0	17.84	18.06	17.89	19	3
3	256QAM	1	8	17.83	18.04	17.81		
3	256QAM	1	14	17.74	17.86	17.78		
3	256QAM	8	0	17.56	17.67	17.51	19	3
3	256QAM	8	4	17.45	17.47	17.48		
3	256QAM	8	7	17.36	17.55	17.37		
3	256QAM	15	0	17.69	17.82	17.77		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	20.93	21.03	20.94	22	0
1.4	QPSK	1	3	20.80	20.97	20.80		
1.4	QPSK	1	5	20.81	20.76	20.67		
1.4	QPSK	3	0	20.75	20.95	20.84		
1.4	QPSK	3	1	20.69	20.79	20.72		
1.4	QPSK	3	3	20.69	20.84	20.81		
1.4	QPSK	6	0	20.80	20.84	20.68	22	0
1.4	16QAM	1	0	20.83	20.86	20.74	22	0
1.4	16QAM	1	3	20.63	20.72	20.67		
1.4	16QAM	1	5	20.70	20.79	20.59		
1.4	16QAM	3	0	20.62	20.81	20.65		
1.4	16QAM	3	1	20.55	20.56	20.52		
1.4	16QAM	3	3	20.54	20.64	20.47		
1.4	16QAM	6	0	20.71	20.88	20.70	21.5	0.5
1.4	64QAM	1	0	20.74	20.77	20.60	21.5	0.5
1.4	64QAM	1	3	20.61	20.68	20.73		
1.4	64QAM	1	5	20.51	20.61	20.59		
1.4	64QAM	3	0	20.57	20.66	20.59		
1.4	64QAM	3	1	20.45	20.62	20.46		
1.4	64QAM	3	3	20.46	20.48	20.36		
1.4	64QAM	6	0	20.60	20.76	20.73	20.5	1.5
1.4	256QAM	1	0	17.81	18.02	17.97	18.5	3.5
1.4	256QAM	1	3	17.80	18.02	17.81		
1.4	256QAM	1	5	17.66	17.75	17.80		
1.4	256QAM	3	0	17.56	17.66	17.53		
1.4	256QAM	3	1	17.51	17.45	17.38		
1.4	256QAM	3	3	17.34	17.48	17.38		
1.4	256QAM	6	0	17.66	17.83	17.68	18.5	3.5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				133222	133322	133372		
Frequency (MHz)				673	683	688		
20	QPSK	1	0	21.76	21.85	21.69	23	0
20	QPSK	1	49	21.62	21.74	21.59		
20	QPSK	1	99	21.53	21.65	21.55		
20	QPSK	50	0	21.65	21.79	21.60	23	0
20	QPSK	50	24	21.61	21.64	21.62		
20	QPSK	50	50	21.54	21.61	21.61		
20	QPSK	100	0	21.50	21.72	21.57		
20	16QAM	1	0	21.58	21.77	21.57	23	0
20	16QAM	1	49	21.55	21.59	21.61		
20	16QAM	1	99	21.49	21.58	21.56		
20	16QAM	50	0	21.45	21.64	21.47	22.5	0.5
20	16QAM	50	24	21.46	21.49	21.49		
20	16QAM	50	50	21.40	21.44	21.38		
20	16QAM	100	0	21.38	21.48	21.29		
20	64QAM	1	0	21.32	21.53	21.38	22.5	0.5
20	64QAM	1	49	21.35	21.44	21.39		
20	64QAM	1	99	21.30	21.33	21.35		
20	64QAM	50	0	20.29	20.50	20.33	21.5	1.5
20	64QAM	50	24	20.35	20.36	20.33		
20	64QAM	50	50	20.29	20.32	20.30		
20	64QAM	100	0	20.22	20.31	20.25		
20	256QAM	1	0	17.67	17.89	17.81	19	4
20	256QAM	1	49	17.72	17.89	17.67		
20	256QAM	1	99	17.59	17.65	17.64		
20	256QAM	50	0	18.43	18.62	18.53	19	4
20	256QAM	50	24	18.37	18.52	18.42		
20	256QAM	50	50	18.30	18.39	18.37		
20	256QAM	100	0	18.32	18.49	18.34		
Channel				133197	133297	133397	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	0	21.70	21.78	21.54	23	0
15	QPSK	1	37	21.52	21.64	21.53		
15	QPSK	1	74	21.43	21.61	21.51		
15	QPSK	36	0	21.57	21.70	21.56	23	0
15	QPSK	36	20	21.55	21.59	21.49		
15	QPSK	36	39	21.50	21.47	21.55		
15	QPSK	75	0	21.40	21.59	21.53		
15	16QAM	1	0	21.47	21.64	21.43	23	0
15	16QAM	1	37	21.42	21.45	21.50		
15	16QAM	1	74	21.35	21.55	21.45		
15	16QAM	36	0	21.37	21.51	21.36	22.5	0.5
15	16QAM	36	20	21.38	21.39	21.35		
15	16QAM	36	39	21.31	21.30	21.32		
15	16QAM	75	0	21.34	21.41	21.20		
15	64QAM	1	0	21.23	21.38	21.34	22.5	0.5
15	64QAM	1	37	21.30	21.30	21.26		
15	64QAM	1	74	21.25	21.20	21.29		
15	64QAM	36	0	20.15	20.39	20.23	21.5	1.5
15	64QAM	36	20	20.23	20.22	20.23		
15	64QAM	36	39	20.23	20.26	20.22		
15	64QAM	75	0	20.16	20.20	20.17		
15	256QAM	1	0	17.61	17.84	17.75	19	4
15	256QAM	1	37	17.58	17.83	17.64		
15	256QAM	1	74	17.46	17.56	17.52		
15	256QAM	36	0	18.31	18.50	18.38	19	4
15	256QAM	36	20	18.29	18.47	18.30		
15	256QAM	36	39	18.23	18.41	18.26		
15	256QAM	75	0	18.27	18.39	18.25		
Channel				133172	133272	133422	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	678	693		
10	QPSK	1	0	21.66	21.75	21.62	23	0
10	QPSK	1	25	21.50	21.60	21.51		
10	QPSK	1	49	21.41	21.53	21.51		
10	QPSK	25	0	21.51	21.66	21.57	23	0
10	QPSK	25	12	21.52	21.54	21.48		
10	QPSK	25	25	21.49	21.47	21.52		
10	QPSK	50	0	21.46	21.62	21.45		
10	16QAM	1	0	21.54	21.63	21.51	23	0
10	16QAM	1	25	21.46	21.46	21.55		
10	16QAM	1	49	21.40	21.53	21.47		
10	16QAM	25	0	21.34	21.55	21.37	22.5	0.5
10	16QAM	25	12	21.36	21.46	21.45		
10	16QAM	25	25	21.36	21.33	21.26		
10	16QAM	50	0	21.31	21.42	21.17		
10	64QAM	1	0	21.24	21.43	21.24	22.5	0.5
10	64QAM	1	25	21.25	21.29	21.34		
10	64QAM	1	49	21.19	21.21	21.27		
10	64QAM	25	0	20.18	20.42	20.24	21.5	1.5
10	64QAM	25	12	20.22	20.25	20.27		
10	64QAM	25	25	20.17	20.25	20.25		
10	64QAM	50	0	20.11	20.22	20.22		
10	256QAM	1	0	17.61	17.81	17.75	19	4
10	256QAM	1	25	17.69	17.79	17.59		
10	256QAM	1	49	17.50	17.57	17.51		
10	256QAM	25	0	18.32	18.55	18.46	19	4
10	256QAM	25	12	18.26	18.41	18.36		
10	256QAM	25	25	18.24	18.30	18.24		
10	256QAM	50	0	18.19	18.40	18.22		
Channel				133147	133247	133447	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	675.5	695.5		
5	QPSK	1	0	21.72	21.72	21.62	23	0
5	QPSK	1	12	21.54	21.66	21.54		
5	QPSK	1	24	21.44	21.53	21.48		
5	QPSK	12	0	21.59	21.65	21.57	23	0
5	QPSK	12	7	21.48	21.50	21.57		
5	QPSK	12	13	21.43	21.57	21.47		
5	QPSK	25	0	21.39	21.68	21.53		
5	16QAM	1	0	21.43	21.65	21.47	23	0
5	16QAM	1	12	21.47	21.44	21.51		
5	16QAM	1	24	21.49	21.50	21.52		
5	16QAM	12	0	21.36	21.52	21.40	22.5	0.5
5	16QAM	12	7	21.35	21.35	21.37		
5	16QAM	12	13	21.35	21.40	21.33		
5	16QAM	25	0	21.32	21.43	21.18		
5	64QAM	1	0	21.19	21.44	21.29	22.5	0.5
5	64QAM	1	12	21.26	21.35	21.31		
5	64QAM	1	24	21.16	21.18	21.28		
5	64QAM	12	0	20.16	20.41	20.18	21.5	1.5
5	64QAM	12	7	20.29	20.30	20.28		
5	64QAM	12	13	20.22	20.17	20.19		
5	64QAM	25	0	20.10	20.25	20.12		
5	256QAM	1	0	17.58	17.80	17.72	19	4
5	256QAM	1	12	17.65	17.79	17.53		
5	256QAM	1	24	17.45	17.60	17.52		
5	256QAM	12	0	18.34	18.50	18.42	19	4
5	256QAM	12	7	18.31	18.46	18.38		
5	256QAM	12	13	18.21	18.29	18.23		
5	256QAM	25	0	18.22	18.46	18.29		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	22.41	22.53	22.49		
20	QPSK	1	49	22.32	22.35	22.39	23	0
20	QPSK	1	99	22.25	22.29	22.29		
20	QPSK	50	0	22.29	22.48	22.39		
20	QPSK	50	24	22.24	22.36	22.32	23	0
20	QPSK	50	50	22.24	22.28	22.28		
20	QPSK	100	0	22.26	22.45	22.33		
20	16QAM	1	0	22.35	22.51	22.39		
20	16QAM	1	49	22.31	22.35	22.28	23	0
20	16QAM	1	99	22.27	22.30	22.24		
20	16QAM	50	0	21.97	22.14	21.95		
20	16QAM	50	24	21.91	21.95	21.93	23	0
20	16QAM	50	50	21.88	21.92	21.89		
20	16QAM	100	0	21.95	22.09	21.99		
20	64QAM	1	0	22.29	22.47	22.39		
20	64QAM	1	49	22.28	22.36	22.28	23	0
20	64QAM	1	99	22.16	22.24	22.22		
20	64QAM	50	0	21.93	22.11	22.00		
20	64QAM	50	24	21.89	22.03	21.90	22.5	0.5
20	64QAM	50	50	21.80	21.94	21.85		
20	64QAM	100	0	21.91	22.05	21.96		
20	256QAM	1	0	18.83	19.00	18.85		
20	256QAM	1	49	18.79	19.00	18.76	20.5	2.5
20	256QAM	1	99	18.76	18.77	18.78		
20	256QAM	50	0	18.95	19.16	18.97		
20	256QAM	50	24	18.97	19.06	18.96	20.5	2.5
20	256QAM	50	50	18.89	18.95	18.94		
20	256QAM	100	0	19.00	19.15	18.96		
Channel				37825	38000	38175	Tune-up limit	MPR
Frequency (MHz)				2577.5	2595	2612.5	(dBm)	(dB)
15	QPSK	1	0	22.26	22.49	22.41		
15	QPSK	1	37	22.19	22.23	22.30	23	0
15	QPSK	1	74	22.12	22.20	22.21		
15	QPSK	36	0	22.23	22.33	22.34		
15	QPSK	36	20	22.14	22.22	22.19	23	0
15	QPSK	36	39	22.11	22.16	22.24		
15	QPSK	75	0	22.18	22.39	22.23		
15	16QAM	1	0	22.26	22.39	22.27		
15	16QAM	1	37	22.21	22.24	22.20	23	0
15	16QAM	1	74	22.15	22.25	22.15		
15	16QAM	36	0	21.94	22.08	21.82		
15	16QAM	36	20	21.82	21.84	21.86	23	0
15	16QAM	36	39	21.78	21.84	21.86		
15	16QAM	75	0	21.81	22.06	21.94		
15	64QAM	1	0	22.15	22.37	22.36		
15	64QAM	1	37	22.17	22.26	22.23	23	0
15	64QAM	1	74	22.06	22.11	22.15		
15	64QAM	36	0	21.85	21.96	21.87		
15	64QAM	36	20	21.83	21.92	21.78	22.5	0.5
15	64QAM	36	39	21.68	21.82	21.81		
15	64QAM	75	0	21.82	21.91	21.86		
15	256QAM	1	0	18.77	18.90	18.81		
15	256QAM	1	37	18.70	18.91	18.72	20.5	2.5
15	256QAM	1	74	18.67	18.74	18.74		
15	256QAM	36	0	18.86	19.11	18.92		
15	256QAM	36	20	18.93	18.94	18.86	20.5	2.5
15	256QAM	36	39	18.85	18.88	18.84		
15	256QAM	75	0	18.89	19.10	18.89		
Channel				37800	38000	38200	Tune-up limit	MPR
Frequency (MHz)				2575	2595	2615	(dBm)	(dB)
10	QPSK	1	0	22.29	22.47	22.41		
10	QPSK	1	25	22.23	22.30	22.27	23	0
10	QPSK	1	49	22.19	22.21	22.25		
10	QPSK	25	0	22.23	22.36	22.27		
10	QPSK	25	12	22.21	22.29	22.25	23	0
10	QPSK	25	25	22.14	22.20	22.22		
10	QPSK	50	0	22.14	22.37	22.26		
10	16QAM	1	0	22.25	22.38	22.31		
10	16QAM	1	25	22.27	22.23	22.18	23	0
10	16QAM	1	49	22.15	22.16	22.12		
10	16QAM	25	0	21.85	22.03	21.80		
10	16QAM	25	12	21.87	21.91	21.86	23	0
10	16QAM	25	25	21.78	21.85	21.77		
10	16QAM	50	0	21.87	22.00	21.86		
10	64QAM	1	0	22.18	22.33	22.27		
10	64QAM	1	25	22.21	22.31	22.23	23	0
10	64QAM	1	49	22.03	22.10	22.12		
10	64QAM	25	0	21.78	22.07	21.87		
10	64QAM	25	12	21.76	21.97	21.76	22.5	0.5
10	64QAM	25	25	21.77	21.87	21.71		
10	64QAM	50	0	21.77	21.95	21.81		
10	256QAM	1	0	18.76	18.92	18.70		
10	256QAM	1	25	18.64	18.91	18.72	20.5	2.5
10	256QAM	1	49	18.62	18.73	18.68		
10	256QAM	25	0	18.83	19.11	18.88		
10	256QAM	25	12	18.90	19.03	18.92	20.5	2.5
10	256QAM	25	25	18.77	18.84	18.87		
10	256QAM	50	0	18.91	19.04	18.86		
Channel				37775	38000	38225	Tune-up limit	MPR
Frequency (MHz)				2572.5	2595	2617.5	(dBm)	(dB)
5	QPSK	1	0	22.26	22.40	22.42		
5	QPSK	1	12	22.27	22.21	22.34	23	0
5	QPSK	1	24	22.17	22.17	22.21		
5	QPSK	12	0	22.16	22.34	22.28		
5	QPSK	12	7	22.12	22.26	22.22	23	0
5	QPSK	12	13	22.21	22.21	22.17		
5	QPSK	25	0	22.21	22.31	22.23		
5	16QAM	1	0	22.31	22.41	22.34		
5	16QAM	1	12	22.21	22.24	22.13	23	0
5	16QAM	1	24	22.13	22.17	22.18		
5	16QAM	12	0	21.89	22.08	21.90		
5	16QAM	12	7	21.81	21.89	21.88	23	0
5	16QAM	12	13	21.80	21.86	21.85		
5	16QAM	25	0	21.85	22.04	21.95		
5	64QAM	1	0	22.20	22.35	22.24		
5	64QAM	1	12	22.14	22.25	22.20	23	0
5	64QAM	1	24	22.04	22.14	22.08		
5	64QAM	12	0	21.86	22.08	21.86		
5	64QAM	12	7	21.78	21.88	21.82	22.5	0.5
5	64QAM	12	13	21.76	21.79	21.73		
5	64QAM	25	0	21.78	21.96	21.92		
5	256QAM	1	0	18.73	18.88	18.71		
5	256QAM	1	12	18.72	18.87	18.66	20.5	2.5
5	256QAM	1	24	18.64	18.73	18.70		
5	256QAM	12	0	18.87	19.09	18.90		
5	256QAM	12	7	18.82	19.01	18.84	20.5	2.5
5	256QAM	12	13	18.85	18.88	18.90		
5	256QAM	25	0	18.95	19.08	18.91		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	23.67	23.70	23.75	23.54	23.60		
20	QPSK	1	49	23.55	23.62	23.65	23.51	23.52	24	0
20	QPSK	1	99	23.48	23.56	23.59	23.50	23.46		
20	QPSK	50	0	22.58	22.56	22.72	22.60	22.66		
20	QPSK	50	24	22.50	22.51	22.64	22.54	22.47	23	1
20	QPSK	50	50	22.50	22.42	22.54	22.50	22.47		
20	QPSK	100	0	22.60	22.58	22.69	22.55	22.59		
20	16QAM	1	0	22.80	22.67	22.88	22.75	22.77		
20	16QAM	1	49	22.68	22.62	22.70	22.68	22.72	23	1
20	16QAM	1	99	22.67	22.58	22.72	22.62	22.64		
20	16QAM	50	0	21.67	21.69	21.80	21.63	21.77		
20	16QAM	50	24	21.64	21.59	21.63	21.62	21.59	22	2
20	16QAM	50	50	21.45	21.55	21.65	21.50	21.45		
20	16QAM	100	0	21.69	21.68	21.90	21.74	21.77		
20	64QAM	1	0	21.79	21.78	21.71	21.76	21.80		
20	64QAM	1	49	21.72	21.74	21.69	21.64	21.67	22	2
20	64QAM	1	99	21.50	21.66	21.64	21.67	21.47		
20	64QAM	50	0	20.66	20.66	20.74	20.63	20.70		
20	64QAM	50	24	20.46	20.58	20.66	20.61	20.41	21	3
20	64QAM	50	50	20.50	20.48	20.65	20.54	20.59		
20	64QAM	100	0	20.68	20.67	20.70	20.75	20.59		
20	256QAM	1	0	18.62	18.49	18.70	18.50	18.65		
20	256QAM	1	49	18.64	18.47	18.70	18.55	18.56	19	5
20	256QAM	1	99	18.43	18.43	18.53	18.51	18.38		
20	256QAM	50	0	18.76	18.67	18.83	18.70	18.74		
20	256QAM	50	24	18.61	18.59	18.64	18.62	18.62	19	5
20	256QAM	50	50	18.51	18.53	18.61	18.63	18.59		
20	256QAM	100	0	18.77	18.75	18.88	18.71	18.73		
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	23.47	23.50	23.55	23.34	23.40		
15	QPSK	1	37	23.35	23.42	23.45	23.31	23.32	24.00	0
15	QPSK	1	74	23.28	23.36	23.39	23.30	23.26		
15	QPSK	36	0	22.38	22.36	22.52	22.40	22.46		
15	QPSK	36	20	22.30	22.31	22.44	22.34	22.27	23	1
15	QPSK	36	39	22.30	22.22	22.34	22.30	22.27		
15	QPSK	75	0	22.40	22.38	22.49	22.35	22.39		
15	16QAM	1	0	22.60	22.47	22.68	22.55	22.57		
15	16QAM	1	37	22.48	22.42	22.50	22.48	22.52	23	1
15	16QAM	1	74	22.47	22.38	22.52	22.42	22.44		
15	16QAM	36	0	21.47	21.49	21.60	21.43	21.57		
15	16QAM	36	20	21.44	21.39	21.43	21.42	21.39	22	2
15	16QAM	36	39	21.25	21.35	21.45	21.30	21.25		
15	16QAM	75	0	21.49	21.48	21.70	21.54	21.57		
15	64QAM	1	0	21.59	21.58	21.51	21.56	21.60		
15	64QAM	1	37	21.52	21.54	21.49	21.44	21.47	22	2
15	64QAM	1	74	21.30	21.46	21.44	21.47	21.27		
15	64QAM	36	0	20.46	20.46	20.54	20.43	20.50		
15	64QAM	36	20	20.26	20.38	20.46	20.41	20.21	21	3
15	64QAM	36	39	20.30	20.28	20.45	20.34	20.39		
15	64QAM	75	0	20.48	20.47	20.50	20.55	20.39		
15	256QAM	1	0	18.42	18.29	18.50	18.30	18.45		
15	256QAM	1	37	18.44	18.27	18.50	18.35	18.36	19	5
15	256QAM	1	74	18.23	18.23	18.33	18.31	18.18		
15	256QAM	36	0	18.56	18.47	18.63	18.50	18.54		
15	256QAM	36	20	18.41	18.39	18.44	18.42	18.42	19	5
15	256QAM	36	39	18.31	18.33	18.41	18.43	18.39		
15	256QAM	75	0	18.57	18.55	18.68	18.51	18.53		
Channel				39700	40160	40620	41080	41540	Tune-up limit	MPR
Frequency (MHz)				2501	2547	2593	2639	2685	(dBm)	(dB)
10	QPSK	1	0	23.58	23.66	23.66	23.46	23.55		
10	QPSK	1	25	23.43	23.54	23.57	23.36	23.42	24.00	0
10	QPSK	1	49	23.41	23.45	23.49	23.41	23.37		
10	QPSK	25	0	22.53	22.53	22.62	22.46	22.57		
10	QPSK	25	12	22.46	22.46	22.58	22.46	22.44	23	1
10	QPSK	25	25	22.39	22.27	22.40	22.44	22.40		
10	QPSK	50	0	22.46	22.44	22.65	22.46	22.52		
10	16QAM	1	0	22.69	22.53	22.78	22.61	22.64		
10	16QAM	1	25	22.59	22.56	22.61	22.59	22.64	23	1
10	16QAM	1	49	22.63	22.54	22.65	22.48	22.57		
10	16QAM	25	0	21.59	21.59	21.72	21.49	21.67		
10	16QAM	25	12	21.57	21.56	21.55	21.49	21.55	22	2
10	16QAM	25	25	21.39	21.47	21.58	21.42	21.35		
10	16QAM	50	0	21.65	21.54	21.76	21.66	21.70		
10	64QAM	1	0	21.75	21.60	21.70	21.73	21.81		
10	64QAM	1	25	21.68	21.69	21.59	21.46	21.69	22	2
10	64QAM	1	49	21.52	21.49	21.62	21.57	21.47		
10	64QAM	25	0	20.56	20.55	20.76	20.55	20.59		
10	64QAM	25	12	20.42	20.56	20.52	20.46	20.30	21	3
10	64QAM	25	25	20.39	20.42	20.63	20.45	20.46		
10	64QAM	50	0	20.69	20.52	20.67	20.57	20.47		
10	256QAM	1	0	18.58	18.35	18.66	18.36	18.60		
10	256QAM	1	25	18.56	18.40	18.64	18.49	18.53	19	5
10	256QAM	1	49	18.35	18.29	18.50	18.46	18.30		
10	256QAM	25	0	18.62	18.52	18.78	18.59	18.60		
10	256QAM	25	12	18.49	18.48	18.60	18.59	18.55	19	5
10	256QAM	25	25	18.40	18.40	18.51	18.51	18.49		
10	256QAM	50	0	18.67	18.65	18.81	18.64	18.60		
Channel				39675	40148	40620	41093	41565	Tune-up limit	MPR
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5	(dBm)	(dB)
5	QPSK	1	0	23.58	23.56	23.61	23.43	23.56		
5	QPSK	1	12	23.50	23.51	23.51	23.45	23.47	24.00	0
5	QPSK	1	24	23.42	23.48	23.48	23.35	23.39		
5	QPSK	12	0	22.47	22.41	22.68	22.56	22.62		
5	QPSK	12	7	22.38	22.48	22.60	22.41	22.34	23	1
5	QPSK	12	13	22.37	22.29	22.43	22.37	22.35		
5	QPSK	25	0	22.54	22.52	22.62	22.47	22.52		
5	16QAM	1	0	22.66	22.57	22.84	22.62	22.63		
5	16QAM	1	12	22.55	22.57	22.63	22.55	22.65	23	1
5	16QAM	1	24	22.57	22.52	22.62	22.56	22.58		
5	16QAM	12	0	21.61	21.58	21.65	21.51	21.65		
5	16QAM	12	7	21.60	21.49	21.57	21.52	21.54	22	2
5	16QAM	12	13	21.35	21.43	21.52	21.42	21.39		
5	16QAM	25	0	21.55	21.54	21.75	21.60	21.67		
5	64QAM	1	0	21.75	21.63	21.75	21.61	21.77		
5	64QAM	1	12	21.62	21.59	21.63	21.61	21.61	22	2
5	64QAM	1	24	21.44	21.57	21.64	21.57	21.49		
5	64QAM	12	0	20.66	20.50	20.73	20.44	20.57		
5	64QAM	12	7	20.42	20.42	20.56	20.45	20.39	21	3
5	64QAM	12	13	20.35	20.49	20.55	20.39	20.49		
5	64QAM	25	0	20.68	20.62	20.55	20.67	20.51		
5	256QAM	1	0	18.55	18.40	18.59	18.37	18.50		
5	256QAM	1	12	18.50	18.36	18.59	18.43	18.45	19	5
5	256QAM	1	24	18.36	18.37	18.48	18.47	18.29		
5	256QAM	12	0	18.64	18.53	18.68	18.57	18.66		
5	256QAM	12	7	18.50	18.45	18.61	18.51	18.58	19	5
5	256QAM	12	13	18.37	18.49	18.53	18.52	18.44		
5	256QAM	25	0	18.67	18.67	18.81	18.62	18.63		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	25.50	25.47	25.64	25.41	25.55	27	0
20	QPSK	1	49	25.33	25.40	25.58	25.35	25.53		
20	QPSK	1	99	25.29	25.33	25.51	25.31	25.41		
20	QPSK	50	0	25.33	25.30	25.49	25.29	25.37	27	0
20	QPSK	50	24	25.27	25.29	25.46	25.27	25.33		
20	QPSK	50	50	25.18	25.22	25.40	25.18	25.26		
20	QPSK	100	0	25.19	25.19	25.38	25.22	25.28		
20	16QAM	1	0	25.18	25.28	25.42	25.23	25.34	27	0
20	16QAM	1	49	25.20	25.14	25.39	25.16	25.28		
20	16QAM	1	99	25.16	25.13	25.35	25.12	25.27		
20	16QAM	50	0	24.29	24.40	24.53	24.34	24.44	26	1
20	16QAM	50	24	24.32	24.26	24.50	24.27	24.42		
20	16QAM	50	50	24.21	24.24	24.46	24.22	24.39		
20	16QAM	100	0	24.25	24.23	24.42	24.19	24.28		
20	64QAM	1	0	24.57	24.66	24.80	24.57	24.75	26	1
20	64QAM	1	49	24.55	24.52	24.74	24.54	24.66		
20	64QAM	1	99	24.52	24.55	24.70	24.50	24.65		
20	64QAM	50	0	23.37	23.35	23.56	23.39	23.46	25	2
20	64QAM	50	24	23.33	23.33	23.53	23.31	23.45		
20	64QAM	50	50	23.35	23.25	23.49	23.33	23.44		
20	64QAM	100	0	23.23	23.29	23.44	23.31	23.33		
20	256QAM	1	0	21.51	21.49	21.68	21.44	21.58	23	4
20	256QAM	1	49	21.43	21.41	21.61	21.42	21.52		
20	256QAM	1	99	21.30	21.36	21.55	21.41	21.51		
20	256QAM	50	0	21.37	21.38	21.52	21.34	21.45	23	4
20	256QAM	50	24	21.27	21.23	21.46	21.24	21.39		
20	256QAM	50	50	21.23	21.26	21.41	21.20	21.35		
20	256QAM	100	0	21.10	21.12	21.34	21.15	21.24		
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	25.47	25.39	25.51	25.36	25.50	27.00	0
15	QPSK	1	37	25.29	25.33	25.46	25.29	25.46		
15	QPSK	1	74	25.15	25.26	25.38	25.24	25.30		
15	QPSK	36	0	25.25	25.24	25.46	25.24	25.26	27	0
15	QPSK	36	20	25.13	25.15	25.43	25.21	25.21		
15	QPSK	36	39	25.04	25.11	25.30	25.08	25.12		
15	QPSK	75	0	25.04	25.06	25.28	25.17	25.24		
15	16QAM	1	0	25.05	25.14	25.32	25.16	25.28	27	0
15	16QAM	1	37	25.05	25.11	25.27	25.03	25.20		
15	16QAM	1	74	25.10	25.00	25.28	25.07	25.21		
15	16QAM	36	0	24.17	24.33	24.39	24.24	24.35	26	1
15	16QAM	36	20	24.25	24.18	24.44	24.15	24.31		
15	16QAM	36	39	24.11	24.09	24.37	24.10	24.26		
15	16QAM	75	0	24.20	24.08	24.29	24.05	24.17		
15	64QAM	1	0	24.44	24.57	24.72	24.47	24.70	26	1
15	64QAM	1	37	24.49	24.48	24.63	24.46	24.55		
15	64QAM	1	74	24.42	24.42	24.62	24.38	24.61		
15	64QAM	36	0	23.26	23.22	23.47	23.29	23.33	25	2
15	64QAM	36	20	23.23	23.28	23.40	23.19	23.34		
15	64QAM	36	39	23.22	23.16	23.36	23.21	23.39		
15	64QAM	75	0	23.19	23.25	23.32	23.18	23.23		
15	256QAM	1	0	21.44	21.44	21.54	21.33	21.45	23	4
15	256QAM	1	37	21.29	21.29	21.56	21.28	21.46		
15	256QAM	1	74	21.25	21.29	21.52	21.31	21.41		
15	256QAM	36	0	21.28	21.27	21.39	21.26	21.30	23	4
15	256QAM	36	20	21.12	21.14	21.34	21.18	21.27		
15	256QAM	36	39	21.14	21.22	21.37	21.12	21.30		
15	256QAM	75	0	21.06	21.19	21.21	21.00	21.10		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	25.38	25.38	25.57	25.37	25.48	27.00	0
10	QPSK	1	25	25.25	25.31	25.46	25.25	25.42		
10	QPSK	1	49	25.21	25.18	25.38	25.17	25.37		
10	QPSK	25	0	25.22	25.18	25.46	25.22	25.32	27	0
10	QPSK	25	12	25.17	25.21	25.43	25.22	25.26		
10	QPSK	25	25	25.04	25.13	25.35	25.10	25.14		
10	QPSK	50	0	25.15	25.06	25.31	25.14	25.24		
10	16QAM	1	0	25.06	25.20	25.30	25.17	25.24	27	0
10	16QAM	1	25	25.06	25.05	25.33	25.12	25.25		
10	16QAM	1	49	25.09	25.07	25.30	25.17	25.24		
10	16QAM	25	0	24.21	24.28	24.44	24.25	24.39	26	1
10	16QAM	25	12	24.23	24.19	24.46	24.18	24.29		
10	16QAM	25	25	24.13	24.11	24.43	24.17	24.35		
10	16QAM	50	0	24.17	24.12	24.31	24.16	24.22		
10	64QAM	1	0	24.44	24.56	24.74	24.49	24.63	26	1
10	64QAM	1	25	24.43	24.46	24.60	24.49	24.61		
10	64QAM	1	49	24.38	24.51	24.59	24.41	24.56		
10	64QAM	25	0	23.23	23.26	23.51	23.31	23.36	25	2
10	64QAM	25	12	23.29	23.27	23.41	23.17	23.32		
10	64QAM	25	25	23.25	23.12	23.45	23.19	23.38		
10	64QAM	50	0	23.14	23.16	23.35	23.25	23.25		
10	256QAM	1	0	21.45	21.46	21.56	21.35	21.48	23	4
10	256QAM	1	25	21.29	21.34	21.51	21.37	21.46		
10	256QAM	1	49	21.26	21.25	21.47	21.33	21.42		
10	256QAM	25	0	21.33	21.29	21.44	21.25	21.41	23	4
10	256QAM	25	12	21.21	21.11	21.32	21.16	21.33		
10	256QAM	25	25	21.11	21.14	21.27	21.11	21.29		
10	256QAM	50	0	21.04	21.04	21.24	21.09	21.18		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	25.37	25.39	25.54	25.38	25.47	27.00	0
5	QPSK	1	12	25.22	25.27	25.44	25.26	25.43		
5	QPSK	1	24	25.15	25.21	25.39	25.19	25.29		
5	QPSK	12	0	25.20	25.27	25.38	25.21	25.32	27	0
5	QPSK	12	7	25.17	25.25	25.32	25.23	25.22		
5	QPSK	12	13	25.09	25.17	25.28	25.07	25.23		
5	QPSK	25	0	25.10	25.04	25.35	25.12	25.17		
5	16QAM	1	0	25.09	25.19	25.32	25.18	25.23	27	0
5	16QAM	1	12	25.15	25.00	25.27	25.05	25.22		
5	16QAM	1	24	25.07	25.02	25.25	25.04	25.16		
5	16QAM	12	0	24.22	24.35	24.43	24.28	24.41	26	1
5	16QAM	12	7	24.24	24.18	24.44	24.12	24.36		
5	16QAM	12	13	24.11	24.13	24.32	24.16	24.35		
5	16QAM	25	0	24.18	24.16	24.30	24.05	24.18		
5	64QAM	1	0	24.50	24.63	24.72	24.45	24.72	26	1
5	64QAM	1	12	24.46	24.43	24.68	24.39	24.60		
5	64QAM	1	24	24.45	24.41	24.58	24.42	24.53		
5	64QAM	12	0	23.24	23.31	23.46	23.31	23.31	25	2
5	64QAM	12	7	23.20	23.29	23.44	23.24	23.42		
5	64QAM	12	13	23.31	23.11	23.45	23.25	23.37		
5	64QAM	25	0	23.11	23.21	23.33	23.19	23.29		
5	256QAM	1	0	21.38	21.34	21.57	21.39	21.48	23	4
5	256QAM	1	12	21.33	21.36	21.50	21.28	21.49		
5	256QAM	1	24	21.23	21.29	21.49	21.37	21.39		
5	256QAM	12	0	21.34	21.29	21.40	21.28	21.32	23	4
5	256QAM	12	7	21.16	21.18	21.33	21.11	21.33		
5	256QAM	12	13	21.14	21.13	21.33	21.12	21.31		
5	256QAM	25	0	21.01	21.06	21.21	21.03	21.16		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	23.72	23.88	23.79	23.66	24	0
20	QPSK	1	49	23.56	23.76	23.61	23.54		
20	QPSK	1	99	23.56	23.65	23.58	23.60		
20	QPSK	50	0	23.64	23.74	23.57	23.53	24	0
20	QPSK	50	24	23.48	23.66	23.49	23.50		
20	QPSK	50	50	23.49	23.49	23.45	23.37		
20	QPSK	100	0	23.52	23.68	23.59	23.48		
20	16QAM	1	0	23.67	23.84	23.73	23.52	24	0
20	16QAM	1	49	23.65	23.74	23.66	23.62		
20	16QAM	1	99	23.64	23.66	23.64	23.49		
20	16QAM	50	0	23.16	23.38	23.28	23.15	23.5	0.5
20	16QAM	50	24	23.12	23.25	23.23	23.08		
20	16QAM	50	50	23.09	23.14	23.14	23.10		
20	16QAM	100	0	23.27	23.44	23.36	23.13		
20	64QAM	1	0	23.14	23.36	23.23	23.13	23.5	0.5
20	64QAM	1	49	23.14	23.17	23.14	23.07		
20	64QAM	1	99	23.16	23.21	23.11	23.06		
20	64QAM	50	0	22.19	22.39	22.29	22.08	22.5	1.5
20	64QAM	50	24	22.18	22.24	22.25	22.16		
20	64QAM	50	50	22.16	22.15	22.15	22.08		
20	64QAM	100	0	22.26	22.35	22.30	22.18		
20	256QAM	1	0	20.01	20.20	20.01	19.94	20.5	3.5
20	256QAM	1	49	19.97	20.20	19.96	19.91		
20	256QAM	1	99	19.94	20.07	19.96	19.87		
20	256QAM	50	0	20.32	20.46	20.33	20.16	20.5	3.5
20	256QAM	50	24	20.30	20.36	20.33	20.14		
20	256QAM	50	50	20.22	20.28	20.25	20.18		
20	256QAM	100	0	20.43	20.34	20.40	20.34		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	23.58	23.83	23.65	23.60	24	0
15	QPSK	1	37	23.49	23.62	23.51	23.42		
15	QPSK	1	74	23.52	23.51	23.50	23.51		
15	QPSK	36	0	23.54	23.69	23.49	23.42	24	0
15	QPSK	36	20	23.33	23.62	23.35	23.37		
15	QPSK	36	39	23.38	23.44	23.40	23.34		
15	QPSK	75	0	23.44	23.64	23.52	23.38		
15	16QAM	1	0	23.52	23.76	23.59	23.40	24	0
15	16QAM	1	37	23.51	23.60	23.62	23.51		
15	16QAM	1	74	23.59	23.51	23.50	23.45		
15	16QAM	36	0	23.05	23.31	23.14	23.01	23.5	0.5
15	16QAM	36	20	23.01	23.10	23.18	22.96		
15	16QAM	36	39	22.96	23.04	23.03	23.00		
15	16QAM	75	0	23.24	23.31	23.27	23.10		
15	64QAM	1	0	23.10	23.29	23.15	23.00	23.5	0.5
15	64QAM	1	37	23.04	23.12	23.06	22.98		
15	64QAM	1	74	23.02	23.13	23.01	22.99		
15	64QAM	36	0	22.07	22.24	22.16	21.97	22.5	1.5
15	64QAM	36	20	22.12	22.11	22.14	22.02		
15	64QAM	36	39	22.12	22.10	22.05	21.97		
15	64QAM	75	0	22.15	22.26	22.24	22.04		
15	256QAM	1	0	19.95	20.10	19.88	19.86	20.5	3.5
15	256QAM	1	37	19.91	20.13	19.92	19.78		
15	256QAM	1	74	19.85	19.93	19.86	19.76		
15	256QAM	36	0	20.23	20.38	20.29	20.11	20.5	3.5
15	256QAM	36	20	20.16	20.25	20.29	20.02		
15	256QAM	36	39	20.16	20.18	20.14	20.10		
15	256QAM	75	0	20.36	20.31	20.37	20.30		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	23.65	23.74	23.67	23.61	24	0
10	QPSK	1	25	23.49	23.70	23.49	23.47		
10	QPSK	1	49	23.43	23.56	23.48	23.55		
10	QPSK	25	0	23.53	23.61	23.50	23.47	24	0
10	QPSK	25	12	23.40	23.54	23.45	23.42		
10	QPSK	25	25	23.45	23.37	23.31	23.27		
10	QPSK	50	0	23.40	23.62	23.53	23.44		
10	16QAM	1	0	23.59	23.80	23.65	23.46	24	0
10	16QAM	1	25	23.51	23.64	23.62	23.47		
10	16QAM	1	49	23.54	23.56	23.60	23.42		
10	16QAM	25	0	23.08	23.32	23.14	23.07	23.5	0.5
10	16QAM	25	12	23.05	23.19	23.08	23.04		
10	16QAM	25	25	23.01	22.99	23.04	23.03		
10	16QAM	50	0	23.12	23.35	23.27	23.09		
10	64QAM	1	0	23.00	23.29	23.14	22.99	23.5	0.5
10	64QAM	1	25	23.07	23.06	23.10	23.03		
10	64QAM	1	49	23.10	23.06	22.98	22.97		
10	64QAM	25	0	22.12	22.30	22.21	22.00	22.5	1.5
10	64QAM	25	12	22.06	22.12	22.16	22.13		
10	64QAM	25	25	22.13	22.11	22.06	21.93		
10	64QAM	50	0	22.20	22.25	22.20	22.15		
10	256QAM	1	0	19.87	20.05	19.92	19.84	20.5	3.5
10	256QAM	1	25	19.86	20.07	19.91	19.87		
10	256QAM	1	49	19.87	19.93	19.89	19.84		
10	256QAM	25	0	20.20	20.37	20.22	20.04	20.5	3.5
10	256QAM	25	12	20.18	20.30	20.24	20.07		
10	256QAM	25	25	20.17	20.17	20.17	20.07		
10	256QAM	50	0	20.31	20.40	20.32	20.29		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	23.67	23.77	23.66	23.54	24	0
5	QPSK	1	12	23.43	23.69	23.50	23.45		
5	QPSK	1	24	23.53	23.59	23.55	23.55		
5	QPSK	12	0	23.56	23.71	23.48	23.45	24	0
5	QPSK	12	7	23.44	23.60	23.38	23.36		
5	QPSK	12	13	23.41	23.35	23.31	23.29		
5	QPSK	25	0	23.44	23.59	23.45	23.43		
5	16QAM	1	0	23.53	23.73	23.69	23.49	24	0
5	16QAM	1	12	23.53	23.66	23.57	23.55		
5	16QAM	1	24	23.55	23.61	23.49	23.40		
5	16QAM	12	0	23.02	23.29	23.24	23.00	23.5	0.5
5	16QAM	12	7	22.99	23.15	23.16	23.01		
5	16QAM	12	13	23.04	23.05	23.10	23.01		
5	16QAM	25	0	23.13	23.30	23.30	23.00		
5	64QAM	1	0	23.02	23.32	23.19	23.06	23.5	0.5
5	64QAM	1	12	23.03	23.08	23.04	22.97		
5	64QAM	1	24	23.09	23.17	23.08	22.98		
5	64QAM	12	0	22.05	22.28	22.17	22.03	22.5	1.5
5	64QAM	12	7	22.14	22.17	22.21	22.11		
5	64QAM	12	13	22.04	22.07	22.06	22.02		
5	64QAM	25	0	22.21	22.26	22.26	22.13		
5	256QAM	1	0	19.91	20.05	19.93	19.84	20.5	3.5
5	256QAM	1	12	19.84	20.17	19.89	19.81		
5	256QAM	1	24	19.80	19.98	19.89	19.77		
5	256QAM	12	0	20.27	20.37	20.19	20.08	20.5	3.5
5	256QAM	12	7	20.21	20.23	20.28	20.07		
5	256QAM	12	13	20.13	20.19	20.21	20.04		
5	256QAM	25	0	20.32	20.47	20.36	20.30		

	GSM1900 Ant2	Default							
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		28.25	28.33	28.19	29.00	19.25	19.33	19.19	20.00
GPRS 1 Tx slot		28.23	28.28	28.13	29.00	19.23	19.28	19.13	20.00
GPRS 2 Tx slots		25.46	25.53	25.40	26.50	19.46	19.53	19.40	20.50
GPRS 3 Tx slots		23.98	24.13	24.00	25.00	19.72	19.87	19.74	20.74
GPRS 4 Tx slots		21.95	22.09	21.96	23.00	18.95	19.09	18.96	20.00
EDGE 1 Tx slot		23.59	23.64	23.61	24.50	14.59	14.64	14.61	15.50
EDGE 2 Tx slots		21.96	22.03	21.92	23.00	15.96	16.03	15.92	17.00
EDGE 3 Tx slots		20.78	20.85	20.70	21.50	16.52	16.59	16.44	17.24
EDGE 4 Tx slots		18.71	18.74	18.68	19.50	15.71	15.74	15.68	16.50

		WCDMA II Ant2				WCDMA IV Ant2			
Band		WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	18.03	18.19	18.10	19.20	20.87	20.89	20.83	21.70
3GPP Rel 99	RMC 12.2Kbps	18.23	18.25	18.17	19.20	20.89	20.96	20.91	21.70
3GPP Rel 6	HSDPA Subtest-1	17.23	17.22	16.99	18.20	19.95	20.04	19.99	20.70
3GPP Rel 6	HSDPA Subtest-2	17.14	17.25	17.15	18.20	19.89	20.07	19.80	20.70
3GPP Rel 6	HSDPA Subtest-3	16.58	16.72	16.59	17.70	19.35	19.45	19.40	20.20
3GPP Rel 6	HSDPA Subtest-4	16.58	16.78	16.67	17.70	19.43	19.47	19.40	20.20
3GPP Rel 8	DC-HSDPA Subtest-1	17.14	17.29	17.13	18.20	19.85	19.97	19.80	20.70
3GPP Rel 8	DC-HSDPA Subtest-2	16.84	17.05	16.84	18.20	19.74	19.83	19.72	20.70
3GPP Rel 8	DC-HSDPA Subtest-3	16.38	16.49	16.54	17.70	19.26	19.30	19.23	20.20
3GPP Rel 8	DC-HSDPA Subtest-4	16.48	16.53	16.44	17.70	19.16	19.33	19.24	20.20
3GPP Rel 6	HSUPA Subtest-1	17.17	17.23	17.28	18.20	19.86	20.08	19.97	20.70
3GPP Rel 6	HSUPA Subtest-2	15.15	15.13	15.00	16.20	17.85	17.89	17.82	18.70
3GPP Rel 6	HSUPA Subtest-3	16.18	16.13	16.17	17.20	18.95	18.87	18.86	19.70
3GPP Rel 6	HSUPA Subtest-4	15.16	15.09	15.05	16.20	17.75	17.86	17.69	18.70
3GPP Rel 6	HSUPA Subtest-5	17.09	17.28	17.08	18.20	19.81	19.99	19.89	20.70

Band 2 DSI2_Simultaneous Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	18.25	18.32	18.29	20	0
20	QPSK	1	49	18.17	18.30	18.21		
20	QPSK	1	99	18.13	18.26	18.18		
20	QPSK	50	0	18.13	18.24	18.20		
20	QPSK	50	24	18.12	18.17	18.20	20	0
20	QPSK	50	50	18.08	18.20	18.18		
20	QPSK	100	0	18.14	18.17	18.16		
20	16QAM	1	0	18.15	18.28	18.16		
20	16QAM	1	49	18.14	18.19	18.21	20	0
20	16QAM	1	99	18.13	18.17	18.17		
20	16QAM	50	0	18.13	18.26	18.18		
20	16QAM	50	24	18.06	18.17	18.18	20	0
20	16QAM	50	50	18.08	18.20	18.18		
20	16QAM	100	0	18.11	18.16	18.17		
20	64QAM	1	0	18.12	18.19	18.20		
20	64QAM	1	49	18.04	18.17	18.09	20	0
20	64QAM	1	99	18.09	18.26	18.14		
20	64QAM	50	0	18.05	18.16	18.09		
20	64QAM	50	24	18.03	18.13	18.09	20	0
20	64QAM	50	50	18.00	18.14	18.01		
20	64QAM	100	0	18.12	18.12	18.03		
20	256QAM	1	0	18.07	18.24	18.07		
20	256QAM	1	49	18.05	18.20	17.99	19	1
20	256QAM	1	99	18.02	18.08	18.02		
20	256QAM	50	0	18.01	18.11	17.98		
20	256QAM	50	24	17.86	17.96	17.86	19	1
20	256QAM	50	50	17.86	17.95	17.86		
20	256QAM	100	0	17.82	17.99	17.90		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	18.22	18.30	18.22		
15	QPSK	1	37	18.14	18.23	18.17	20	0
15	QPSK	1	74	18.17	18.18	18.23		
15	QPSK	36	0	18.04	18.21	18.17		
15	QPSK	36	20	18.05	18.12	18.18	20	0
15	QPSK	36	39	18.03	18.17	18.13		
15	QPSK	75	0	18.11	18.15	18.15		
15	16QAM	1	0	18.06	18.21	18.12		
15	16QAM	1	37	18.05	18.12	18.17	20	0
15	16QAM	1	74	18.08	18.10	18.13		
15	16QAM	36	0	18.06	18.21	18.13		
15	16QAM	36	20	18.00	18.11	18.16	20	0
15	16QAM	36	39	18.01	18.13	18.09		
15	16QAM	75	0	18.04	18.14	18.12		
15	64QAM	1	0	18.05	18.15	18.16		
15	64QAM	1	37	18.03	18.15	18.02	20	0
15	64QAM	1	74	18.07	18.19	18.09		
15	64QAM	36	0	18.04	18.12	18.02		
15	64QAM	36	20	18.01	18.04	18.03	20	0
15	64QAM	36	39	18.01	18.13	18.05		
15	64QAM	75	0	18.09	18.10	18.07		
15	256QAM	1	0	18.00	18.10	18.00		
15	256QAM	1	37	18.00	18.11	17.88	19	1
15	256QAM	1	74	17.96	17.99	17.92		
15	256QAM	36	0	17.93	18.00	17.88		
15	256QAM	36	20	17.71	17.91	17.82	19	1
15	256QAM	36	39	17.83	17.90	17.82		
15	256QAM	75	0	17.77	17.92	17.86		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	18.23	18.25	18.26		
10	QPSK	1	25	18.10	18.28	18.20	20	0
10	QPSK	1	49	18.14	18.23	18.22		
10	QPSK	25	0	18.12	18.22	18.16		
10	QPSK	25	12	18.06	18.11	18.15	20	0
10	QPSK	25	25	18.07	18.15	18.11		
10	QPSK	50	0	18.09	18.09	18.11		
10	16QAM	1	0	18.12	18.22	18.09		
10	16QAM	1	25	18.12	18.12	18.17	20	0
10	16QAM	1	49	18.06	18.11	18.12		
10	16QAM	25	0	18.08	18.18	18.12		
10	16QAM	25	12	18.04	18.11	18.17	20	0
10	16QAM	25	25	18.03	18.16	18.10		
10	16QAM	50	0	18.07	18.10	18.12		
10	64QAM	1	0	18.08	18.18	18.17		
10	64QAM	1	25	18.01	18.15	18.05	20	0
10	64QAM	1	49	18.02	18.24	18.09		
10	64QAM	25	0	18.07	18.12	18.02		
10	64QAM	25	12	18.02	18.09	18.05	20	0
10	64QAM	25	25	18.03	18.06	18.03		
10	64QAM	50	0	18.03	18.09	18.01		
10	256QAM	1	0	18.02	18.10	17.98		
10	256QAM	1	25	17.99	18.11	17.87	19	1
10	256QAM	1	49	17.94	18.01	17.97		
10	256QAM	25	0	17.96	18.06	17.83		
10	256QAM	25	12	17.78	17.96	17.81	19	1
10	256QAM	25	25	17.81	17.85	17.80		
10	256QAM	50	0	17.72	17.95	17.86		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	18.23	18.28	18.21		
5	QPSK	1	12	18.14	18.23	18.20	20	0
5	QPSK	1	24	18.17	18.23	18.16		
5	QPSK	12	0	18.05	18.16	18.19		
5	QPSK	12	7	18.09	18.13	18.13	20	0
5	QPSK	12	13	18.06	18.14	18.14		
5	QPSK	25	0	18.09	18.14	18.12		
5	16QAM	1	0	18.08	18.26	18.08		
5	16QAM	1	12	18.08	18.13	18.15	20	0
5	16QAM	1	24	18.06	18.10	18.13		
5	16QAM	12	0	18.11	18.19	18.13		
5	16QAM	12	7	18.00	18.09	18.15	20	0
5	16QAM	12	13	18.06	18.13	18.14		
5	16QAM	25	0	18.02	18.12	18.09		
5	64QAM	1	0	18.10	18.12	18.18		
5	64QAM	1	12	18.00	18.15	18.06	20	0
5	64QAM	1	24	18.07	18.22	18.07		
5	64QAM	12	0	18.02	18.09	18.03		
5	64QAM	12	7	18.01	18.10	18.07	20	0
5	64QAM	12	13	18.02	18.10	18.00		
5	64QAM	25	0	18.11	18.05	18.02		
5	256QAM	1	0	18.00	18.15	17.94		
5	256QAM	1	12	18.01	18.16	17.92	19	1
5	256QAM	1	24	17.93	17.96	17.91		
5	256QAM	12	0	17.92	18.03	17.86		
5	256QAM	12	7	17.80	17.92	17.81	19	1
5	256QAM	12	13	17.75	17.80	17.79		
5	256QAM	25	0	17.71	17.88	17.82		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	18.17	18.29	18.28		
3	QPSK	1	8	18.09	18.26	18.14	20	0
3	QPSK	1	14	18.16	18.20	18.18		
3	QPSK	8	0	18.07	18.16	18.14		
3	QPSK	8	4	18.06	18.14	18.12	20	0
3	QPSK	8	7	18.06	18.16	18.09		
3	QPSK	15	0	18.11	18.13	18.08		
3	16QAM	1	0	18.06	18.24	18.09		
3	16QAM	1	8	18.08	18.16	18.20	20	0
3	16QAM	1	14	18.07	18.11	18.12		
3	16QAM	8	0	18.07	18.22	18.13		
3	16QAM	8	4	18.03	18.14	18.12	20	0
3	16QAM	8	7	18.01	18.17	18.16		
3	16QAM	15	0	18.10	18.08	18.15		
3	64QAM	1	0	18.10	18.18	18.16		
3	64QAM	1	8	18.14	18.08	18.03	20	0
3	64QAM	1	14	18.07	18.22	18.09		
3	64QAM	8	0	18.02	18.12	18.02		
3	64QAM	8	4	18.14	18.11	18.07	20	0
3	64QAM	8	7	18.14	18.10	18.03		
3	64QAM	15	0	18.04	18.04	18.03		
3	256QAM	1	0	18.00	18.12	17.99		
3	256QAM	1	8	18.00	18.13	17.89	19	1
3	256QAM	1	14	17.93	17.98	17.95		
3	256QAM	8	0	17.92	18.07	17.94		
3	256QAM	8	4	17.78	17.82	17.76	19	1
3	256QAM	8	7	17.82	17.90	17.80		
3	256QAM	15	0	17.76	17.91	17.82		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	18.17	18.30	18.20		
1.4	QPSK	1	3	18.10	18.22	18.13		
1.4	QPSK	1	5	18.18	18.19	18.22	20	0
1.4	QPSK	3	0	18.08	18.18	18.12		
1.4	QPSK	3	1	18.05	18.10	18.16		
1.4	QPSK	3	3	18.06	18.15	18.09		
1.4	QPSK	6	0	18.12	18.09	18.12	20	0
1.4	16QAM	1	0	18.08	18.26	18.15		
1.4	16QAM	1	3	18.07	18.13	18.16		
1.4	16QAM	1	5	18.06	18.10	18.14	20	0
1.4	16QAM	3	0	18.11	18.19	18.10		
1.4	16QAM	3	1	18.12	18.14	18.12		
1.4	16QAM	3	3	18.00	18.15	18.15		
1.4	16QAM	6	0	18.08	18.09	18.11	20	0
1.4	64QAM	1	0	18.06	18.16	18.17		
1.4	64QAM	1	3	18.03	18.09	18.03		
1.4	64QAM	1	5	18.04	18.20	18.11	20	0
1.4	64QAM	3	0	18.09	18.10	18.07		
1.4	64QAM	3	1	18.09	18.06	18.03		
1.4	64QAM	3	3	18.18	18.06	18.09		
1.4	64QAM	6	0	18.07	18.05	18.18	20	0
1.4	256QAM	1	0	17.95	18.10	17.93		
1.4	256QAM	1	3	17.95	18.18	17.89		
1.4	256QAM	1	5	17.92	17.97	17.97	19	1
1.4	256QAM	3	0	17.97	17.96	17.84		
1.4	256QAM	3	1	17.83	17.91	17.72		
1.4	256QAM	3	3	17.81	17.89	17.77		
1.4	256QAM	6	0	17.71	17.92	17.78	19	1

Band 4 Default Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	21.16	21.30	21.12	22	0
20	QPSK	1	49	20.99	21.11	20.94		
20	QPSK	1	99	20.98	21.14	20.88		
20	QPSK	50	0	21.06	21.19	21.02		
20	QPSK	50	24	21.00	21.10	20.99	22	0
20	QPSK	50	50	20.98	20.97	20.94		
20	QPSK	100	0	21.02	21.16	21.06		
20	16QAM	1	0	21.08	21.26	21.10		
20	16QAM	1	49	21.03	21.17	21.02	22	0
20	16QAM	1	99	20.95	21.10	21.05		
20	16QAM	50	0	21.12	21.24	21.15		
20	16QAM	50	24	20.99	21.06	21.05	22	0
20	16QAM	50	50	20.96	21.05	20.97		
20	16QAM	100	0	21.06	21.21	21.05		
20	64QAM	1	0	21.01	21.21	21.05		
20	64QAM	1	49	21.03	21.08	21.02	22	0
20	64QAM	1	99	20.90	21.03	20.99		
20	64QAM	50	0	19.92	20.03	19.90		
20	64QAM	50	24	19.83	19.90	19.81	21	1
20	64QAM	50	50	19.82	19.79	19.75		
20	64QAM	100	0	19.87	19.94	19.95		
20	256QAM	1	0	18.06	18.26	18.17		
20	256QAM	1	49	18.03	18.26	18.10	19	3
20	256QAM	1	99	18.05	18.06	18.00		
20	256QAM	50	0	17.94	18.15	18.02		
20	256QAM	50	24	17.96	17.99	17.98	19	3
20	256QAM	50	50	17.87	17.97	17.86		
20	256QAM	100	0	17.92	18.05	17.89		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	21.01	21.25	20.98		
15	QPSK	1	37	20.87	21.07	20.82	22	0
15	QPSK	1	74	20.90	21.07	20.83		
15	QPSK	36	0	20.95	21.07	20.93		
15	QPSK	36	20	20.88	21.03	20.92	22	0
15	QPSK	36	39	20.89	21.07	20.84		
15	QPSK	75	0	20.92	21.07	20.99		
15	16QAM	1	0	20.94	21.15	21.03		
15	16QAM	1	37	21.00	21.03	20.94	22	0
15	16QAM	1	74	20.81	20.97	20.87		
15	16QAM	36	0	21.03	21.10	21.02		
15	16QAM	36	20	20.89	21.02	21.00	22	0
15	16QAM	36	39	20.83	21.01	20.94		
15	16QAM	75	0	20.92	21.06	20.98		
15	64QAM	1	0	20.96	21.14	20.91		
15	64QAM	1	37	20.95	21.04	20.94	22	0
15	64QAM	1	74	20.80	21.00	20.91		
15	64QAM	36	0	19.88	20.00	19.80		
15	64QAM	36	20	19.72	19.88	19.74	21	1
15	64QAM	36	39	19.74	19.66	19.60		
15	64QAM	75	0	19.75	19.80	19.87		
15	256QAM	1	0	18.00	18.17	18.03		
15	256QAM	1	37	17.94	18.16	18.07	19	3
15	256QAM	1	74	17.90	17.96	17.95		
15	256QAM	36	0	17.81	18.01	17.92		
15	256QAM	36	20	17.83	17.88	17.94	19	3
15	256QAM	36	39	17.80	17.93	17.89		
15	256QAM	75	0	17.80	17.96	17.79		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	21.02	21.16	21.04		
10	QPSK	1	25	20.95	20.98	20.83	22	0
10	QPSK	1	49	20.94	20.96	20.73		
10	QPSK	25	0	20.91	21.16	20.91		
10	QPSK	25	12	20.95	20.99	20.90	22	0
10	QPSK	25	25	20.83	20.84	20.80		
10	QPSK	50	0	20.91	21.12	20.92		
10	16QAM	1	0	21.01	21.16	20.99		
10	16QAM	1	25	20.93	21.10	20.98	22	0
10	16QAM	1	49	20.86	21.01	20.92		
10	16QAM	25	0	21.00	21.18	21.09		
10	16QAM	25	12	20.84	21.02	20.98	22	0
10	16QAM	25	25	20.82	20.99	20.89		
10	16QAM	50	0	20.93	21.06	21.02		
10	64QAM	1	0	20.99	21.15	20.98		
10	64QAM	1	25	20.97	21.01	20.88	22	0
10	64QAM	1	49	20.81	20.96	20.89		
10	64QAM	25	0	19.83	19.90	19.87		
10	64QAM	25	12	19.69	19.86	19.68	21	1
10	64QAM	25	25	19.74	19.64	19.69		
10	64QAM	50	0	19.76	19.86	19.82		
10	256QAM	1	0	18.03	18.16	18.05		
10	256QAM	1	25	17.89	18.18	18.04	19	3
10	256QAM	1	49	17.94	17.91	17.90		
10	256QAM	25	0	17.83	18.02	17.91		
10	256QAM	25	12	17.87	17.81	17.89	19	3
10	256QAM	25	25	17.78	17.90	17.82		
10	256QAM	50	0	17.81	17.95	17.85		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	21.04	21.24	21.03		
5	QPSK	1	12	20.96	21.03	20.87	22	0
5	QPSK	1	24	20.91	21.07	20.84		
5	QPSK	12	0	20.93	21.06	20.98		
5	QPSK	12	7	20.94	21.03	20.90	22	0
5	QPSK	12	13	20.94	20.87	20.86		
5	QPSK	25	0	20.92	21.08	20.93		
5	16QAM	1	0	21.04	21.17	21.04		
5	16QAM	1	12	20.93	21.01	20.91	22	0
5	16QAM	1	24	20.85	20.96	20.91		
5	16QAM	12	0	20.99	21.16	21.03		
5	16QAM	12	7	20.87	20.91	20.93	22	0
5	16QAM	12	13	20.89	20.96	20.93		
5	16QAM	25	0	20.91	21.13	20.93		
5	64QAM	1	0	20.99	21.06	20.97		
5	64QAM	1	12	20.97	20.96	20.94	22	0
5	64QAM	1	24	20.82	20.87	20.82		
5	64QAM	12	0	19.82	19.89	19.87		
5	64QAM	12	7	19.73	19.82	19.76	21	1
5	64QAM	12	13	19.74	19.73	19.67		
5	64QAM	25	0	19.75	19.84	19.82		
5	256QAM	1	0	18.00	18.18	18.11		
5	256QAM	1	12	17.88	18.18	18.04	19	3
5	256QAM	1	24	17.95	17.95	17.89		
5	256QAM	12	0	17.87	18.03	17.90		
5	256QAM	12	7	17.93	17.92	17.88	19	3
5	256QAM	12	13	17.82	17.84	17.79		
5	256QAM	25	0	17.86	18.01	17.74		
Channel				19950	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	21.04	21.17	21.03		
3	QPSK	1	8	20.87	21.01	20.80	22	0
3	QPSK	1	14	20.90	21.06	20.81		
3	QPSK	8	0	21.00	21.15	20.91		
3	QPSK	8	4	20.90	21.02	20.87	22	0
3	QPSK	8	7	20.84	20.85	20.83		
3	QPSK	15	0	20.87	21.03	20.99		
3	16QAM	1	0	20.95	21.22	20.97		
3	16QAM	1	8	20.96	21.06	20.99	22	0
3	16QAM	1	14	20.90	21.01	21.00		
3	16QAM	8	0	21.03	21.20	21.04		
3	16QAM	8	4	20.89	20.96	20.94	22	0
3	16QAM	8	7	20.93	20.91	20.83		
3	16QAM	15	0	21.03	21.15	21.00		
3	64QAM	1	0	21.03	21.15	21.02		
3	64QAM	1	8	20.99	20.95	20.92	22	0
3	64QAM	1	14	20.80	20.97	20.85		
3	64QAM	8	0	19.79	19.95	19.78		
3	64QAM	8	4	19.79	19.82	19.78	21	1
3	64QAM	8	7	19.75	19.67	19.67		
3	64QAM	15	0	19.80	19.84	19.81		
3	256QAM	1	0	18.02	18.14	18.10		
3	256QAM	1	8	17.91	18.17	17.96	19	3
3	256QAM	1	14	17.99	17.94	17.97		
3	256QAM	8	0	17.81	18.00	17.91		
3	256QAM	8	4	17.88	17.93	17.90	19	3
3	256QAM	8	7	17.83	17.83	17.82		
3	256QAM	15	0	17.82	17.99	17.82		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	21.08	21.16	21.06		
1.4	QPSK	1	3	20.94	21.02	20.90		
1.4	QPSK	1	5	20.84	21.05	20.78	22	0
1.4	QPSK	3	0	20.95	21.10	20.91		
1.4	QPSK	3	1	20.94	20.97	20.87		
1.4	QPSK	3	3	20.95	20.83	20.87		
1.4	QPSK	6	0	20.90	21.10	20.95	22	0
1.4	16QAM	1	0	21.04	21.22	20.97		
1.4	16QAM	1	3	20.96	21.09	20.94		
1.4	16QAM	1	5	20.90	21.04	20.93	22	0
1.4	16QAM	3	0	21.03	21.12	21.02		
1.4	16QAM	3	1	20.88	21.00	20.97		
1.4	16QAM	3	3	20.83	20.93	20.89		
1.4	16QAM	6	0	20.98	21.17	20.92	22	0
1.4	64QAM	1	0	21.04	21.12	20.99		
1.4	64QAM	1	3	20.91	21.05	20.88		
1.4	64QAM	1	5	20.82	20.93	20.94	22	0
1.4	64QAM	3	0	20.95	21.08	20.95		
1.4	64QAM	3	1	21.05	21.11	20.93		
1.4	64QAM	3	3	20.98	20.96	20.98		
1.4	64QAM	6	0	19.70	19.90	19.73	21	1
1.4	256QAM	1	0	18.02	18.18	18.09		
1.4	256QAM	1	3	17.94	18.16	17.97		
1.4	256QAM	1	5	18.01	17.97	17.94	19	3
1.4	256QAM	3	0	17.84	18.11	17.95		
1.4	256QAM	3	1	17.93	17.94	17.92		
1.4	256QAM	3	3	17.75	17.92	17.82		
1.4	256QAM	6	0	17.88	17.90	17.82	19	3

Band 5 Default Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.11	22.16	22.07	23	0
10	QPSK	1	25	21.94	22.03	21.89		
10	QPSK	1	49	21.85	22.00	21.78		
10	QPSK	25	0	21.94	22.15	21.96		
10	QPSK	25	12	21.85	22.00	21.88	23	0
10	QPSK	25	25	21.93	21.86	21.84		
10	QPSK	50	0	21.97	22.06	21.95		
10	16QAM	1	0	21.97	22.14	22.07		
10	16QAM	1	25	21.93	22.14	21.92	23	0
10	16QAM	1	49	21.81	21.95	21.93		
10	16QAM	25	0	22.06	22.09	22.11		
10	16QAM	25	12	21.93	21.98	21.91	23	0
10	16QAM	25	25	21.84	22.01	21.85		
10	16QAM	50	0	21.98	22.07	22.00		

Band 12 Default Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	22.51	22.59	22.50	24	0
10	QPSK	1	25	22.40	22.42	22.31		
10	QPSK	1	49	22.26	22.40	22.18		
10	QPSK	25	0	22.40	22.55	22.40	24	0
10	QPSK	25	12	22.30	22.45	22.27		
10	QPSK	25	25	22.29	22.32	22.24		
10	QPSK	50	0	22.34	22.41	22.37		
10	16QAM	1	0	22.41	22.51	22.53	24	0
10	16QAM	1	25	22.39	22.52	22.38		
10	16QAM	1	49	22.18	22.40	22.39		
10	16QAM	25	0	22.51	22.52	22.54	24	0
10	16QAM	25	12	22.29	22.41	22.35		
10	16QAM	25	25	22.27	22.36	22.30		
10	16QAM	50	0	22.40	22.51	22.38	24	0
10	64QAM	1	0	22.40	22.44	22.34		
10	64QAM	1	25	22.39	22.41	22.32		
10	64QAM	1	49	22.14	22.41	22.29		
10	64QAM	25	0	21.24	21.36	21.17	22.5	1.5
10	64QAM	25	12	21.13	21.21	21.06		
10	64QAM	25	25	21.09	21.06	21.04		
10	64QAM	50	0	21.25	21.30	21.19		
10	256QAM	1	0	19.32	19.60	19.48	21	3
10	256QAM	1	25	19.35	19.58	19.51		
10	256QAM	1	49	19.34	19.36	19.43		
10	256QAM	25	0	19.24	19.45	19.44	21	3
10	256QAM	25	12	19.34	19.28	19.32		
10	256QAM	25	25	19.12	19.28	19.19		
10	256QAM	50	0	19.26	19.33	19.17		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.43	22.48	22.39	24	0
5	QPSK	1	12	22.33	22.28	22.20		
5	QPSK	1	24	22.14	22.40	22.04		
5	QPSK	12	0	22.29	22.50	22.37	24	0
5	QPSK	12	7	22.25	22.31	22.15		
5	QPSK	12	13	22.24	22.26	22.17		
5	QPSK	25	0	22.22	22.27	22.32		
5	16QAM	1	0	22.35	22.48	22.38	24	0
5	16QAM	1	12	22.25	22.45	22.27		
5	16QAM	1	24	22.08	22.30	22.33		
5	16QAM	12	0	22.47	22.43	22.51	24	0
5	16QAM	12	7	22.18	22.28	22.25		
5	16QAM	12	13	22.15	22.25	22.24		
5	16QAM	25	0	22.37	22.43	22.23		
5	64QAM	1	0	22.25	22.39	22.29	24	0
5	64QAM	1	12	22.29	22.37	22.28		
5	64QAM	1	24	22.05	22.32	22.21		
5	64QAM	12	0	21.17	21.31	21.05	22.5	1.5
5	64QAM	12	7	21.02	21.15	20.97		
5	64QAM	12	13	21.02	20.92	20.89		
5	64QAM	25	0	21.13	21.16	21.15		
5	256QAM	1	0	19.21	19.48	19.38	21	3
5	256QAM	1	12	19.20	19.48	19.48		
5	256QAM	1	24	19.25	19.28	19.33		
5	256QAM	12	0	19.11	19.35	19.38	21	3
5	256QAM	12	7	19.20	19.15	19.26		
5	256QAM	12	13	19.02	19.20	19.12		
5	256QAM	25	0	19.12	19.22	19.09		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.40	22.52	22.46	24	0
3	QPSK	1	8	22.33	22.37	22.26		
3	QPSK	1	14	22.11	22.43	22.08		
3	QPSK	8	0	22.32	22.48	22.29	24	0
3	QPSK	8	4	22.19	22.34	22.21		
3	QPSK	8	7	22.21	22.18	22.11		
3	QPSK	15	0	22.21	22.37	22.25		
3	16QAM	1	0	22.26	22.39	22.46	24	0
3	16QAM	1	8	22.31	22.38	22.32		
3	16QAM	1	14	22.05	22.26	22.32		
3	16QAM	8	0	22.37	22.41	22.40	24	0
3	16QAM	8	4	22.18	22.33	22.29		
3	16QAM	8	7	22.13	22.29	22.16		
3	16QAM	15	0	22.36	22.39	22.25		
3	64QAM	1	0	22.27	22.31	22.21	24	0
3	64QAM	1	8	22.34	22.38	22.28		
3	64QAM	1	14	22.06	22.28	22.20		
3	64QAM	8	0	21.12	21.27	21.02	22.5	1.5
3	64QAM	8	4	21.04	21.12	20.95		
3	64QAM	8	7	20.98	21.00	20.99		
3	64QAM	15	0	21.19	21.24	21.12		
3	256QAM	1	0	19.29	19.45	19.41	21	3
3	256QAM	1	8	19.27	19.51	19.37		
3	256QAM	1	14	19.24	19.31	19.35		
3	256QAM	8	0	19.10	19.31	19.36	21	3
3	256QAM	8	4	19.24	19.15	19.17		
3	256QAM	8	7	19.09	19.23	19.09		
3	256QAM	15	0	19.20	19.26	19.12		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.41	22.54	22.38	24	0
1.4	QPSK	1	3	22.30	22.28	22.27		
1.4	QPSK	1	5	22.20	22.42	22.04		
1.4	QPSK	3	0	22.34	22.50	22.28		
1.4	QPSK	3	1	22.20	22.39	22.23		
1.4	QPSK	3	3	22.17	22.20	22.20		
1.4	QPSK	6	0	22.23	22.34	22.32	24	0
1.4	16QAM	1	0	22.32	22.45	22.40	24	0
1.4	16QAM	1	3	22.28	22.47	22.25		
1.4	16QAM	1	5	22.04	22.37	22.33		
1.4	16QAM	3	0	22.47	22.47	22.40		
1.4	16QAM	3	1	22.25	22.31	22.25		
1.4	16QAM	3	3	22.17	22.32	22.25		
1.4	16QAM	6	0	22.26	22.43	22.35	24	0
1.4	64QAM	1	0	22.35	22.37	22.29	24	0
1.4	64QAM	1	3	22.25	22.29	22.26		
1.4	64QAM	1	5	22.01	22.33	22.19		
1.4	64QAM	3	0	22.38	22.38	22.40		
1.4	64QAM	3	1	22.16	22.32	22.22		
1.4	64QAM	3	3	22.15	22.29	22.21		
1.4	64QAM	6	0	21.19	21.29	21.11	22.5	1.5
1.4	256QAM	1	0	19.26	19.57	19.36	21	3
1.4	256QAM	1	3	19.22	19.55	19.47		
1.4	256QAM	1	5	19.26	19.22	19.35		
1.4	256QAM	3	0	19.10	19.34	19.30		
1.4	256QAM	3	1	19.21	19.18	19.19		
1.4	256QAM	3	3	19.08	19.20	19.14		
1.4	256QAM	6	0	19.17	19.23	19.09	21	3

Band 13 Ant2 DSI2 Simultaneous Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		22.53		23.6	0
10	QPSK	1	25		22.40			
10	QPSK	1	49		22.43			
10	QPSK	25	0		22.45		23.6	0
10	QPSK	25	12		22.35			
10	QPSK	25	25		22.26			
10	QPSK	50	0		22.32			
10	16QAM	1	0		22.48		23.6	0
10	16QAM	1	25		22.47			
10	16QAM	1	49		22.40			
10	16QAM	25	0		22.44		23.6	0
10	16QAM	25	12		22.35			
10	16QAM	25	25		22.26			
10	16QAM	50	0		22.45			
10	64QAM	1	0		22.38		23.6	0
10	64QAM	1	25		22.42			
10	64QAM	1	49		22.41			
10	64QAM	25	0		21.30		22.5	1.1
10	64QAM	25	12		21.20			
10	64QAM	25	25		21.04			
10	64QAM	50	0		21.26			
10	256QAM	1	0		19.60		21	2.6
10	256QAM	1	25		19.59			
10	256QAM	1	49		19.30			
10	256QAM	25	0		19.42		21	2.6
10	256QAM	25	12		19.26			
10	256QAM	25	25		19.24			
10	256QAM	50	0		19.28			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.47	22.50	22.44	23.6	0
5	QPSK	1	12	22.33	22.35	22.39		
5	QPSK	1	24	22.34	22.44	22.44		
5	QPSK	12	0	22.41	22.37	22.40	23.6	0
5	QPSK	12	7	22.25	22.26	22.28		
5	QPSK	12	13	22.23	22.21	22.21		
5	QPSK	25	0	22.22	22.30	22.30		
5	16QAM	1	0	22.42	22.46	22.43	23.6	0
5	16QAM	1	12	22.38	22.44	22.46		
5	16QAM	1	24	22.34	22.33	22.41		
5	16QAM	12	0	22.41	22.41	22.40	23.6	0
5	16QAM	12	7	22.31	22.33	22.31		
5	16QAM	12	13	22.17	22.25	22.19		
5	16QAM	25	0	22.41	22.47	22.46		
5	64QAM	1	0	22.31	22.30	22.29	23.6	0
5	64QAM	1	12	22.37	22.42	22.35		
5	64QAM	1	24	22.33	22.32	22.35		
5	64QAM	12	0	21.28	21.27	21.25	22.5	1.1
5	64QAM	12	7	21.11	21.20	21.17		
5	64QAM	12	13	20.96	20.97	21.01		
5	64QAM	25	0	21.17	21.25	21.28		
5	256QAM	1	0	19.52	19.51	19.53	21	2.6
5	256QAM	1	12	19.49	19.53	19.50		
5	256QAM	1	24	19.25	19.29	19.24		
5	256QAM	12	0	19.36	19.43	19.35	21	2.6
5	256QAM	12	7	19.22	19.24	19.26		
5	256QAM	12	13	19.17	19.20	19.17		
5	256QAM	25	0	19.27	19.18	19.30		

Band 14 Ant2 DSI2 Simultaneous Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23330			
Frequency (MHz)					793			
10	QPSK	1	0		22.62		23.6	0
10	QPSK	1	25		22.47			
10	QPSK	1	49		22.51			
10	QPSK	25	0		22.50		23.6	0
10	QPSK	25	12		22.36			
10	QPSK	25	25		22.35			
10	QPSK	50	0		22.44			
10	16QAM	1	0		22.49		23.6	0
10	16QAM	1	25		22.48			
10	16QAM	1	49		22.49			
10	16QAM	25	0		22.52		23.6	0
10	16QAM	25	12		22.41			
10	16QAM	25	25		22.28			
10	16QAM	50	0		22.56			
10	64QAM	1	0		22.41		23.6	0
10	64QAM	1	25		22.49			
10	64QAM	1	49		22.45			
10	64QAM	25	0		21.32		22.5	1.1
10	64QAM	25	12		21.22			
10	64QAM	25	25		21.08			
10	64QAM	50	0		21.29			
10	256QAM	1	0		19.62		21	2.6
10	256QAM	1	25		19.68			
10	256QAM	1	49		19.31			
10	256QAM	25	0		19.48		21	2.6
10	256QAM	25	12		19.29			
10	256QAM	25	25		19.33			
10	256QAM	50	0		19.37			
Channel				23305	23330	23355	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	0	22.51	22.57	22.47	23.6	0
5	QPSK	1	12	22.32	22.33	22.36		
5	QPSK	1	24	22.45	22.42	22.46		
5	QPSK	12	0	22.39	22.43	22.41	23.6	0
5	QPSK	12	7	22.27	22.30	22.31		
5	QPSK	12	13	22.30	22.23	22.25		
5	QPSK	25	0	22.32	22.37	22.37		
5	16QAM	1	0	22.41	22.37	22.40	23.6	0
5	16QAM	1	12	22.39	22.38	22.39		
5	16QAM	1	24	22.44	22.44	22.41		
5	16QAM	12	0	22.43	22.48	22.49	23.6	0
5	16QAM	12	7	22.27	22.28	22.35		
5	16QAM	12	13	22.18	22.21	22.25		
5	16QAM	25	0	22.42	22.48	22.50		
5	64QAM	1	0	22.28	22.37	22.28	23.6	0
5	64QAM	1	12	22.41	22.40	22.45		
5	64QAM	1	24	22.38	22.41	22.39		
5	64QAM	12	0	21.21	21.27	21.20	22.5	1.1
5	64QAM	12	7	21.08	21.18	21.13		
5	64QAM	12	13	21.01	21.02	21.02		
5	64QAM	25	0	21.16	21.15	21.18		
5	256QAM	1	0	19.51	19.52	19.57	21	2.6
5	256QAM	1	12	19.64	19.60	19.58		
5	256QAM	1	24	19.21	19.16	19.27		
5	256QAM	12	0	19.44	19.33	19.34	21	2.6
5	256QAM	12	7	19.20	19.22	19.14		
5	256QAM	12	13	19.21	19.29	19.20		
5	256QAM	25	0	19.31	19.33	19.24		

Band 17 Default Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	22.45	22.48	22.41	24	0
10	QPSK	1	25	22.38	22.29	22.34		
10	QPSK	1	49	22.31	22.34	22.40		
10	QPSK	25	0	22.35	22.39	22.31	24	0
10	QPSK	25	12	22.18	22.24	22.23		
10	QPSK	25	25	22.21	22.23	22.17		
10	QPSK	50	0	22.29	22.31	22.24		
10	16QAM	1	0	22.30	22.35	22.32	24	0
10	16QAM	1	25	22.28	22.38	22.39		
10	16QAM	1	49	22.17	22.31	22.30		
10	16QAM	25	0	22.34	22.42	22.32	24	0
10	16QAM	25	12	22.32	22.22	22.31		
10	16QAM	25	25	22.13	22.10	22.08		
10	16QAM	50	0	22.36	22.41	22.43	24	0
10	64QAM	1	0	22.27	22.30	22.32		
10	64QAM	1	25	22.31	22.35	22.33		
10	64QAM	1	49	22.30	22.35	22.27		
10	64QAM	25	0	21.21	21.20	21.23	22.5	1.5
10	64QAM	25	12	21.05	21.11	21.05		
10	64QAM	25	25	20.89	20.96	20.98		
10	64QAM	50	0	21.21	21.13	21.12		
10	256QAM	1	0	19.46	19.48	19.43	21	3
10	256QAM	1	25	19.60	19.57	19.50		
10	256QAM	1	49	19.23	19.32	19.27		
10	256QAM	25	0	19.33	19.30	19.34	21	3
10	256QAM	25	12	19.10	19.20	19.21		
10	256QAM	25	25	19.14	19.16	19.20		
10	256QAM	50	0	19.19	19.17	19.28		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.39	22.45	22.29	24	0
5	QPSK	1	12	22.34	22.16	22.20		
5	QPSK	1	24	22.17	22.26	22.32		
5	QPSK	12	0	22.27	22.28	22.17	24	0
5	QPSK	12	7	22.08	22.12	22.12		
5	QPSK	12	13	22.16	22.15	22.04		
5	QPSK	25	0	22.20	22.21	22.14		
5	16QAM	1	0	22.21	22.26	22.18	24	0
5	16QAM	1	12	22.28	22.25	22.27		
5	16QAM	1	24	22.27	22.24	22.28		
5	16QAM	12	0	22.25	22.28	22.23	24	0
5	16QAM	12	7	22.19	22.12	22.24		
5	16QAM	12	13	22.08	22.01	22.01		
5	16QAM	25	0	22.21	22.34	22.31		
5	64QAM	1	0	22.22	22.19	22.19	24	0
5	64QAM	1	12	22.24	22.29	22.25		
5	64QAM	1	24	22.27	22.23	22.18		
5	64QAM	12	0	21.14	21.08	21.11	22.5	1.5
5	64QAM	12	7	20.99	21.00	20.95		
5	64QAM	12	13	20.83	20.84	20.85		
5	64QAM	25	0	21.12	21.00	20.99		
5	256QAM	1	0	19.33	19.39	19.36	21	3
5	256QAM	1	12	19.53	19.47	19.35		
5	256QAM	1	24	19.09	19.19	19.24		
5	256QAM	12	0	19.26	19.21	19.24	21	3
5	256QAM	12	7	19.06	19.12	19.10		
5	256QAM	12	13	19.07	19.06	19.06		
5	256QAM	25	0	19.08	19.04	19.19		

Band 25 DSI2_Simultaneous Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1880	1880	1905		
20	QPSK	1	0	18.74	18.84	18.80		
20	QPSK	1	49	18.76	18.83	18.74	20	0
20	QPSK	1	99	18.70	18.77	18.75		
20	QPSK	50	0	18.72	18.82	18.66		
20	QPSK	50	24	18.70	18.70	18.64	20	0
20	QPSK	50	50	18.56	18.66	18.59		
20	QPSK	100	0	18.59	18.78	18.69		
20	16QAM	1	0	18.73	18.71	18.56		
20	16QAM	1	49	18.60	18.66	18.56	20	0
20	16QAM	1	99	18.71	18.77	18.55		
20	16QAM	50	0	18.61	18.81	18.66		
20	16QAM	50	24	18.57	18.80	18.61	20	0
20	16QAM	50	50	18.63	18.77	18.76		
20	16QAM	100	0	18.53	18.64	18.66		
20	64QAM	1	0	18.53	18.65	18.63		
20	64QAM	1	49	18.58	18.73	18.73	20	0
20	64QAM	1	99	18.72	18.70	18.59		
20	64QAM	50	0	18.61	18.72	18.64		
20	64QAM	50	24	18.59	18.65	18.60	20	0
20	64QAM	50	50	18.59	18.67	18.54		
20	64QAM	100	0	18.57	18.61	18.60		
20	256QAM	1	0	18.39	18.66	18.44		
20	256QAM	1	49	18.44	18.71	18.49	20	0
20	256QAM	1	99	18.40	18.45	18.44		
20	256QAM	50	0	18.50	18.64	18.48		
20	256QAM	50	24	18.44	18.45	18.49	20	0
20	256QAM	50	50	18.29	18.48	18.39		
20	256QAM	100	0	18.48	18.60	18.40		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	18.62	18.79	18.69		
15	QPSK	1	37	18.69	18.70	18.61	20	0
15	QPSK	1	74	18.63	18.65	18.66		
15	QPSK	36	0	18.64	18.79	18.53		
15	QPSK	36	20	18.63	18.59	18.60	20	0
15	QPSK	36	39	18.49	18.57	18.45		
15	QPSK	75	0	18.51	18.66	18.66		
15	16QAM	1	0	18.65	18.63	18.43		
15	16QAM	1	37	18.49	18.59	18.45	20	0
15	16QAM	1	74	18.60	18.69	18.47		
15	16QAM	36	0	18.48	18.76	18.54		
15	16QAM	36	20	18.47	18.77	18.47	20	0
15	16QAM	36	39	18.52	18.66	18.67		
15	16QAM	75	0	18.45	18.54	18.54		
15	64QAM	1	0	18.45	18.59	18.59		
15	64QAM	1	37	18.48	18.66	18.64	20	0
15	64QAM	1	74	18.63	18.66	18.53		
15	64QAM	36	0	18.50	18.64	18.60		
15	64QAM	36	20	18.48	18.53	18.50	20	0
15	64QAM	36	39	18.54	18.56	18.48		
15	64QAM	75	0	18.49	18.52	18.55		
15	256QAM	1	0	18.29	18.55	18.36		
15	256QAM	1	37	18.42	18.58	18.36	20	0
15	256QAM	1	74	18.38	18.32	18.34		
15	256QAM	36	0	18.40	18.52	18.39		
15	256QAM	36	20	18.37	18.40	18.47	20	0
15	256QAM	36	39	18.16	18.46	18.39		
15	256QAM	75	0	18.39	18.58	18.30		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	18.61	18.81	18.69		
10	QPSK	1	25	18.72	18.79	18.64	20	0
10	QPSK	1	49	18.58	18.65	18.61		
10	QPSK	25	0	18.66	18.69	18.58		
10	QPSK	25	12	18.60	18.61	18.58	20	0
10	QPSK	25	25	18.53	18.58	18.56		
10	QPSK	50	0	18.46	18.65	18.57		
10	16QAM	1	0	18.64	18.61	18.47		
10	16QAM	1	25	18.56	18.56	18.50	20	0
10	16QAM	1	49	18.58	18.69	18.43		
10	16QAM	25	0	18.48	18.78	18.60		
10	16QAM	25	12	18.44	18.70	18.56	20	0
10	16QAM	25	25	18.53	18.74	18.66		
10	16QAM	50	0	18.47	18.50	18.52		
10	64QAM	1	0	18.47	18.58	18.54		
10	64QAM	1	25	18.53	18.70	18.59	20	0
10	64QAM	1	49	18.68	18.60	18.45		
10	64QAM	25	0	18.47	18.64	18.56		
10	64QAM	25	12	18.52	18.52	18.53	20	0
10	64QAM	25	25	18.46	18.65	18.47		
10	64QAM	50	0	18.53	18.56	18.50		
10	256QAM	1	0	18.36	18.57	18.31		
10	256QAM	1	25	18.36	18.62	18.38	20	0
10	256QAM	1	49	18.31	18.37	18.37		
10	256QAM	25	0	18.47	18.53	18.39		
10	256QAM	25	12	18.32	18.35	18.39	20	0
10	256QAM	25	25	18.18	18.43	18.25		
10	256QAM	50	0	18.38	18.46	18.31		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	18.61	18.79	18.73		
5	QPSK	1	12	18.67	18.71	18.65	20	0
5	QPSK	1	24	18.62	18.70	18.65		
5	QPSK	12	0	18.68	18.75	18.58		
5	QPSK	12	7	18.64	18.64	18.51	20	0
5	QPSK	12	13	18.45	18.58	18.55		
5	QPSK	25	0	18.54	18.65	18.61		
5	16QAM	1	0	18.64	18.58	18.46		
5	16QAM	1	12	18.52	18.58	18.52	20	0
5	16QAM	1	24	18.58	18.70	18.45		
5	16QAM	12	0	18.56	18.79	18.63		
5	16QAM	12	7	18.55	18.74	18.53	20	0
5	16QAM	12	13	18.57	18.74	18.64		
5	16QAM	25	0	18.48	18.51	18.57		
5	64QAM	1	0	18.49	18.51	18.59		
5	64QAM	1	12	18.52	18.63	18.70	20	0
5	64QAM	1	24	18.68	18.66	18.52		
5	64QAM	12	0	18.48	18.68	18.53		
5	64QAM	12	7	18.49	18.62	18.47	20	0
5	64QAM	12	13	18.47	18.57	18.44		
5	64QAM	25	0	18.46	18.50	18.55		
5	256QAM	1	0	18.31	18.54	18.39		
5	256QAM	1	12	18.42	18.67	18.40	20	0
5	256QAM	1	24	18.34	18.34	18.40		
5	256QAM	12	0	18.36	18.60	18.38		
5	256QAM	12	7	18.30	18.33	18.47	20	0
5	256QAM	12	13	18.16	18.41	18.25		
5	256QAM	25	0	18.40	18.54	18.32		
Channel				26015	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	18.66	18.71	18.73		
3	QPSK	1	8	18.73	18.80	18.67	20	0
3	QPSK	1	14	18.61	18.66	18.61		
3	QPSK	8	0	18.64	18.76	18.62		
3	QPSK	8	4	18.62	18.65	18.52	20	0
3	QPSK	8	7	18.45	18.57	18.46		
3	QPSK	15	0	18.52	18.71	18.59		
3	16QAM	1	0	18.66	18.66	18.49		
3	16QAM	1	8	18.52	18.54	18.52	20	0
3	16QAM	1	14	18.58	18.64	18.43		
3	16QAM	8	0	18.55	18.77	18.56		
3	16QAM	8	4	18.49	18.71	18.50	20	0
3	16QAM	8	7	18.61	18.65	18.65		
3	16QAM	15	0	18.50	18.56	18.52		
3	64QAM	1	0	18.43	18.53	18.57		
3	64QAM	1	8	18.50	18.61	18.67	20	0
3	64QAM	1	14	18.62	18.60	18.52		
3	64QAM	8	0	18.59	18.64	18.50		
3	64QAM	8	4	18.56	18.54	18.54	20	0
3	64QAM	8	7	18.52	18.60	18.51		
3	64QAM	15	0	18.50	18.56	18.47		
3	256QAM	1	0	18.28	18.56	18.32		
3	256QAM	1	8	18.41	18.58	18.42	20	0
3	256QAM	1	14	18.32	18.41	18.34		
3	256QAM	8	0	18.45	18.57	18.44		
3	256QAM	8	4	18.39	18.38	18.42	20	0
3	256QAM	8	7	18.25	18.38	18.28		
3	256QAM	15	0	18.37	18.51	18.32		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	18.63	18.71	18.75		
1.4	QPSK	1	3	18.63	18.77	18.72		
1.4	QPSK	1	5	18.58	18.74	18.63	20	0
1.4	QPSK	3	0	18.67	18.79	18.64		
1.4	QPSK	3	1	18.59	18.59	18.54		
1.4	QPSK	3	3	18.51	18.57	18.54		
1.4	QPSK	6	0	18.55	18.65	18.63	20	0
1.4	16QAM	1	0	18.59	18.68	18.44		
1.4	16QAM	1	3	18.49	18.53	18.52		
1.4	16QAM	1	5	18.65	18.66	18.50	20	0
1.4	16QAM	3	0	18.52	18.80	18.57		
1.4	16QAM	3	1	18.53	18.69	18.55		
1.4	16QAM	3	3	18.50	18.69	18.66		
1.4	16QAM	6	0	18.47	18.54	18.53	20	0
1.4	64QAM	1	0	18.49	18.63	18.56		
1.4	64QAM	1	3	18.56	18.64	18.66		
1.4	64QAM	1	5	18.59	18.57	18.45	20	0
1.4	64QAM	3	0	18.59	18.61	18.59		
1.4	64QAM	3	1	18.48	18.58	18.51		
1.4	64QAM	3	3	18.56	18.58	18.48		
1.4	64QAM	6	0	18.45	18.48	18.52	20	0
1.4	256QAM	1	0	18.27	18.59	18.36		
1.4	256QAM	1	3	18.35	18.65	18.43		
1.4	256QAM	1	5	18.32	18.39	18.33	19	1
1.4	256QAM	3	0	18.36	18.51	18.38		
1.4	256QAM	3	1	18.37	18.32	18.44		
1.4	256QAM	3	3	18.22	18.36	18.30		
1.4	256QAM	6	0	18.41	18.51	18.28	19	1

Band 26 Default Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	22.20	22.24	22.17		
15	QPSK	1	37	22.18	22.07	22.14	23	0
15	QPSK	1	74	22.03	22.10	22.06		
15	QPSK	36	0	22.16	22.20	22.05		
15	QPSK	36	20	21.94	21.95	21.99	23	0
15	QPSK	36	39	21.92	21.94	21.91		
15	QPSK	75	0	21.99	22.05	22.02		
15	16QAM	1	0	22.09	22.08	22.10		
15	16QAM	1	37	22.09	22.18	22.18	23	0
15	16QAM	1	74	21.99	22.01	22.10		
15	16QAM	36	0	22.06	22.19	22.06		
15	16QAM	36	20	22.02	22.02	22.06	23	0
15	16QAM	36	39	21.88	21.91	21.87		
15	16QAM	75	0	22.06	22.12	22.04		
15	64QAM	1	0	21.97	22.02	22.07		
15	64QAM	1	37	22.09	22.09	22.04	23	0
15	64QAM	1	74	22.05	22.17	22.05		
15	64QAM	36	0	20.94	21.00	20.97		
15	64QAM	36	20	20.76	20.88	20.87	22	1
15	64QAM	36	39	20.65	20.78	20.80		
15	64QAM	75	0	20.86	20.93	20.78		
15	256QAM	1	0	19.22	19.23	19.24		
15	256QAM	1	37	19.38	19.35	19.25	20	3
15	256QAM	1	74	19.11	19.14	19.06		
15	256QAM	36	0	19.14	19.08	19.14		
15	256QAM	36	20	18.91	18.99	19.02	20	3
15	256QAM	36	39	18.98	18.97	18.99		
15	256QAM	75	0	18.98	18.93	19.05		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.14	22.20	22.10		
10	QPSK	1	25	22.12	22.03	22.08	23	0
10	QPSK	1	49	21.90	21.98	21.99		
10	QPSK	25	0	22.12	22.12	21.96		
10	QPSK	25	12	21.86	21.92	21.90	23	0
10	QPSK	25	25	21.83	21.84	21.81		
10	QPSK	50	0	21.94	21.95	21.92		
10	16QAM	1	0	22.04	22.01	22.05		
10	16QAM	1	25	22.03	22.09	22.09	23	0
10	16QAM	1	49	21.88	21.87	21.98		
10	16QAM	25	0	21.93	22.07	21.96		
10	16QAM	25	12	21.98	21.89	21.94	23	0
10	16QAM	25	25	21.83	21.80	21.82		
10	16QAM	50	0	21.95	21.99	21.90		
10	64QAM	1	0	21.83	21.93	22.00		
10	64QAM	1	25	21.99	22.01	21.90	23	0
10	64QAM	1	49	21.92	22.04	21.97		
10	64QAM	25	0	20.89	20.93	20.87		
10	64QAM	25	12	20.69	20.82	20.75	22	1
10	64QAM	25	25	20.51	20.72	20.71		
10	64QAM	50	0	20.83	20.76	20.79		
10	256QAM	1	0	19.09	19.18	19.17		
10	256QAM	1	25	19.30	19.28	19.20	20	3
10	256QAM	1	49	19.06	19.01	19.00		
10	256QAM	25	0	19.11	19.02	19.01		
10	256QAM	25	12	18.76	18.86	18.97	20	3
10	256QAM	25	25	18.76	18.91	18.88		
10	256QAM	50	0	18.94	18.80	19.01		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.12	22.13	22.13		
5	QPSK	1	12	22.08	22.00	22.02	23	0
5	QPSK	1	24	21.90	22.01	21.92		
5	QPSK	12	0	22.10	22.11	21.98		
5	QPSK	12	7	21.86	21.90	21.90	23	0
5	QPSK	12	13	21.82	21.90	21.83		
5	QPSK	25	0	21.86	21.96	21.90		
5	16QAM	1	0	21.96	22.04	21.99		
5	16QAM	1	12	21.96	22.14	22.14	23	0
5	16QAM	1	24	21.87	21.96	22.06		
5	16QAM	12	0	22.00	22.07	21.92		
5	16QAM	12	7	21.96	21.96	21.97	23	0
5	16QAM	12	13	21.82	21.85	21.77		
5	16QAM	25	0	22.03	22.05	22.00		
5	64QAM	1	0	21.86	21.95	22.01		
5	64QAM	1	12	21.97	21.98	21.90	23	0
5	64QAM	1	24	22.00	22.03	22.02		
5	64QAM	12	0	20.84	20.91	20.82		
5	64QAM	12	7	20.71	20.76	20.84	22	1
5	64QAM	12	13	20.53	20.73	20.71		
5	64QAM	25	0	20.90	20.78	20.77		
5	256QAM	1	0	19.17	19.18	19.09		
5	256QAM	1	12	19.31	19.31	19.18	20	3
5	256QAM	1	24	18.97	19.07	19.01		
5	256QAM	12	0	19.03	18.96	19.03		
5	256QAM	12	7	18.78	18.87	18.88	20	3
5	256QAM	12	13	18.78	18.93	18.93		
5	256QAM	25	0	18.94	18.78	18.97		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.11	22.11	22.09		
3	QPSK	1	8	22.09	22.01	22.09	23	0
3	QPSK	1	14	21.94	22.06	21.91		
3	QPSK	8	0	22.04	22.07	21.99		
3	QPSK	8	4	21.83	21.90	21.92	23	0
3	QPSK	8	7	21.78	21.90	21.87		
3	QPSK	15	0	21.87	21.94	21.89		
3	16QAM	1	0	21.95	22.03	21.97		
3	16QAM	1	8	21.98	22.05	22.04	23	0
3	16QAM	1	14	21.95	21.90	22.06		
3	16QAM	8	0	21.93	22.12	21.97		
3	16QAM	8	4	21.89	21.90	21.97	23	0
3	16QAM	8	7	21.76	21.77	21.73		
3	16QAM	15	0	21.99	21.99	21.92		
3	64QAM	1	0	21.92	21.94	21.94		
3	64QAM	1	8	22.02	21.96	21.89	23	0
3	64QAM	1	14	22.01	22.03	21.97		
3	64QAM	8	0	20.83	20.95	20.84		
3	64QAM	8	4	20.62	20.75	20.83	22	1
3	64QAM	8	7	20.58	20.65	20.75		
3	64QAM	15	0	20.89	20.78	20.74		
3	256QAM	1	0	19.14	19.12	19.17		
3	256QAM	1	8	19.23	19.30	19.13	20	3
3	256QAM	1	14	19.01	19.05	18.93		
3	256QAM	8	0	19.09	18.97	19.05		
3	256QAM	8	4	18.81	18.93	18.92	20	3
3	256QAM	8	7	18.79	18.83	18.94		
3	256QAM	15	0	18.94	18.81	18.93		
Channel				26667	26865	27063	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.07	22.10	22.11		
1.4	QPSK	1	3	22.11	21.96	22.09		
1.4	QPSK	1	5	21.90	21.99	21.97	23	0
1.4	QPSK	3	0	22.11	22.16	21.92		
1.4	QPSK	3	1	21.82	21.89	21.95		
1.4	QPSK	3	3	21.88	21.85	21.82		
1.4	QPSK	6	0	21.95	21.90	21.97	23	0
1.4	16QAM	1	0	21.97	21.97	21.97		
1.4	16QAM	1	3	21.97	22.08	22.10		
1.4	16QAM	1	5	21.87	21.94	21.97	23	0
1.4	16QAM	3	0	21.91	22.11	21.95		
1.4	16QAM	3	1	21.98	21.98	21.96		
1.4	16QAM	3	3	21.76	21.77	21.76		
1.4	16QAM	6	0	22.02	22.05	21.92	23	0
1.4	64QAM	1	0	21.86	21.95	22.03		
1.4	64QAM	1	3	22.03	22.03	21.97		
1.4	64QAM	1	5	22.00	22.07	21.96	23	0
1.4	64QAM	3	0	21.87	21.95	21.94		
1.4	64QAM	3	1	22.02	22.04	21.95		
1.4	64QAM	3	3	21.91	22.03	21.92		
1.4	64QAM	6	0	20.82	20.86	20.86	22	1
1.4	256QAM	1	0	19.12	19.11	19.13		
1.4	256QAM	1	3	19.20	19.24	19.17		
1.4	256QAM	1	5	19.01	19.03	18.94	20	3
1.4	256QAM	3	0	19.03	19.05	19.02		
1.4	256QAM	3	1	18.84	18.85	18.88		
1.4	256QAM	3	3	18.75	18.86	18.80		
1.4	256QAM	6	0	18.92	18.98	18.86	20	3

Band 30 DSI2_Simultaneous Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		12.99			
10	QPSK	1	25		12.96		14.1	0
10	QPSK	1	49		12.98			
10	QPSK	25	0		12.96			
10	QPSK	25	12		12.84		14.1	0
10	QPSK	25	25		12.68			
10	QPSK	50	0		12.81			
10	16QAM	1	0		12.82			
10	16QAM	1	25		12.77		14.1	0
10	16QAM	1	49		12.74			
10	16QAM	25	0		12.95			
10	16QAM	25	12		12.83		14.1	0
10	16QAM	25	25		12.89			
10	16QAM	50	0		12.72			
10	64QAM	1	0		12.81			
10	64QAM	1	25		12.83		14.1	0
10	64QAM	1	49		12.78			
10	64QAM	25	0		12.78			
10	64QAM	25	12		12.74		14.1	0
10	64QAM	25	25		12.79			
10	64QAM	50	0		12.76			
10	256QAM	1	0		12.81			
10	256QAM	1	25		12.82		14.1	0
10	256QAM	1	49		12.64			
10	256QAM	25	0		12.69			
10	256QAM	25	12		12.69		14.1	0
10	256QAM	25	25		12.56			
10	256QAM	50	0		12.64			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	12.88	12.92	12.84		
5	QPSK	1	12	12.87	12.92	12.83	14.1	0
5	QPSK	1	24	12.75	12.84	12.87		
5	QPSK	12	0	12.77	12.84	12.81		
5	QPSK	12	7	12.65	12.69	12.62	14.1	0
5	QPSK	12	13	12.63	12.72	12.65		
5	QPSK	25	0	12.72	12.76	12.67		
5	16QAM	1	0	12.66	12.70	12.63		
5	16QAM	1	12	12.58	12.71	12.57	14.1	0
5	16QAM	1	24	12.67	12.73	12.73		
5	16QAM	12	0	12.80	12.72	12.83		
5	16QAM	12	7	12.79	12.78	12.78	14.1	0
5	16QAM	12	13	12.69	12.72	12.77		
5	16QAM	25	0	12.57	12.69	12.64		
5	64QAM	1	0	12.72	12.71	12.75		
5	64QAM	1	12	12.65	12.71	12.61	14.1	0
5	64QAM	1	24	12.73	12.81	12.73		
5	64QAM	12	0	12.72	12.77	12.71		
5	64QAM	12	7	12.70	12.59	12.77	14.1	0
5	64QAM	12	13	12.59	12.65	12.66		
5	64QAM	25	0	12

Band 66 Default Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132222	132372		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	21.34	21.41	21.37	22	0
20	QPSK	1	49	21.22	21.30	21.23		
20	QPSK	1	99	21.12	21.23	21.18		
20	QPSK	50	0	21.22	21.35	21.22	22	0
20	QPSK	50	24	21.18	21.22	21.18		
20	QPSK	50	50	21.08	21.19	21.11		
20	QPSK	100	0	21.07	21.28	21.19		
20	16QAM	1	0	21.11	21.23	21.10	22	0
20	16QAM	1	49	21.07	21.14	21.00		
20	16QAM	1	99	20.97	21.03	20.94		
20	16QAM	50	0	21.07	21.20	21.12	22	0
20	16QAM	50	24	20.95	21.01	20.96		
20	16QAM	50	50	20.98	21.04	20.92		
20	16QAM	100	0	20.99	21.16	21.02		
20	64QAM	1	0	21.07	21.25	21.13	22	0
20	64QAM	1	49	21.00	21.10	21.03		
20	64QAM	1	99	21.03	21.04	21.03		
20	64QAM	50	0	19.88	20.08	19.90	20.5	1.5
20	64QAM	50	24	19.90	19.92	19.92		
20	64QAM	50	50	19.77	19.84	19.89		
20	64QAM	100	0	20.02	20.08	20.09		
20	256QAM	1	0	17.81	18.01	17.83	19	3
20	256QAM	1	49	17.75	18.01	17.79		
20	256QAM	1	99	17.79	17.79	17.74		
20	256QAM	50	0	17.85	18.00	17.82	19	3
20	256QAM	50	24	17.76	17.82	17.80		
20	256QAM	50	50	17.74	17.85	17.78		
20	256QAM	100	0	18.02	18.16	18.05		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	21.28	21.36	21.34	22	0
15	QPSK	1	37	21.14	21.18	21.18		
15	QPSK	1	74	21.06	21.19	21.14		
15	QPSK	36	0	21.16	21.20	21.09	22	0
15	QPSK	36	20	21.06	21.12	21.03		
15	QPSK	36	39	20.98	21.06	20.99		
15	QPSK	75	0	20.97	21.24	21.11		
15	16QAM	1	0	21.04	21.08	21.04	22	0
15	16QAM	1	37	21.04	21.06	20.86		
15	16QAM	1	74	20.92	21.00	20.82		
15	16QAM	36	0	21.04	21.14	21.03	22	0
15	16QAM	36	20	20.81	20.97	20.89		
15	16QAM	36	39	20.93	20.94	20.82		
15	16QAM	75	0	20.94	21.12	20.91		
15	64QAM	1	0	20.95	21.19	21.07	22	0
15	64QAM	1	37	20.96	21.04	20.99		
15	64QAM	1	74	20.99	20.95	20.95		
15	64QAM	36	0	19.82	19.99	19.86	20.5	1.5
15	64QAM	36	20	19.80	19.80	19.79		
15	64QAM	36	39	19.72	19.77	19.75		
15	64QAM	75	0	19.89	19.99	20.03		
15	256QAM	1	0	17.76	17.94	17.70	19	3
15	256QAM	1	37	17.68	17.87	17.68		
15	256QAM	1	74	17.72	17.74	17.65		
15	256QAM	36	0	17.82	17.90	17.72	19	3
15	256QAM	36	20	17.65	17.67	17.65		
15	256QAM	36	39	17.65	17.74	17.68		
15	256QAM	75	0	17.98	18.13	17.96		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	21.25	21.31	21.29	22	0
10	QPSK	1	25	21.13	21.24	21.10		
10	QPSK	1	49	20.99	21.20	21.04		
10	QPSK	25	0	21.17	21.28	21.11	22	0
10	QPSK	25	12	21.04	21.11	21.07		
10	QPSK	25	25	20.95	21.06	20.98		
10	QPSK	50	0	21.04	21.14	21.09		
10	16QAM	1	0	20.97	21.12	21.00	22	0
10	16QAM	1	25	20.98	21.10	20.87		
10	16QAM	1	49	20.88	20.95	20.86		
10	16QAM	25	0	21.02	21.12	21.09	22	0
10	16QAM	25	12	20.84	20.88	20.90		
10	16QAM	25	25	20.83	20.93	20.77		
10	16QAM	50	0	20.88	21.13	20.96		
10	64QAM	1	0	20.96	21.20	21.10	22	0
10	64QAM	1	25	20.96	21.03	20.98		
10	64QAM	1	49	20.98	20.90	20.92		
10	64QAM	25	0	19.77	20.02	19.84	20.5	1.5
10	64QAM	25	12	19.80	19.89	19.87		
10	64QAM	25	25	19.73	19.70	19.80		
10	64QAM	50	0	19.91	19.95	19.98		
10	256QAM	1	0	17.77	17.97	17.72	19	3
10	256QAM	1	25	17.64	17.96	17.66		
10	256QAM	1	49	17.67	17.67	17.65		
10	256QAM	25	0	17.78	17.94	17.68	19	3
10	256QAM	25	12	17.67	17.76	17.72		
10	256QAM	25	25	17.66	17.76	17.70		
10	256QAM	50	0	17.93	18.02	17.95		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	21.22	21.28	21.30	22	0
5	QPSK	1	12	21.15	21.20	21.12		
5	QPSK	1	24	20.98	21.16	21.07		
5	QPSK	12	0	21.12	21.24	21.14	22	0
5	QPSK	12	7	21.10	21.19	21.06		
5	QPSK	12	13	21.00	21.14	21.00		
5	QPSK	25	0	20.94	21.18	21.07		
5	16QAM	1	0	20.98	21.10	21.04	22	0
5	16QAM	1	12	20.99	21.07	20.96		
5	16QAM	1	24	20.93	20.90	20.83		
5	16QAM	12	0	20.93	21.14	21.00	22	0
5	16QAM	12	7	20.87	20.95	20.87		
5	16QAM	12	13	20.84	20.89	20.80		
5	16QAM	25	0	20.87	21.09	20.90		
5	64QAM	1	0	20.94	21.17	21.02	22	0
5	64QAM	1	12	20.91	21.06	20.89		
5	64QAM	1	24	20.99	21.00	20.95		
5	64QAM	12	0	19.82	19.98	19.85	20.5	1.5
5	64QAM	12	7	19.75	19.81	19.88		
5	64QAM	12	13	19.70	19.74	19.85		
5	64QAM	25	0	19.89	20.04	19.99		
5	256QAM	1	0	17.73	17.90	17.69	19	3
5	256QAM	1	12	17.62	17.95	17.71		
5	256QAM	1	24	17.66	17.71	17.65		
5	256QAM	12	0	17.73	17.86	17.75	19	3
5	256QAM	12	7	17.68	17.75	17.71		
5	256QAM	12	13	17.62	17.80	17.73		
5	256QAM	25	0	17.95	18.04	17.91		
Channel				131972	132222	132472	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	21.27	21.35	21.24	22	0
3	QPSK	1	8	21.18	21.25	21.11		
3	QPSK	1	14	21.06	21.13	21.10		
3	QPSK	8	0	21.07	21.27	21.14	22	0
3	QPSK	8	4	21.14	21.16	21.14		
3	QPSK	8	7	20.96	21.14	21.07		
3	QPSK	15	0	20.94	21.22	21.09		
3	16QAM	1	0	20.99	21.08	21.01	22	0
3	16QAM	1	8	20.92	21.02	20.85		
3	16QAM	1	14	20.89	20.90	20.81		
3	16QAM	8	0	20.94	21.11	21.05	22	0
3	16QAM	8	4	20.89	20.87	20.84		
3	16QAM	8	7	20.87	20.96	20.82		
3	16QAM	15	0	20.87	21.09	20.98		
3	64QAM	1	0	20.95	21.14	21.04	22	0
3	64QAM	1	8	20.89	21.07	20.89		
3	64QAM	1	14	20.95	20.99	20.92		
3	64QAM	8	0	19.77	19.97	19.77	20.5	1.5
3	64QAM	8	4	19.78	19.81	19.89		
3	64QAM	8	7	19.63	19.77	19.85		
3	64QAM	15	0	19.97	20.00	20.03		
3	256QAM	1	0	17.67	17.95	17.68	19	3
3	256QAM	1	8	17.63	17.88	17.73		
3	256QAM	1	14	17.76	17.75	17.83		
3	256QAM	8	0	17.82	17.86	17.75	19	3
3	256QAM	8	4	17.68	17.70	17.70		
3	256QAM	8	7	17.61	17.80	17.64		
3	256QAM	15	0	17.98	18.11	17.99		
Channel				131979	132222	132465	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	21.24	21.26	21.28	22	0
1.4	QPSK	1	3	21.08	21.17	21.18		
1.4	QPSK	1	5	20.98	21.15	21.14		
1.4	QPSK	3	0	21.09	21.28	21.09		
1.4	QPSK	3	1	21.07	21.17	21.10		
1.4	QPSK	3	3	20.96	21.09	21.07		
1.4	QPSK	6	0	21.03	21.22	21.12	22	0
1.4	16QAM	1	0	21.06	21.16	21.02	22	0
1.4	16QAM	1	3	20.94	21.10	20.97		
1.4	16QAM	1	5	20.84	20.98	20.87		
1.4	16QAM	3	0	20.93	21.06	21.03		
1.4	16QAM	3	1	20.87	20.97	20.90		
1.4	16QAM	3	3	20.85	20.98	20.87		
1.4	16QAM	6	0	20.95	21.10	20.96	22	0
1.4	64QAM	1	0	20.98	21.14	21.03	22	0
1.4	64QAM	1	3	20.93	21.05	20.88		
1.4	64QAM	1	5	20.91	20.94	20.90		
1.4	64QAM	3	0	20.94	21.08	21.04		
1.4	64QAM	3	1	20.89	20.93	20.84		
1.4	64QAM	3	3	20.84	20.98	20.84		
1.4	64QAM	6	0	19.83	20.02	19.87	22	0
1.4	256QAM	1	0	17.67	17.94	17.72	19	3
1.4	256QAM	1	3	17.61	17.88	17.75		
1.4	256QAM	1	5	17.75	17.66	17.70		
1.4	256QAM	3	0	17.77	17.93	17.74		
1.4	256QAM	3	1	17.75	17.79	17.70		
1.4	256QAM	3	3	17.65	17.80	17.64		
1.4	256QAM	6	0	17.96	18.11	18.05	19	3

Band 38 DSI2_Simultaneous Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	16.72	16.79	16.66	18.1	0
20	QPSK	1	49	16.68	16.70	16.62		
20	QPSK	1	99	16.65	16.76	16.61		
20	QPSK	50	0	16.59	16.75	16.63	18.1	0
20	QPSK	50	24	16.51	16.69	16.54		
20	QPSK	50	50	16.55	16.61	16.59		
20	QPSK	100	0	16.51	16.67	16.56		
20	16QAM	1	0	16.64	16.62	16.50	18.1	0
20	16QAM	1	49	16.50	16.58	16.49		
20	16QAM	1	99	16.57	16.57	16.50		
20	16QAM	50	0	16.56	16.68	16.58	18.1	0
20	16QAM	50	24	16.46	16.69	16.59		
20	16QAM	50	50	16.53	16.73	16.63		
20	16QAM	100	0	16.39	16.58	16.56		
20	64QAM	1	0	16.45	16.65	16.53	18.1	0
20	64QAM	1	49	16.50	16.57	16.59		
20	64QAM	1	99	16.49	16.63	16.50		
20	64QAM	50	0	16.56	16.67	16.54	18.1	0
20	64QAM	50	24	16.50	16.64	16.47		
20	64QAM	50	50	16.50	16.57	16.49		
20	64QAM	100	0	16.54	16.63	16.49		
20	256QAM	1	0	16.58	16.68	16.57	18.1	0
20	256QAM	1	49	16.49	16.65	16.52		
20	256QAM	1	99	16.53	16.62	16.56		
20	256QAM	50	0	16.54	16.63	16.51	18.1	0
20	256QAM	50	24	16.62	16.63	16.43		
20	256QAM	50	50	16.43	16.44	16.51		
20	256QAM	100	0	16.48	16.60	16.45		
Channel				37825	38000	38175	Tune-up limit	MPR
Frequency (MHz)				2577.5	2595	2612.5	(dBm)	(dB)
15	QPSK	1	0	16.65	16.72	16.61	18.1	0
15	QPSK	1	37	16.63	16.64	16.56		
15	QPSK	1	74	16.61	16.69	16.54		
15	QPSK	36	0	16.53	16.68	16.56	18.1	0
15	QPSK	36	20	16.48	16.62	16.48		
15	QPSK	36	39	16.48	16.58	16.51		
15	QPSK	75	0	16.43	16.58	16.50		
15	16QAM	1	0	16.57	16.56	16.41	18.1	0
15	16QAM	1	37	16.46	16.54	16.46		
15	16QAM	1	74	16.55	16.49	16.40		
15	16QAM	36	0	16.49	16.63	16.52	18.1	0
15	16QAM	36	20	16.43	16.63	16.49		
15	16QAM	36	39	16.50	16.66	16.58		
15	16QAM	75	0	16.30	16.54	16.54		
15	64QAM	1	0	16.41	16.59	16.49	18.1	0
15	64QAM	1	37	16.44	16.47	16.51		
15	64QAM	1	74	16.45	16.53	16.44		
15	64QAM	36	0	16.52	16.65	16.46	18.1	0
15	64QAM	36	20	16.42	16.60	16.40		
15	64QAM	36	39	16.42	16.54	16.39		
15	64QAM	75	0	16.48	16.53	16.43		
15	256QAM	1	0	16.48	16.63	16.54	18.1	0
15	256QAM	1	37	16.42	16.57	16.42		
15	256QAM	1	74	16.44	16.52	16.47		
15	256QAM	36	0	16.51	16.57	16.43	18.1	0
15	256QAM	36	20	16.59	16.55	16.36		
15	256QAM	36	39	16.36	16.39	16.46		
15	256QAM	75	0	16.39	16.54	16.38		
Channel				37800	38000	38200	Tune-up limit	MPR
Frequency (MHz)				2575	2595	2615	(dBm)	(dB)
10	QPSK	1	0	16.69	16.75	16.60	18.1	0
10	QPSK	1	25	16.59	16.63	16.58		
10	QPSK	1	49	16.59	16.69	16.57		
10	QPSK	25	0	16.49	16.69	16.56	18.1	0
10	QPSK	25	12	16.46	16.63	16.48		
10	QPSK	25	25	16.51	16.57	16.54		
10	QPSK	50	0	16.46	16.58	16.52		
10	16QAM	1	0	16.60	16.58	16.46	18.1	0
10	16QAM	1	25	16.42	16.50	16.46		
10	16QAM	1	49	16.50	16.49	16.47		
10	16QAM	25	0	16.53	16.60	16.53	18.1	0
10	16QAM	25	12	16.43	16.61	16.49		
10	16QAM	25	25	16.43	16.66	16.59		
10	16QAM	50	0	16.30	16.54	16.49		
10	64QAM	1	0	16.38	16.61	16.47	18.1	0
10	64QAM	1	25	16.44	16.50	16.54		
10	64QAM	1	49	16.41	16.57	16.42		
10	64QAM	25	0	16.50	16.62	16.47	18.1	0
10	64QAM	25	12	16.43	16.59	16.44		
10	64QAM	25	25	16.42	16.51	16.39		
10	64QAM	50	0	16.50	16.57	16.40		
10	256QAM	1	0	16.49	16.58	16.49	18.1	0
10	256QAM	1	25	16.43	16.61	16.43		
10	256QAM	1	49	16.43	16.54	16.48		
10	256QAM	25	0	16.48	16.58	16.43	18.1	0
10	256QAM	25	12	16.57	16.56	16.38		
10	256QAM	25	25	16.33	16.37	16.42		
10	256QAM	50	0	16.39	16.54	16.41		
Channel				37775	38000	38225	Tune-up limit	MPR
Frequency (MHz)				2572.5	2595	2617.5	(dBm)	(dB)
5	QPSK	1	0	16.63	16.71	16.57	18.1	0
5	QPSK	1	12	16.61	16.63	16.54		
5	QPSK	1	24	16.62	16.67	16.57		
5	QPSK	12	0	16.54	16.70	16.56	18.1	0
5	QPSK	12	7	16.43	16.63	16.52		
5	QPSK	12	13	16.47	16.56	16.52		
5	QPSK	25	0	16.48	16.65	16.50		
5	16QAM	1	0	16.56	16.54	16.43	18.1	0
5	16QAM	1	12	16.41	16.53	16.45		
5	16QAM	1	24	16.54	16.55	16.45		
5	16QAM	12	0	16.51	16.62	16.50	18.1	0
5	16QAM	12	7	16.42	16.67	16.55		
5	16QAM	12	13	16.46	16.70	16.61		
5	16QAM	25	0	16.32	16.50	16.52		
5	64QAM	1	0	16.37	16.59	16.47	18.1	0
5	64QAM	1	12	16.48	16.48	16.51		
5	64QAM	1	24	16.47	16.55	16.41		
5	64QAM	12	0	16.46	16.63	16.48	18.1	0
5	64QAM	12	7	16.46	16.57	16.38		
5	64QAM	12	13	16.46	16.55	16.41		
5	64QAM	25	0	16.48	16.57	16.40		
5	256QAM	1	0	16.53	16.59	16.50	18.1	0
5	256QAM	1	12	16.41	16.59	16.42		
5	256QAM	1	24	16.46	16.55	16.51		
5	256QAM	12	0	16.50	16.54	16.48	18.1	0
5	256QAM	12	7	16.53	16.61	16.37		
5	256QAM	12	13	16.36	16.36	16.43		
5	256QAM	25	0	16.43	16.54	16.39		

Band 41 FCC&IC PC3 DSI2_Simultaneous Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	16.70	16.81	16.90	16.74	16.71	18.1	0
20	QPSK	1	49	16.71	16.81	16.81	16.71	16.71		
20	QPSK	1	99	16.65	16.59	16.77	16.79	16.60		
20	QPSK	50	0	16.66	16.69	16.81	16.70	16.76	18.1	0
20	QPSK	50	24	16.54	16.54	16.74	16.51	16.60		
20	QPSK	50	50	16.66	16.52	16.68	16.56	16.54		
20	QPSK	100	0	16.60	16.66	16.79	16.59	16.69		
20	16QAM	1	0	16.68	16.75	16.66	16.53	16.63	18.1	0
20	16QAM	1	49	16.55	16.62	16.61	16.47	16.57		
20	16QAM	1	99	16.64	16.64	16.61	16.56	16.62		
20	16QAM	50	0	16.50	16.60	16.64	16.63	16.65	18.1	0
20	16QAM	50	24	16.61	16.53	16.71	16.54	16.58		
20	16QAM	50	50	16.52	16.61	16.59	16.56	16.58		
20	16QAM	100	0	16.53	16.58	16.75	16.59	16.53		
20	64QAM	1	0	16.59	16.53	16.69	16.55	16.59	18.1	0
20	64QAM	1	49	16.55	16.55	16.59	16.60	16.52		
20	64QAM	1	99	16.55	16.58	16.70	16.62	16.65		
20	64QAM	50	0	16.66	16.63	16.77	16.59	16.59	18.1	0
20	64QAM	50	24	16.65	16.47	16.70	16.64	16.47		
20	64QAM	50	50	16.49	16.59	16.59	16.66	16.50		
20	64QAM	100	0	16.51	16.60	16.56	16.58	16.56		
20	256QAM	1	0	16.56	16.57	16.62	16.59	16.52	18.1	0
20	256QAM	1	49	16.55	16.53	16.61	16.66	16.56		
20	256QAM	1	99	16.59	16.57	16.74	16.62	16.65		
20	256QAM	50	0	16.61	16.62	16.76	16.60	16.61	18.1	0
20	256QAM	50	24	16.59	16.54	16.67	16.56	16.56		
20	256QAM	50	50	16.52	16.50	16.59	16.64	16.50		
20	256QAM	100	0	16.52	16.52	16.63	16.59	16.65		
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	16.68	16.77	16.81	16.70	16.68	18.10	0
15	QPSK	1	37	16.65	16.77	16.73	16.63	16.63		
15	QPSK	1	74	16.62	16.53	16.68	16.71	16.53		
15	QPSK	36	0	16.60	16.60	16.72	16.62	16.73	18.1	0
15	QPSK	36	20	16.50	16.51	16.66	16.42	16.54		
15	QPSK	36	39	16.62	16.47	16.62	16.52	16.50		
15	QPSK	75	0	16.53	16.60	16.73	16.54	16.66		
15	16QAM	1	0	16.65	16.71	16.57	16.44	16.58	18.1	0
15	16QAM	1	37	16.46	16.56	16.59	16.40	16.53		
15	16QAM	1	74	16.54	16.57	16.54	16.50	16.56		
15	16QAM	36	0	16.48	16.51	16.60	16.53	16.58	18.1	0
15	16QAM	36	20	16.56	16.43	16.69	16.50	16.49		
15	16QAM	36	39	16.44	16.54	16.54	16.53	16.54		
15	16QAM	75	0	16.50	16.49	16.65	16.53	16.46		
15	64QAM	1	0	16.56	16.49	16.61	16.50	16.55	18.1	0
15	64QAM	1	37	16.47	16.46	16.55	16.57	16.49		
15	64QAM	1	74	16.46	16.55	16.67	16.57	16.57		
15	64QAM	36	0	16.64	16.60	16.73	16.54	16.51	18.1	0
15	64QAM	36	20	16.58	16.40	16.65	16.61	16.40		
15	64QAM	36	39	16.42	16.56	16.52	16.61	16.41		
15	64QAM	75	0	16.41	16.50	16.50	16.53	16.54		
15	256QAM	1	0	16.50	16.55	16.54	16.50	16.46	18.1	0
15	256QAM	1	37	16.46	16.44	16.57	16.61	16.49		
15	256QAM	1	74	16.54	16.50	16.69	16.55	16.57		
15	256QAM	36	0	16.52	16.56	16.67	16.53	16.51	18.1	0
15	256QAM	36	20	16.51	16.52	16.61	16.48	16.49		
15	256QAM	36	39	16.48	16.43	16.51	16.57	16.45		
15	256QAM	75	0	16.44	16.48	16.55	16.49	16.63		
Channel				39700	40160	40620	41080	41540	Tune-up limit	MPR
Frequency (MHz)				2501	2547	2593	2639	2685	(dBm)	(dB)
10	QPSK	1	0	16.65	16.73	16.83	16.70	16.62	18.10	0
10	QPSK	1	25	16.63	16.77	16.75	16.68	16.62		
10	QPSK	1	49	16.58	16.56	16.68	16.69	16.58		
10	QPSK	25	0	16.60	16.61	16.78	16.64	16.71	18.1	0
10	QPSK	25	12	16.49	16.44	16.70	16.42	16.57		
10	QPSK	25	25	16.62	16.45	16.65	16.54	16.52		
10	QPSK	50	0	16.52	16.59	16.75	16.53	16.65		
10	16QAM	1	0	16.60	16.66	16.64	16.49	16.57	18.1	0
10	16QAM	1	25	16.48	16.60	16.56	16.38	16.53		
10	16QAM	1	49	16.54	16.55	16.54	16.47	16.57		
10	16QAM	25	0	16.47	16.57	16.58	16.60	16.56	18.1	0
10	16QAM	25	12	16.58	16.47	16.64	16.48	16.50		
10	16QAM	25	25	16.44	16.51	16.51	16.46	16.54		
10	16QAM	50	0	16.51	16.55	16.70	16.50	16.46		
10	64QAM	1	0	16.52	16.47	16.63	16.45	16.56	18.1	0
10	64QAM	1	25	16.48	16.46	16.49	16.51	16.43		
10	64QAM	1	49	16.52	16.48	16.60	16.56	16.62		
10	64QAM	25	0	16.60	16.57	16.73	16.52	16.52	18.1	0
10	64QAM	25	12	16.62	16.45	16.61	16.54	16.43		
10	64QAM	25	25	16.41	16.51	16.55	16.63	16.42		
10	64QAM	50	0	16.43	16.51	16.51	16.48	16.48		
10	256QAM	1	0	16.53	16.47	16.53	16.51	16.48	18.1	0
10	256QAM	1	25	16.51	16.49	16.51	16.63	16.51		
10	256QAM	1	49	16.54	16.47	16.67	16.59	16.60		
10	256QAM	25	0	16.54	16.58	16.67	16.52	16.59	18.1	0
10	256QAM	25	12	16.51	16.51	16.64	16.48	16.52		
10	256QAM	25	25	16.44	16.41	16.53	16.60	16.46		
10	256QAM	50	0	16.47	16.48	16.58	16.56	16.62		
Channel				39675	40148	40620	41093	41565	Tune-up limit	MPR
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5	(dBm)	(dB)
5	QPSK	1	0	16.61	16.78	16.81	16.70	16.66	18.10	0
5	QPSK	1	12	16.65	16.75	16.75	16.67	16.64		
5	QPSK	1	24	16.59	16.52	16.73	16.77	16.52		
5	QPSK	12	0	16.57	16.59	16.73	16.61	16.72	18.1	0
5	QPSK	12	7	16.51	16.45	16.65	16.47	16.51		
5	QPSK	12	13	16.60	16.47	16.58	16.49	16.52		
5	QPSK	25	0	16.52	16.59	16.73	16.57	16.59		
5	16QAM	1	0	16.61	16.73	16.59	16.45	16.58	18.1	0
5	16QAM	1	12	16.47	16.59	16.55	16.44	16.54		
5	16QAM	1	24	16.60	16.54	16.53	16.53	16.55		
5	16QAM	12	0	16.41	16.52	16.58	16.58	16.56	18.1	0
5	16QAM	12	7	16.52	16.43	16.62	16.46	16.52		
5	16QAM	12	13	16.49	16.53	16.52	16.52	16.50		
5	16QAM	25	0	16.46	16.49	16.69	16.54	16.48		
5	64QAM	1	0	16.56	16.47	16.65	16.45	16.57	18.1	0
5	64QAM	1	12	16.51	16.50	16.53	16.54	16.44		
5	64QAM	1	24	16.47	16.55	16.60	16.55	16.61		
5	64QAM	12	0	16.62	16.56	16.75	16.55	16.53	18.1	0
5	64QAM	12	7	16.60	16.42	16.67	16.61	16.42		
5	64QAM	12	13	16.40	16.51	16.56	16.60	16.44		
5	64QAM	25	0	16.46	16.56	16.51	16.56	16.49		
5	256QAM	1	0	16.52	16.52	16.56	16.54	16.47	18.1	0
5	256QAM	1	12	16.50	16.43	16.53	16.59	16.50		
5	256QAM	1	24	16.51	16.52	16.65	16.58	16.59		
5	256QAM	12	0	16.57	16.52	16.67	16.57	16.57	18.1	0
5	256QAM	12	7	16.55	16.45	16.61	16.49	16.47		
5	256QAM	12	13	16.46	16.42	16.51	16.54	16.43		
5	256QAM	25	0	16.44	16.46	16.56	16.52	16.61		

Band 41 PC2 FCC&IC DSI2_Simultaneous Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	18.26	18.38	18.46	18.37	18.40	19.7	0
20	QPSK	1	49	18.29	18.35	18.29	18.35	18.25		
20	QPSK	1	99	18.16	18.38	18.39	18.27	18.25		
20	QPSK	50	0	18.20	18.25	18.40	18.24	18.37	19.7	0
20	QPSK	50	24	18.17	18.28	18.32	18.20	18.15		
20	QPSK	50	50	18.16	18.21	18.24	18.16	18.27		
20	QPSK	100	0	18.27	18.09	18.32	18.16	18.10		
20	16QAM	1	0	18.15	18.36	18.33	18.38	18.08	19.7	0
20	16QAM	1	49	18.10	18.12	18.18	18.08	18.17		
20	16QAM	1	99	18.22	18.19	18.16	18.23	18.11		
20	16QAM	50	0	18.24	18.21	18.45	18.14	18.22	19.7	0
20	16QAM	50	24	18.30	18.10	18.35	18.18	18.22		
20	16QAM	50	50	18.34	18.18	18.38	18.18	18.25		
20	16QAM	100	0	18.19	18.05	18.23	18.01	18.30		
20	64QAM	1	0	18.19	18.09	18.28	18.12	18.23	19.7	0
20	64QAM	1	49	18.14	18.12	18.26	18.14	18.27		
20	64QAM	1	99	18.10	18.26	18.25	18.14	18.17		
20	64QAM	50	0	18.17	18.13	18.36	18.26	18.22	19.7	0
20	64QAM	50	24	18.12	18.14	18.36	18.16	18.14		
20	64QAM	50	50	18.15	18.21	18.22	18.12	18.13		
20	64QAM	100	0	18.20	18.14	18.39	18.18	18.17		
20	256QAM	1	0	18.22	18.24	18.42	18.20	18.17	19.7	0
20	256QAM	1	49	18.20	18.17	18.23	18.20	18.26		
20	256QAM	1	99	18.17	18.09	18.28	18.14	18.21		
20	256QAM	50	0	18.21	18.22	18.28	18.16	18.17	19.7	0
20	256QAM	50	24	18.08	18.29	18.28	18.25	18.08		
20	256QAM	50	50	18.08	18.13	18.03	18.08	18.22		
20	256QAM	100	0	18.12	18.08	18.28	18.12	18.07		
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	18.18	18.29	18.37	18.32	18.35	19.70	0
15	QPSK	1	37	18.19	18.30	18.24	18.32	18.20		
15	QPSK	1	74	18.11	18.34	18.33	18.23	18.21		
15	QPSK	36	0	18.16	18.23	18.38	18.21	18.31	19.7	0
15	QPSK	36	20	18.13	18.24	18.22	18.14	18.11		
15	QPSK	36	39	18.08	18.17	18.19	18.10	18.23		
15	QPSK	75	0	18.22	18.02	18.26	18.11	18.06		
15	16QAM	1	0	18.06	18.31	18.26	18.33	18.02	19.7	0
15	16QAM	1	37	18.06	18.06	18.13	17.99	18.12		
15	16QAM	1	74	18.17	18.09	18.08	18.18	18.06		
15	16QAM	36	0	18.15	18.11	18.38	18.06	18.13	19.7	0
15	16QAM	36	20	18.26	18.06	18.33	18.13	18.14		
15	16QAM	36	39	18.26	18.16	18.33	18.13	18.20		
15	16QAM	75	0	18.14	17.99	18.16	17.95	18.21		
15	64QAM	1	0	18.16	18.03	18.24	18.03	18.15	19.7	0
15	64QAM	1	37	18.06	18.08	18.22	18.05	18.24		
15	64QAM	1	74	18.02	18.23	18.20	18.05	18.12		
15	64QAM	36	0	18.13	18.10	18.33	18.17	18.17	19.7	0
15	64QAM	36	20	18.09	18.07	18.27	18.08	18.08		
15	64QAM	36	39	18.10	18.14	18.16	18.05	18.03		
15	64QAM	75	0	18.13	18.04	18.31	18.12	18.14		
15	256QAM	1	0	18.15	18.21	18.32	18.12	18.07	19.7	0
15	256QAM	1	37	18.10	18.11	18.20	18.12	18.19		
15	256QAM	1	74	18.14	18.06	18.21	18.09	18.17		
15	256QAM	36	0	18.14	18.19	18.19	18.09	18.14	19.7	0
15	256QAM	36	20	18.01	18.20	18.26	18.16	18.00		
15	256QAM	36	39	18.02	18.09	17.97	17.98	18.15		
15	256QAM	75	0	18.08	18.01	18.19	18.09	17.98		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	18.17	18.31	18.44	18.28	18.36	19.70	0
10	QPSK	1	25	18.23	18.25	18.19	18.33	18.21		
10	QPSK	1	49	18.07	18.35	18.36	18.24	18.21		
10	QPSK	25	0	18.15	18.18	18.30	18.17	18.34	19.7	0
10	QPSK	25	12	18.15	18.22	18.26	18.14	18.08		
10	QPSK	25	25	18.11	18.13	18.18	18.11	18.17		
10	QPSK	50	0	18.21	18.07	18.26	18.10	18.00		
10	16QAM	1	0	18.08	18.26	18.30	18.32	17.98	19.7	0
10	16QAM	1	25	18.04	18.10	18.13	18.03	18.13		
10	16QAM	1	49	18.16	18.17	18.13	18.18	18.01		
10	16QAM	25	0	18.16	18.17	18.39	18.05	18.17	19.7	0
10	16QAM	25	12	18.24	18.05	18.30	18.11	18.17		
10	16QAM	25	25	18.32	18.10	18.31	18.10	18.21		
10	16QAM	50	0	18.17	17.97	18.19	17.92	18.24		
10	64QAM	1	0	18.12	18.07	18.18	18.06	18.17	19.7	0
10	64QAM	1	25	18.10	18.06	18.18	18.11	18.21		
10	64QAM	1	49	18.06	18.16	18.16	18.06	18.12		
10	64QAM	25	0	18.10	18.04	18.27	18.22	18.18	19.7	0
10	64QAM	25	12	18.05	18.10	18.30	18.07	18.05		
10	64QAM	25	25	18.05	18.18	18.14	18.06	18.09		
10	64QAM	50	0	18.17	18.12	18.33	18.10	18.12		
10	256QAM	1	0	18.18	18.16	18.34	18.17	18.10	19.7	0
10	256QAM	1	25	18.13	18.12	18.16	18.13	18.22		
10	256QAM	1	49	18.13	18.02	18.22	18.12	18.13		
10	256QAM	25	0	18.13	18.18	18.23	18.13	18.10	19.7	0
10	256QAM	25	12	18.04	18.23	18.23	18.17	18.04		
10	256QAM	25	25	17.99	18.05	17.95	18.02	18.12		
10	256QAM	50	0	18.09	18.03	18.19	18.10	18.04		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	18.21	18.34	18.36	18.32	18.36	19.70	0
5	QPSK	1	12	18.22	18.29	18.19	18.33	18.19		
5	QPSK	1	24	18.10	18.29	18.33	18.24	18.18		
5	QPSK	12	0	18.11	18.20	18.35	18.20	18.28	19.7	0
5	QPSK	12	7	18.12	18.18	18.24	18.17	18.09		
5	QPSK	12	13	18.06	18.15	18.16	18.08	18.21		
5	QPSK	25	0	18.22	18.02	18.23	18.11	18.03		
5	16QAM	1	0	18.05	18.29	18.30	18.33	18.03	19.7	0
5	16QAM	1	12	18.06	18.09	18.11	18.04	18.09		
5	16QAM	1	24	18.14	18.10	18.08	18.18	18.05		
5	16QAM	12	0	18.16	18.15	18.41	18.05	18.15	19.7	0
5	16QAM	12	7	18.23	18.03	18.28	18.09	18.15		
5	16QAM	12	13	18.31	18.08	18.35	18.13	18.17		
5	16QAM	25	0	18.10	17.99	18.19	17.95	18.24		
5	64QAM	1	0	18.13	18.05	18.20	18.06	18.15	19.7	0
5	64QAM	1	12	18.07	18.06	18.20	18.09	18.23		
5	64QAM	1	24	18.01	18.20	18.19	18.06	18.11		
5	64QAM	12	0	18.10	18.03	18.31	18.17	18.18	19.7	0
5	64QAM	12	7	18.04	18.04	18.27	18.10	18.05		
5	64QAM	12	13	18.06	18.14	18.14	18.08	18.08		
5	64QAM	25	0	18.17	18.11	18.31	18.12	18.09		
5	256QAM	1	0	18.15	18.16	18.37	18.10	18.14	19.7	0
5	256QAM	1	12	18.11	18.09	18.20	18.11	18.21		
5	256QAM	1	24	18.10	18.04	18.20	18.04	18.16		
5	256QAM	12	0	18.17	18.19	18.23	18.12	18.11	19.7	0
5	256QAM	12	7	18.06	18.25	18.26	18.20	18.05		
5	256QAM	12	13	18.02	18.05	17.96	17.99	18.20		
5	256QAM	25	0	18.09	18.03	18.25	18.06	18.00		

Band 48 DSI2_Simultaneous Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	17.51	17.53	17.39	17.38	18.7	0
20	QPSK	1	49	17.29	17.47	17.35	17.30		
20	QPSK	1	99	17.38	17.45	17.39	17.27		
20	QPSK	50	0	17.31	17.44	17.34	17.25	18.7	0
20	QPSK	50	24	17.26	17.38	17.22	17.26		
20	QPSK	50	50	17.25	17.22	17.14	17.21		
20	QPSK	100	0	17.27	17.41	17.29	17.34		
20	16QAM	1	0	17.32	17.44	17.30	17.26	18.7	0
20	16QAM	1	49	17.25	17.20	17.11	17.15		
20	16QAM	1	99	17.36	17.36	17.16	17.21		
20	16QAM	50	0	17.30	17.41	17.24	17.20	18.7	0
20	16QAM	50	24	17.19	17.27	17.35	17.32		
20	16QAM	50	50	17.37	17.40	17.18	17.25		
20	16QAM	100	0	17.16	17.29	17.20	17.29		
20	64QAM	1	0	17.18	17.28	17.31	17.24	18.7	0
20	64QAM	1	49	17.23	17.38	17.28	17.26		
20	64QAM	1	99	17.17	17.36	17.34	17.21		
20	64QAM	50	0	17.15	17.41	17.33	17.25	18.7	0
20	64QAM	50	24	17.19	17.38	17.26	17.14		
20	64QAM	50	50	17.12	17.19	17.13	17.15		
20	64QAM	100	0	17.25	17.33	17.20	17.33		
20	256QAM	1	0	16.91	17.07	16.92	16.95	17.5	1.2
20	256QAM	1	49	16.82	17.07	16.83	16.95		
20	256QAM	1	99	16.86	16.83	16.83	16.79		
20	256QAM	50	0	16.99	17.15	17.06	17.02	17.5	1.2
20	256QAM	50	24	16.91	17.01	16.99	16.92		
20	256QAM	50	50	16.92	16.99	16.91	16.94		
20	256QAM	100	0	17.08	17.22	17.03	17.17		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	17.46	17.48	17.32	17.33	18.7	0
15	QPSK	1	37	17.14	17.37	17.28	17.26		
15	QPSK	1	74	17.32	17.38	17.35	17.13		
15	QPSK	36	0	17.23	17.36	17.20	17.22	18.7	0
15	QPSK	36	20	17.22	17.26	17.17	17.18		
15	QPSK	36	39	17.19	17.13	17.00	17.10		
15	QPSK	75	0	17.20	17.27	17.16	17.21		
15	16QAM	1	0	17.28	17.39	17.21	17.23	18.7	0
15	16QAM	1	37	17.16	17.08	16.98	17.11		
15	16QAM	1	74	17.25	17.32	17.11	17.16		
15	16QAM	36	0	17.17	17.28	17.13	17.11	18.7	0
15	16QAM	36	20	17.11	17.13	17.27	17.27		
15	16QAM	36	39	17.33	17.28	17.07	17.15		
15	16QAM	75	0	17.11	17.15	17.16	17.23		
15	64QAM	1	0	17.09	17.19	17.25	17.10	18.7	0
15	64QAM	1	37	17.08	17.33	17.18	17.17		
15	64QAM	1	74	17.07	17.29	17.26	17.10		
15	64QAM	36	0	17.02	17.37	17.20	17.21	18.7	0
15	64QAM	36	20	17.08	17.30	17.18	17.06		
15	64QAM	36	39	17.01	17.10	17.05	17.09		
15	64QAM	75	0	17.17	17.28	17.17	17.21		
15	256QAM	1	0	16.81	17.03	16.79	16.91	17.5	1.2
15	256QAM	1	37	16.67	17.01	16.74	16.81		
15	256QAM	1	74	16.77	16.68	16.73	16.73		
15	256QAM	36	0	16.90	17.03	17.02	16.91	17.5	1.2
15	256QAM	36	20	16.87	16.94	16.95	16.87		
15	256QAM	36	39	16.79	16.92	16.83	16.91		
15	256QAM	75	0	17.03	17.10	16.90	17.11		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	17.41	17.46	17.32	17.32	18.7	0
10	QPSK	1	25	17.22	17.37	17.21	17.17		
10	QPSK	1	49	17.27	17.42	17.34	17.24		
10	QPSK	25	0	17.24	17.31	17.25	17.21	18.7	0
10	QPSK	25	12	17.18	17.23	17.09	17.17		
10	QPSK	25	25	17.17	17.12	17.06	17.17		
10	QPSK	50	0	17.22	17.28	17.17	17.25		
10	16QAM	1	0	17.22	17.37	17.24	17.22	18.7	0
10	16QAM	1	25	17.13	17.08	17.07	17.02		
10	16QAM	1	49	17.22	17.30	17.10	17.17		
10	16QAM	25	0	17.20	17.33	17.16	17.14	18.7	0
10	16QAM	25	12	17.06	17.23	17.20	17.21		
10	16QAM	25	25	17.32	17.31	17.06	17.17		
10	16QAM	50	0	17.02	17.17	17.15	17.26		
10	64QAM	1	0	17.08	17.15	17.26	17.16	18.7	0
10	64QAM	1	25	17.15	17.23	17.22	17.18		
10	64QAM	1	49	17.08	17.24	17.21	17.14		
10	64QAM	25	0	17.09	17.26	17.22	17.19	18.7	0
10	64QAM	25	12	17.07	17.27	17.20	17.01		
10	64QAM	25	25	17.09	17.10	17.02	17.10		
10	64QAM	50	0	17.11	17.19	17.06	17.26		
10	256QAM	1	0	16.82	16.96	16.84	16.87	17.5	1.2
10	256QAM	1	25	16.77	16.93	16.77	16.81		
10	256QAM	1	49	16.83	16.72	16.70	16.71		
10	256QAM	25	0	16.89	17.02	16.98	16.94	17.5	1.2
10	256QAM	25	12	16.88	16.96	16.92	16.78		
10	256QAM	25	25	16.79	16.86	16.81	16.81		
10	256QAM	50	0	16.98	17.17	16.89	17.05		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	17.36	17.43	17.36	17.32	18.7	0
5	QPSK	1	12	17.17	17.33	17.29	17.17		
5	QPSK	1	24	17.34	17.38	17.30	17.15		
5	QPSK	12	0	17.23	17.30	17.25	17.13	18.7	0
5	QPSK	12	7	17.18	17.24	17.14	17.21		
5	QPSK	12	13	17.16	17.11	17.03	17.17		
5	QPSK	25	0	17.16	17.33	17.19	17.26		
5	16QAM	1	0	17.24	17.32	17.27	17.23	18.7	0
5	16QAM	1	12	17.20	17.11	16.97	17.04		
5	16QAM	1	24	17.23	17.31	17.05	17.14		
5	16QAM	12	0	17.17	17.36	17.15	17.16	18.7	0
5	16QAM	12	7	17.12	17.18	17.30	17.26		
5	16QAM	12	13	17.29	17.32	17.07	17.21		
5	16QAM	25	0	17.06	17.16	17.06	17.20		
5	64QAM	1	0	17.08	17.19	17.26	17.19	18.7	0
5	64QAM	1	12	17.10	17.35	17.14	17.21		
5	64QAM	1	24	17.07	17.24	17.21	17.17		
5	64QAM	12	0	17.05	17.27	17.23	17.19	18.7	0
5	64QAM	12	7	17.05	17.34	17.18	17.08		
5	64QAM	12	13	17.08	17.12	17.07	17.06		
5	64QAM	25	0	17.17	17.24	17.15	17.20		
5	256QAM	1	0	16.87	17.03	16.80	16.87	17.5	1.2
5	256QAM	1	12	16.70	16.92	16.69	16.83		
5	256QAM	1	24	16.73	16.76	16.73	16.71		
5	256QAM	12	0	16.94	17.02	16.92	16.94	17.5	1.2
5	256QAM	12	7	16.84	16.93	16.85	16.85		
5	256QAM	12	13	16.82	16.85	16.80	16.79		
5	256QAM	25	0	17.01	17.14	16.97	17.10		

GSM1900 Ant3	DSI2_Simultaneous							
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	26.73	26.86	26.81	27.80	17.73	17.86	17.81	18.80
GPRS 1 Tx slot	26.69	26.87	26.71	27.80	17.69	17.87	17.71	18.80
GPRS 2 Tx slots	23.95	24.03	23.90	24.80	17.95	18.03	17.90	18.80
GPRS 3 Tx slots	21.96	22.02	21.89	23.00	17.70	17.76	17.63	18.74
GPRS 4 Tx slots	20.08	20.15	20.11	21.80	17.08	17.15	17.11	18.80
EDGE 1 Tx slot	25.06	25.13	24.99	26.00	16.06	16.13	15.99	17.00
EDGE 2 Tx slots	23.33	23.43	23.40	24.50	17.33	17.43	17.40	18.50
EDGE 3 Tx slots	22.21	22.35	22.25	23.00	17.95	18.09	17.99	18.74
EDGE 4 Tx slots	20.13	20.18	20.06	21.00	17.13	17.18	17.06	18.00

		WCDMA II Ant3				WCDMA IV Ant3			
Band		WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	16.91	16.97	16.83	18.80	18.32	18.48	18.41	19.90
3GPP Rel 99	RMC 12.2Kbps	16.95	17.04	16.89	18.80	18.39	18.53	18.49	19.90
3GPP Rel 6	HSDPA Subtest-1	15.91	16.15	16.03	17.80	17.29	17.50	17.47	18.90
3GPP Rel 6	HSDPA Subtest-2	15.88	16.16	15.90	17.80	17.30	17.54	17.27	18.90
3GPP Rel 6	HSDPA Subtest-3	15.61	15.52	15.38	17.30	17.07	16.82	16.79	18.40
3GPP Rel 6	HSDPA Subtest-4	15.35	15.59	15.50	17.30	16.88	16.94	16.98	18.40
3GPP Rel 8	DC-HSDPA Subtest-1	15.98	16.10	15.86	17.80	17.39	17.52	17.33	18.90
3GPP Rel 8	DC-HSDPA Subtest-2	15.81	16.03	16.06	17.80	17.37	17.49	17.45	18.90
3GPP Rel 8	DC-HSDPA Subtest-3	15.51	15.55	15.31	17.30	16.65	16.95	16.72	18.40
3GPP Rel 8	DC-HSDPA Subtest-4	15.30	15.51	15.43	17.30	16.66	16.94	16.71	18.40
3GPP Rel 6	HSUPA Subtest-1	16.03	16.23	15.86	17.80	17.44	17.64	17.32	18.90
3GPP Rel 6	HSUPA Subtest-2	14.15	14.12	14.08	15.80	15.62	15.41	15.50	16.90
3GPP Rel 6	HSUPA Subtest-3	15.15	14.99	14.83	16.80	16.44	16.42	16.35	17.90
3GPP Rel 6	HSUPA Subtest-4	13.92	14.12	14.13	15.80	15.29	15.55	15.50	16.90
3GPP Rel 6	HSUPA Subtest-5	15.87	15.93	15.86	17.80	17.28	17.36	17.27	18.90

Band 2 DSI2_Simultaneous Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	17.24	17.31	17.18	18.8	0
20	QPSK	1	49	17.17	17.16	17.10		
20	QPSK	1	99	17.18	17.28	17.11		
20	QPSK	50	0	17.06	17.25	17.15		
20	QPSK	50	24	16.98	17.24	17.05		
20	QPSK	50	50	17.10	17.11	17.11		
20	QPSK	100	0	17.03	17.13	17.08		
20	16QAM	1	0	17.11	17.14	16.97		
20	16QAM	1	49	17.03	17.15	17.05	18.8	0
20	16QAM	1	99	17.10	17.11	17.03		
20	16QAM	50	0	17.09	17.16	17.08		
20	16QAM	50	24	16.97	17.21	17.10	18.8	0
20	16QAM	50	50	17.03	17.18	17.12		
20	16QAM	100	0	16.93	17.08	17.07		
20	64QAM	1	0	17.01	17.16	17.06		
20	64QAM	1	49	17.04	17.12	17.09	18.8	0
20	64QAM	1	99	17.03	17.14	16.99		
20	64QAM	50	0	17.09	17.14	17.02		
20	64QAM	50	24	16.96	17.19	16.93	18.8	0
20	64QAM	50	50	17.06	17.13	16.96		
20	64QAM	100	0	17.06	17.11	17.06		
20	256QAM	1	0	17.04	17.20	17.11		
20	256QAM	1	49	16.99	17.13	17.02	18.8	0
20	256QAM	1	99	16.99	17.15	17.08		
20	256QAM	50	0	17.10	17.11	17.00		
20	256QAM	50	24	17.15	17.20	16.92	18.8	0
20	256QAM	50	50	16.89	16.99	17.02		
20	256QAM	100	0	17.00	17.16	16.99		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	17.10	17.25	17.10	18.8	0
15	QPSK	1	37	17.05	17.25	16.96		
15	QPSK	1	74	17.06	17.23	17.06		
15	QPSK	36	0	16.92	17.15	17.08		
15	QPSK	36	20	16.93	17.20	16.99	18.8	0
15	QPSK	36	39	16.98	17.00	17.07		
15	QPSK	75	0	16.90	17.03	17.03		
15	16QAM	1	0	16.99	17.04	16.89	18.8	0
15	16QAM	1	37	17.00	17.11	16.97		
15	16QAM	1	74	17.00	17.05	16.97		
15	16QAM	36	0	16.94	17.06	17.01		
15	16QAM	36	20	16.86	17.09	17.06	18.8	0
15	16QAM	36	39	16.96	17.06	16.99		
15	16QAM	75	0	16.79	16.93	16.93		
15	64QAM	1	0	16.90	16.97	16.92		
15	64QAM	1	37	16.93	17.00	17.03	18.8	0
15	64QAM	1	74	16.97	17.03	16.84		
15	64QAM	36	0	16.98	17.08	16.99		
15	64QAM	36	20	16.81	17.03	16.87	18.8	0
15	64QAM	36	39	16.92	17.06	16.93		
15	64QAM	75	0	16.95	17.05	16.97		
15	256QAM	1	0	16.95	17.15	16.98		
15	256QAM	1	37	16.95	17.02	16.98	18.8	0
15	256QAM	1	74	16.87	17.11	16.97		
15	256QAM	36	0	16.95	17.03	16.92		
15	256QAM	36	20	17.06	17.09	16.79	18.8	0
15	256QAM	36	39	16.79	16.96	16.88		
15	256QAM	75	0	16.90	17.07	16.96		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	17.12	17.28	17.04	18.8	0
10	QPSK	1	25	17.11	17.08	17.00		
10	QPSK	1	49	17.13	17.17	17.03		
10	QPSK	25	0	16.98	17.15	17.00		
10	QPSK	25	12	16.93	17.21	16.90	18.8	0
10	QPSK	25	25	16.97	16.86	17.00		
10	QPSK	50	0	16.94	17.02	16.97		
10	16QAM	1	0	17.02	17.04	16.88		
10	16QAM	1	25	16.89	17.09	17.01	18.8	0
10	16QAM	1	49	17.05	16.97	16.89		
10	16QAM	25	0	16.98	17.09	17.04		
10	16QAM	25	12	16.88	17.16	16.99	18.8	0
10	16QAM	25	25	16.99	17.09	16.99		
10	16QAM	50	0	16.85	16.97	16.93		
10	64QAM	1	0	16.86	17.01	17.01		
10	64QAM	1	25	16.92	17.04	16.96	18.8	0
10	64QAM	1	49	16.92	17.10	16.85		
10	64QAM	25	0	17.05	17.02	16.90		
10	64QAM	25	12	16.85	17.03	16.82	18.8	0
10	64QAM	25	25	17.02	17.03	16.92		
10	64QAM	50	0	16.97	16.98	17.01		
10	256QAM	1	0	16.93	17.07	17.05		
10	256QAM	1	25	16.93	17.07	16.90	18.8	0
10	256QAM	1	49	16.94	17.01	17.01		
10	256QAM	25	0	17.00	16.97	16.97		
10	256QAM	25	12	17.04	17.11	16.88	18.8	0
10	256QAM	25	25	16.84	16.88	16.93		
10	256QAM	50	0	16.90	17.10	16.84		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	17.16	17.21	17.06	18.8	0
5	QPSK	1	12	17.07	17.12	17.03		
5	QPSK	1	24	17.03	17.15	17.05		
5	QPSK	12	0	16.98	17.13	17.06	18.8	0
5	QPSK	12	7	16.84	17.08	17.01		
5	QPSK	12	13	16.99	17.05	16.99		
5	QPSK	25	0	16.97	17.10	16.99		
5	16QAM	1	0	17.00	17.06	16.83		
5	16QAM	1	12	16.88	17.08	16.87	18.8	0
5	16QAM	1	24	17.02	16.99	16.89		
5	16QAM	12	0	16.95	17.06	16.98		
5	16QAM	12	7	16.87	17.07	17.06	18.8	0
5	16QAM	12	13	16.99	17.04	17.08		
5	16QAM	25	0	16.84	16.94	17.02		
5	64QAM	1	0	16.88	16.98	16.91		
5	64QAM	1	12	16.99	17.00	17.04	18.8	0
5	64QAM	1	24	16.92	17.01	16.92		
5	64QAM	12	0	17.01	17.02	16.91		
5	64QAM	12	7	16.84	17.08	16.78	18.8	0
5	64QAM	12	13	16.94	17.09	16.84		
5	64QAM	25	0	16.98	17.07	16.99		
5	256QAM	1	0	17.00	17.06	17.06		
5	256QAM	1	12	16.88	17.04	16.88	18.8	0
5	256QAM	1	24	16.94	17.02	16.96		
5	256QAM	12	0	17.02	16.98	16.88		
5	256QAM	12	7	17.03	17.10	16.88	18.8	0
5	256QAM	12	13	16.81	16.86	16.90		
5	256QAM	25	0	16.88	17.11	16.88		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	17.17	17.23	17.05	18.8	0
3	QPSK	1	8	17.08	17.02	16.96		
3	QPSK	1	14	17.09	17.15	17.00		
3	QPSK	8	0	17.02	17.17	17.04		
3	QPSK	8	4	16.87	17.20	16.94	18.8	0
3	QPSK	8	7	16.95	17.07	16.98		
3	QPSK	15	0	16.89	16.99	17.04		
3	16QAM	1	0	16.98	17.07	16.87		
3	16QAM	1	8	16.99	17.09	17.00	18.8	0
3	16QAM	1	14	16.99	17.00	16.99		
3	16QAM	8	0	16.99	17.04	17.02		
3	16QAM	8	4	16.90	17.13	17.04	18.8	0
3	16QAM	8	7	16.92	17.13	17.01		
3	16QAM	15	0	16.81	17.00	17.03		
3	64QAM	1	0	16.89	17.08	16.94		
3	64QAM	1	8	16.91	17.06	16.99	18.8	0
3	64QAM	1	14	16.96	17.01	16.85		
3	64QAM	8	0	17.01	17.01	16.96		
3	64QAM	8	4	16.91	17.14	16.80	18.8	0
3	64QAM	8	7	17.00	17.01	16.85		
3	64QAM	15	0	16.93	17.05	16.91		
3	256QAM	1	0	17.01	17.06	16.98		
3	256QAM	1	8	16.92	17.07	16.98	18.8	0
3	256QAM	1	14	16.89	17.07	17.03		
3	256QAM	8	0	17.05	16.99	16.86		
3	256QAM	8	4	17.07	17.07	16.81	18.8	0
3	256QAM	8	7	16.77	16.88	16.88		
3	256QAM	15	0	16.98	17.20	16.87		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	17.10	17.26	17.12	18.8	0
1.4	QPSK	1	3	17.05	17.08	16.98		
1.4	QPSK	1	5	17.04	17.18	16.97		
1.4	QPSK	3	0	16.98	17.12	17.03		
1.4	QPSK	3	1	16.88	17.14	16.95		
1.4	QPSK	3	3	16.98	17.03	17.04		
1.4	QPSK	6	0	16.89	17.02	17.00	18.8	0
1.4	16QAM	1	0	16.97	17.03	16.93	18.8	0
1.4	16QAM	1	3	17.00	17.10	17.02		
1.4	16QAM	1	5	17.05	17.07	17.00		
1.4	16QAM	3	0	17.03	17.07	17.05		
1.4	16QAM	3	1	16.84	17.14	16.98		
1.4	16QAM	3	3	16.88	17.07	17.04		
1.4	16QAM	6	0	16.88	17.02	17.02	18.8	0
1.4	64QAM	1	0	16.90	16.97	16.92	18.8	0
1.4	64QAM	1	3	16.99	17.00	16.98		
1.4	64QAM	1	5	16.92	17.07	16.88		
1.4	64QAM	3	0	16.96	17.01	16.90		
1.4	64QAM	3	1	16.83	17.09	16.84		
1.4	64QAM	3	3	17.02	17.05	16.82		
1.4	64QAM	6	0	16.99	16.98	17.01	18.8	0
1.4	256QAM	1	0	16.92	17.16	16.97	18.8	0
1.4	256QAM	1	3	16.88	17.09	16.97		
1.4	256QAM	1	5	16.92	17.02	16.94		
1.4	256QAM	3	0	16.97	17.00	16.87		
1.4	256QAM	3	1	17.10	17.08	16.85		
1.4	256QAM	3	3	16.85	16.85	16.92		
1.4	256QAM	6	0	16.93	17.09	16.85	18.8	0

Band 4 DSI2_Simultaneous Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	18.74	18.92	18.65	20.2	0
20	QPSK	1	49	18.70	18.54	18.59		
20	QPSK	1	99	18.45	18.64	18.52		
20	QPSK	50	0	18.72	18.87	18.61		
20	QPSK	50	24	18.73	18.65	18.48		
20	QPSK	50	50	18.42	18.50	18.56		
20	QPSK	100	0	18.59	18.69	18.54		
20	16QAM	1	0	18.40	18.62	18.34		
20	16QAM	1	49	18.41	18.66	18.54	20.2	0
20	16QAM	1	99	18.69	18.56	18.47		
20	16QAM	50	0	18.67	18.54	18.52		
20	16QAM	50	24	18.80	18.71	18.50	20.2	0
20	16QAM	50	50	18.63	18.69	18.60		
20	16QAM	100	0	18.51	18.52	18.34		
20	64QAM	1	0	18.57	18.62	18.50		
20	64QAM	1	49	18.47	18.44	18.66	20.2	0
20	64QAM	1	99	18.59	18.56	18.71		
20	64QAM	50	0	18.51	18.64	18.68		
20	64QAM	50	24	18.47	18.66	18.59	20.2	0
20	64QAM	50	50	18.57	18.48	18.46		
20	64QAM	100	0	18.50	18.45	18.61		
20	256QAM	1	0	18.49	18.63	18.40		
20	256QAM	1	49	18.32	18.35	18.34	20.2	0
20	256QAM	1	99	18.26	18.28	18.29		
20	256QAM	50	0	18.35	18.53	18.53		
20	256QAM	50	24	18.27	18.33	18.38	20.2	0
20	256QAM	50	50	18.25	18.46	18.37		
20	256QAM	100	0	18.10	18.58	18.38		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	18.74	18.80	18.62	20.2	0
15	QPSK	1	37	18.71	18.37	18.45		
15	QPSK	1	74	18.45	18.60	18.53		
15	QPSK	36	0	18.65	18.75	18.45		
15	QPSK	36	20	18.68	18.63	18.46	20.2	0
15	QPSK	36	39	18.41	18.49	18.35		
15	QPSK	75	0	18.48	18.48	18.41		
15	16QAM	1	0	18.19	18.61	18.13	20.2	0
15	16QAM	1	37	18.41	18.47	18.48		
15	16QAM	1	74	18.54	18.39	18.40		
15	16QAM	36	0	18.60	18.47	18.52		
15	16QAM	36	20	18.76	18.56	18.38	20.2	0
15	16QAM	36	39	18.53	18.53	18.39		
15	16QAM	75	0	18.39	18.43	18.33		
15	64QAM	1	0	18.53	18.57	18.34		
15	64QAM	1	37	18.44	18.34	18.53	20.2	0
15	64QAM	1	74	18.58	18.57	18.66		
15	64QAM	36	0	18.45	18.55	18.59		
15	64QAM	36	20	18.45	18.56	18.61	20.2	0
15	64QAM	36	39	18.57	18.30	18.46		
15	64QAM	75	0	18.46	18.36	18.63		
15	256QAM	1	0	18.45	18.53	18.36		
15	256QAM	1	37	18.19	18.18	18.32	20.2	0
15	256QAM	1	74	18.27	18.26	18.31		
15	256QAM	36	0	18.21	18.46	18.40		
15	256QAM	36	20	18.20	18.18	18.34	20.2	0
15	256QAM	36	39	18.17	18.42	18.34		
15	256QAM	75	0	18.14	18.47	18.27		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	18.70	18.73	18.65	20.2	0
10	QPSK	1	25	18.63	18.38	18.54		
10	QPSK	1	49	18.23	18.53	18.40		
10	QPSK	25	0	18.54	18.66	18.57		
10	QPSK	25	12	18.53	18.46	18.37	20.2	0
10	QPSK	25	25	18.33	18.49	18.47		
10	QPSK	50	0	18.51	18.63	18.51		
10	16QAM	1	0	18.30	18.49	18.34		
10	16QAM	1	25	18.36	18.62	18.38	20.2	0
10	16QAM	1	49	18.67	18.48	18.32		
10	16QAM	25	0	18.48	18.52	18.60		
10	16QAM	25	12	18.58	18.50	18.30	20.2	0
10	16QAM	25	25	18.58	18.60	18.44		
10	16QAM	50	0	18.31	18.32	18.12		
10	64QAM	1	0	18.48	18.60	18.50		
10	64QAM	1	25	18.30	18.40	18.59	20.2	0
10	64QAM	1	49	18.43	18.40	18.61		
10	64QAM	25	0	18.38	18.61	18.49		
10	64QAM	25	12	18.45	18.68	18.46	20.2	0
10	64QAM	25	25	18.46	18.38	18.31		
10	64QAM	50	0	18.49	18.45	18.41		
10	256QAM	1	0	18.46	18.49	18.35		
10	256QAM	1	25	18.33	18.31	18.20	20.2	0
10	256QAM	1	49	18.16	18.24	18.08		
10	256QAM	25	0	18.17	18.52	18.48		
10	256QAM	25	12	18.24	18.33	18.33	20.2	0
10	256QAM	25	25	18.25	18.28	18.39		
10	256QAM	50	0	18.09	18.39	18.33		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	18.55	18.87	18.57	20.2	0
5	QPSK	1	12	18.56	18.40	18.40		
5	QPSK	1	24	18.40	18.49	18.53		
5	QPSK	12	0	18.57	18.81	18.42		
5	QPSK	12	7	18.70	18.44	18.33	20.2	0
5	QPSK	12	13	18.36	18.32	18.45		
5	QPSK	25	0	18.67	18.62	18.41		
5	16QAM	1	0	18.37	18.54	18.31		
5	16QAM	1	12	18.29	18.46	18.33	20.2	0
5	16QAM	1	24	18.50	18.34	18.49		
5	16QAM	12	0	18.54	18.43	18.52		
5	16QAM	12	7	18.78	18.51	18.39	20.2	0
5	16QAM	12	13	18.53	18.69	18.46		
5	16QAM	25	0	18.39	18.52	18.13		
5	64QAM	1	0	18.55	18.53	18.36		
5	64QAM	1	12	18.31	18.25	18.55	20.2	0
5	64QAM	1	24	18.43	18.41	18.54		
5	64QAM	12	0	18.32	18.59	18.55		
5	64QAM	12	7	18.26	18.58	18.59	20.2	0
5	64QAM	12	13	18.37	18.32	18.45		
5	64QAM	25	0	18.40	18.45	18.44		
5	256QAM	1	0	18.37	18.64	18.19		
5	256QAM	1	12	18.26	18.27	18.19	20.2	0
5	256QAM	1	24	18.23	18.18	18.30		
5	256QAM	12	0	18.27	18.43	18.32		
5	256QAM	12	7	18.19	18.18	18.39	20.2	0
5	256QAM	12	13	18.20	18.46	18.33		
5	256QAM	25	0	18.09	18.51	18.21		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	18.58	18.89	18.60	20.2	0
3	QPSK	1	8	18.51	18.51	18.53		
3	QPSK	1	14	18.42	18.45	18.41		
3	QPSK	8	0	18.56	18.78	18.55		
3	QPSK	8	4	18.59	18.65	18.45	20.2	0
3	QPSK	8	7	18.44	18.40	18.51		
3	QPSK	15	0	18.65	18.49	18.39		
3	16QAM	1	0	18.28	18.43	18.36		
3	16QAM	1	8	18.40	18.49	18.54	20.2	0
3	16QAM	1	14	18.59	18.43	18.25		
3	16QAM	8	0	18.49	18.49	18.67		
3	16QAM	8	4	18.78	18.57	18.28	20.2	0
3	16QAM	8	7	18.43	18.57	18.49		
3	16QAM	15	0	18.31	18.30	18.26		
3	64QAM	1	0	18.48	18.53	18.49		
3	64QAM	1	8	18.36	18.61	18.55	20.2	0
3	64QAM	1	14	18.56	18.41	18.63		
3	64QAM	8	0	18.32	18.44	18.62		
3	64QAM	8	4	18.28	18.69	18.41	20.2	0
3	64QAM	8	7	18.51	18.44	18.26		
3	64QAM	15	0	18.35	18.27	18.41		
3	256QAM	1	0	18.50	18.47	18.39		
3	256QAM	1	8	18.28	18.32	18.18	20.2	0
3	256QAM	1	14	18.09	18.07	18.17		
3	256QAM	8	0	18.33	18.35	18.45		
3	256QAM	8	4	18.10	18.28	18.17	20.2	0
3	256QAM	8	7	18.17	18.46	18.35		
3	256QAM	15	0	18.18	18.23	18.23		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	18.79	18.84	18.60	20.2	0
1.4	QPSK	1	3	18.56	18.50	18.67		
1.4	QPSK	1	5	18.68	18.87	18.62		
1.4	QPSK	3	0	18.64	18.66	18.73		
1.4	QPSK	3	1	18.56	18.57	18.66		
1.4	QPSK	3	3	18.60	18.68	18.60		
1.4	QPSK	6	0	18.64	18.73	18.47	20.2	0
1.4	16QAM	1	0	18.47	18.59	18.65	20.2	0
1.4	16QAM	1	3	18.49	18.50	18.55		
1.4	16QAM	1	5	18.77	18.62	18.48		
1.4	16QAM	3	0	18.62	18.68	18.71		
1.4	16QAM	3	1	18.48	18.70	18.60		
1.4	16QAM	3	3	18.57	18.75	18.68		
1.4	16QAM	6	0	18.56	18.56	18.63	20.2	0
1.4	64QAM	1	0	18.50	18.71	18.64	20.2	0
1.4	64QAM	1	3	18.44	18.67	18.47		
1.4	64QAM	1	5	18.44	18.57	18.59		
1.4	64QAM	3	0	18.36	18.62	18.74		
1.4	64QAM	3	1	18.45	18.70	18.57		
1.4	64QAM	3	3	18.55	18.51	18.48		
1.4	64QAM	6	0	18.36	18.70	18.53	20.2	0
1.4	256QAM	1	0	18.37	18.59	18.36	20.2	0
1.4	256QAM	1	3	18.54	18.56	18.31		
1.4	256QAM	1	5	18.34	18.43	18.31		
1.4	256QAM	3	0	18.43	18.48	18.39		
1.4	256QAM	3	1	18.49	18.45	18.20		
1.4	256QAM	3	3	18.24	18.30	18.27		
1.4	256QAM	6	0	18.18	18.50	18.39	20.2	0

Band 7 DSI2_Simultaneous Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	17.21	17.28	17.16	18.4	0
20	QPSK	1	49	17.22	17.27	17.09		
20	QPSK	1	99	17.13	17.21	17.10		
20	QPSK	50	0	17.08	17.21	17.20		
20	QPSK	50	24	17.01	17.08	16.96		
20	QPSK	50	50	17.02	17.10	17.17		
20	QPSK	100	0	16.99	17.20	17.04		
20	16QAM	1	0	17.10	17.11	17.08		
20	16QAM	1	49	16.95	17.17	16.91	18.4	0
20	16QAM	1

Band 30 DSI2_Simultaneous Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		17.59		19.3	0
10	QPSK	1	25		17.52			
10	QPSK	1	49		17.43			
10	QPSK	25	0		17.51		19.3	0
10	QPSK	25	12		17.42			
10	QPSK	25	25		17.35			
10	QPSK	50	0		17.44			
10	16QAM	1	0		17.40		19.3	0
10	16QAM	1	25		17.36			
10	16QAM	1	49		17.35			
10	16QAM	25	0		17.38		19.3	0
10	16QAM	25	12		17.44			
10	16QAM	25	25		17.50			
10	16QAM	50	0		17.34			
10	64QAM	1	0		17.45		19.3	0
10	64QAM	1	25		17.38			
10	64QAM	1	49		17.43			
10	64QAM	25	0		17.37		19.3	0
10	64QAM	25	12		17.37			
10	64QAM	25	25		17.41			
10	64QAM	50	0		17.41			
10	256QAM	1	0		17.42		19.3	0
10	256QAM	1	25		17.47			
10	256QAM	1	49		17.53			
10	256QAM	25	0		17.49		19.3	0
10	256QAM	25	12		17.49			
10	256QAM	25	25		17.34			
10	256QAM	50	0		17.36			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	17.48	17.51	17.38	19.3	0
5	QPSK	1	12	17.32	17.39	17.32		
5	QPSK	1	24	17.41	17.39	17.36		
5	QPSK	12	0	17.34	17.46	17.37	19.3	0
5	QPSK	12	7	17.38	17.35	17.32		
5	QPSK	12	13	17.35	17.45	17.33		
5	QPSK	25	0	17.40	17.47	17.42		
5	16QAM	1	0	17.32	17.33	17.37	19.3	0
5	16QAM	1	12	17.36	17.48	17.44		
5	16QAM	1	24	17.30	17.37	17.36		
5	16QAM	12	0	17.36	17.32	17.37	19.3	0
5	16QAM	12	7	17.37	17.57	17.40		
5	16QAM	12	13	17.35	17.52	17.51		
5	16QAM	25	0	17.36	17.42	17.36		
5	64QAM	1	0	17.37	17.58	17.37	19.3	0
5	64QAM	1	12	17.31	17.45	17.33		
5	64QAM	1	24	17.38	17.44	17.30		
5	64QAM	12	0	17.33	17.36	17.36	19.3	0
5	64QAM	12	7	17.32	17.40	17.36		
5	64QAM	12	13	17.31	17.31	17.33		
5	64QAM	25	0	17.33	17.32	17.33		
5	256QAM	1	0	17.33	17.43	17.38	19.3	0
5	256QAM	1	12	17.33	17.43	17.30		
5	256QAM	1	24	17.33	17.46	17.34		
5	256QAM	12	0	17.31	17.39	17.32	19.3	0
5	256QAM	12	7	17.41	17.48	17.37		
5	256QAM	12	13	17.33	17.31	17.33		
5	256QAM	25	0	17.32	17.32	17.31		

Band 66 DSI2_Simultaneous Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	18.92	18.96	18.63	20.2	0
20	QPSK	1	49	18.78	18.75	18.69		
20	QPSK	1	99	18.64	18.86	18.71		
20	QPSK	50	0	18.72	18.87	18.62	20.2	0
20	QPSK	50	24	18.77	18.75	18.50		
20	QPSK	50	50	18.60	18.63	18.77		
20	QPSK	100	0	18.71	18.73	18.55		
20	16QAM	1	0	18.55	18.63	18.51	20.2	0
20	16QAM	1	49	18.56	18.66	18.62		
20	16QAM	1	99	18.79	18.56	18.67		
20	16QAM	50	0	18.74	18.68	18.72	20.2	0
20	16QAM	50	24	18.79	18.72	18.69		
20	16QAM	50	50	18.62	18.75	18.66		
20	16QAM	100	0	18.67	18.57	18.54		
20	64QAM	1	0	18.69	18.72	18.58	20.2	0
20	64QAM	1	49	18.54	18.62	18.69		
20	64QAM	1	99	18.70	18.59	18.70		
20	64QAM	50	0	18.60	18.73	18.77	20.2	0
20	64QAM	50	24	18.63	18.75	18.68		
20	64QAM	50	50	18.62	18.62	18.60		
20	64QAM	100	0	18.62	18.65	18.74		
20	256QAM	1	0	18.50	18.68	18.58	20.2	0
20	256QAM	1	49	18.42	18.55	18.40		
20	256QAM	1	99	18.45	18.32	18.46		
20	256QAM	50	0	18.49	18.71	18.54	20.2	0
20	256QAM	50	24	18.36	18.46	18.38		
20	256QAM	50	50	18.26	18.48	18.46		
20	256QAM	100	0	18.28	18.65	18.46		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	18.69	18.73	18.35	20.2	0
15	QPSK	1	37	18.54	18.61	18.60		
15	QPSK	1	74	18.50	18.67	18.62		
15	QPSK	36	0	18.50	18.73	18.53	20.2	0
15	QPSK	36	20	18.68	18.60	18.39		
15	QPSK	36	39	18.47	18.43	18.50		
15	QPSK	75	0	18.51	18.44	18.30		
15	16QAM	1	0	18.42	18.40	18.30	20.2	0
15	16QAM	1	37	18.33	18.51	18.53		
15	16QAM	1	74	18.69	18.46	18.45		
15	16QAM	36	0	18.48	18.53	18.58	20.2	0
15	16QAM	36	20	18.58	18.58	18.38		
15	16QAM	36	39	18.34	18.57	18.51		
15	16QAM	75	0	18.38	18.30	18.38		
15	64QAM	1	0	18.47	18.52	18.49	20.2	0
15	64QAM	1	37	18.30	18.54	18.52		
15	64QAM	1	74	18.50	18.41	18.62		
15	64QAM	36	0	18.39	18.46	18.48	20.2	0
15	64QAM	36	20	18.46	18.56	18.41		
15	64QAM	36	39	18.48	18.45	18.47		
15	64QAM	75	0	18.37	18.36	18.54		
15	256QAM	1	0	18.34	18.51	18.37	20.2	0
15	256QAM	1	37	18.25	18.31	18.14		
15	256QAM	1	74	18.16	18.01	18.15		
15	256QAM	36	0	18.21	18.59	18.23	20.2	0
15	256QAM	36	20	18.09	18.30	18.21		
15	256QAM	36	39	18.11	18.40	18.27		
15	256QAM	75	0	18.12	18.55	18.20		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	18.67	18.78	18.50	20.2	0
10	QPSK	1	25	18.68	18.64	18.59		
10	QPSK	1	49	18.54	18.58	18.60		
10	QPSK	25	0	18.44	18.57	18.32	20.2	0
10	QPSK	25	12	18.62	18.66	18.32		
10	QPSK	25	25	18.32	18.40	18.45		
10	QPSK	50	0	18.40	18.57	18.43		
10	16QAM	1	0	18.25	18.41	18.40	20.2	0
10	16QAM	1	25	18.45	18.46	18.53		
10	16QAM	1	49	18.55	18.44	18.55		
10	16QAM	25	0	18.51	18.38	18.43	20.2	0
10	16QAM	25	12	18.60	18.54	18.48		
10	16QAM	25	25	18.41	18.47	18.51		
10	16QAM	50	0	18.40	18.46	18.36		
10	64QAM	1	0	18.52	18.60	18.32	20.2	0
10	64QAM	1	25	18.26	18.38	18.38		
10	64QAM	1	49	18.55	18.40	18.55		
10	64QAM	25	0	18.29	18.44	18.49	20.2	0
10	64QAM	25	12	18.34	18.46	18.58		
10	64QAM	25	25	18.44	18.41	18.49		
10	64QAM	50	0	18.52	18.49	18.64		
10	256QAM	1	0	18.25	18.52	18.44	20.2	0
10	256QAM	1	25	18.31	18.36	18.19		
10	256QAM	1	49	18.14	18.20	18.34		
10	256QAM	25	0	18.35	18.46	18.44	20.2	0
10	256QAM	25	12	18.16	18.38	18.16		
10	256QAM	25	25	18.17	18.27	18.35		
10	256QAM	50	0	18.05	18.47	18.16		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	18.83	18.88	18.78	20.2	0
5	QPSK	1	12	18.66	18.67	18.78		
5	QPSK	1	24	18.75	18.82	18.66		
5	QPSK	12	0	18.73	18.79	18.77	20.2	0
5	QPSK	12	7	18.78	18.64	18.60		
5	QPSK	12	13	18.68	18.72	18.69		
5	QPSK	25	0	18.78	18.82	18.67		
5	16QAM	1	0	18.67	18.69	18.62	20.2	0
5	16QAM	1	12	18.63	18.61	18.52		
5	16QAM	1	24	18.70	18.70	18.65		
5	16QAM	12	0	18.65	18.75	18.79	20.2	0
5	16QAM	12	7	18.71	18.86	18.77		
5	16QAM	12	13	18.61	18.77	18.61		
5	16QAM	25	0	18.78	18.65	18.68		
5	64QAM	1	0	18.64	18.68	18.66	20.2	0
5	64QAM	1	12	18.62	18.79	18.55		
5	64QAM	1	24	18.62	18.71	18.75		
5	64QAM	12	0	18.55	18.66	18.81	20.2	0
5	64QAM	12	7	18.67	18.72	18.67		
5	64QAM	12	13	18.52	18.60	18.56		
5	64QAM	25	0	18.63	18.69	18.69		
5	256QAM	1	0	18.45	18.67	18.52	20.2	0
5	256QAM	1	12	18.53	18.65	18.49		
5	256QAM	1	24	18.35	18.48	18.39		
5	256QAM	12	0	18.52	18.60	18.44	20.2	0
5	256QAM	12	7	18.51	18.52	18.30		
5	256QAM	12	13	18.43	18.40	18.42		
5	256QAM	25	0	18.32	18.58	18.43		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	18.78	18.93	18.72	20.2	0
3	QPSK	1	8	18.70	18.62	18.70		
3	QPSK	1	14	18.72	18.88	18.69		
3	QPSK	8	0	18.67	18.78	18.74	20.2	0
3	QPSK	8	4	18.68	18.67	18.60		
3	QPSK	8	7	18.60	18.71	18.62		
3	QPSK	15	0	18.79	18.79	18.63		
3	16QAM	1	0	18.58	18.76	18.69	20.2	0
3	16QAM	1	8	18.57	18.66	18.51		
3	16QAM	1	14	18.71	18.69	18.60		
3	16QAM	8	0	18.61	18.78	18.83	20.2	0
3	16QAM	8	4	18.70	18.85	18.72		
3	16QAM	8	7	18.62	18.73	18.58		
3	16QAM	15	0	18.74	18.62	18.65		
3	64QAM	1	0	18.68	18.65	18.61	20.2	0
3	64QAM	1	8	18.69	18.78	18.59		
3	64QAM	1	14	18.55	18.66	18.70		
3	64QAM	8	0	18.54	18.67	18.72	20.2	0
3	64QAM	8	4	18.66	18.75	18.65		
3	64QAM	8	7	18.52	18.67	18.55		
3	64QAM	15	0	18.61	18.68	18.70		
3	256QAM	1	0	18.43	18.65	18.47	20.2	0
3	256QAM	1	8	18.45	18.60	18.41		
3	256QAM	1	14	18.41	18.47	18.48		
3	256QAM	8	0	18.49	18.60	18.44	20.2	0
3	256QAM	8	4	18.49	18.53	18.34		
3	256QAM	8	7	18.36	18.43	18.47		
3	256QAM	15	0	18.36	18.52	18.41		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	18.79	18.90	18.80	20.2	0
1.4	QPSK	1	3	18.75	18.66	18.73		
1.4	QPSK	1	5	18.76	18.88	18.61		
1.4	QPSK	3	0	18.69	18.76	18.77		
1.4	QPSK	3	1	18.70	18.63	18.65		
1.4	QPSK	3	3	18.65	18.73	18.69		
1.4	QPSK	6	0	18.75	18.85	18.64	20.2	0
1.4	16QAM	1	0	18.58	18.77	18.65	20.2	0
1.4	16QAM	1	3	18.58	18.61	18.57		
1.4	16QAM	1	5	18.79	18.71	18.69		
1.4	16QAM	3	0	18.63	18.71	18.75		
1.4	16QAM	3	1	18.66	18.85	18.79		
1.4	16QAM	3	3	18.56	18.80	18.67		
1.4	16QAM	6	0	18.66	18.64	18.70	20.2	0
1.4	64QAM	1	0	18.69	18.72	18.69	20.2	0
1.4	64QAM	1	3	18.65	18.70	18.57		
1.4	64QAM	1	5	18.57	18.64	18.72		
1.4	64QAM	3	0	18.54	18.71	18.74		
1.4	64QAM	3	1	18.60	18.68	18.66		
1.4	64QAM	3	3	18.54	18.63	18.58		
1.4	64QAM	6	0	18.57	18.77	18.63	20.2	0
1.4	256QAM	1	0	18.49	18.72	18.47	20.2	0
1.4	256QAM	1	3	18.53	18.61	18.39		
1.4	256QAM	1	5	18.44	18.43	18.45		
1.4	256QAM	3	0	18.44	18.66	18.48		
1.4	256QAM	3	1	18.47	18.45	18.36		
1.4	256QAM	3	3	18.34	18.49	18.47		
1.4	256QAM	6	0	18.36	18.49	18.46	20.2	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2586	2596	2610		
20	QPSK	1	0	18.29	18.37	18.31	20	0
20	QPSK	1	49	18.22	18.28	18.17		
20	QPSK	1	99	18.20	18.26	18.22		
20	QPSK	50	0	18.19	18.30	18.20	20	0
20	QPSK	50	24	18.10	18.22	18.15		
20	QPSK	50	50	18.12	18.20	18.12		
20	QPSK	100	0	18.16	18.27	18.26		
20	16QAM	1	0	18.20	18.24	18.15	20	0
20	16QAM	1	49	18.12	18.16	18.15		
20	16QAM	1	99	18.20	18.22	18.16		
20	16QAM	50	0	18.13	18.26	18.19	20	0
20	16QAM	50	24	18.14	18.24	18.14		
20	16QAM	50	50	18.18	18.23	18.18		
20	16QAM	100	0	18.11	18.20	18.13		
20	64QAM	1	0	18.25	18.29	18.11	20	0
20	64QAM	1	49	18.13	18.20	18.14		
20	64QAM	1	99	18.10	18.18	18.11		
20	64QAM	50	0	18.22	18.30	18.15	20	0
20	64QAM	50	24	18.19	18.26	18.15		
20	64QAM	50	50	18.11	18.28	18.12		
20	64QAM	100	0	18.12	18.20	18.12		
20	256QAM	1	0	18.30	18.16	18.19	20	0
20	256QAM	1	49	18.29	18.20	18.25		
20	256QAM	1	99	18.19	18.33	18.19		
20	256QAM	50	0	18.36	18.18	18.26	20	0
20	256QAM	50	24	18.26	18.21	18.22		
20	256QAM	50	50	18.20	18.34	18.20		
20	256QAM	100	0	18.13	18.35	18.26		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2596	2612.5		
15	QPSK	1	0	18.25	18.34	18.23	20	0
15	QPSK	1	37	18.14	18.25	18.08		
15	QPSK	1	74	18.11	18.20	18.19		
15	QPSK	36	0	18.11	18.23	18.16	20	0
15	QPSK	36	20	18.07	18.14	18.12		
15	QPSK	36	39	18.04	18.12	18.08		
15	QPSK	75	0	18.12	18.24	18.23		
15	16QAM	1	0	18.14	18.22	18.09	20	0
15	16QAM	1	37	18.03	18.12	18.12		
15	16QAM	1	74	18.11	18.15	18.13		
15	16QAM	36	0	18.06	18.20	18.15	20	0
15	16QAM	36	20	18.11	18.18	18.09		
15	16QAM	36	39	18.13	18.14	18.15		
15	16QAM	75	0	18.04	18.15	18.08		
15	64QAM	1	0	18.22	18.23	18.01	20	0
15	64QAM	1	37	18.11	18.17	18.10		
15	64QAM	1	74	18.06	18.12	18.02		
15	64QAM	36	0	18.17	18.25	18.11	20	0
15	64QAM	36	20	18.12	18.17	18.08		
15	64QAM	36	39	18.02	18.20	18.07		
15	64QAM	75	0	18.09	18.12	18.02		
15	256QAM	1	0	18.22	18.09	18.14	20	0
15	256QAM	1	37	18.22	18.15	18.16		
15	256QAM	1	74	18.10	18.25	18.15		
15	256QAM	36	0	18.26	18.10	18.21	20	0
15	256QAM	36	20	18.18	18.15	18.15		
15	256QAM	36	39	18.11	18.29	18.12		
15	256QAM	75	0	18.11	18.26	18.18		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2596	2615		
10	QPSK	1	0	18.21	18.30	18.26	20	0
10	QPSK	1	25	18.17	18.23	18.10		
10	QPSK	1	49	18.16	18.21	18.17		
10	QPSK	25	0	18.14	18.20	18.11	20	0
10	QPSK	25	12	18.02	18.13	18.09		
10	QPSK	25	25	18.08	18.12	18.07		
10	QPSK	50	0	18.11	18.19	18.20		
10	16QAM	1	0	18.15	18.21	18.07	20	0
10	16QAM	1	25	18.03	18.07	18.09		
10	16QAM	1	49	18.13	18.15	18.09		
10	16QAM	25	0	18.06	18.23	18.10	20	0
10	16QAM	25	12	18.07	18.19	18.07		
10	16QAM	25	25	18.10	18.19	18.15		
10	16QAM	50	0	18.02	18.16	18.10		
10	64QAM	1	0	18.18	18.21	18.07	20	0
10	64QAM	1	25	18.05	18.17	18.07		
10	64QAM	1	49	18.07	18.15	18.06		
10	64QAM	25	0	18.19	18.25	18.09	20	0
10	64QAM	25	12	18.12	18.17	18.08		
10	64QAM	25	25	18.06	18.26	18.06		
10	64QAM	50	0	18.05	18.13	18.06		
10	256QAM	1	0	18.26	18.10	18.13	20	0
10	256QAM	1	25	18.25	18.11	18.20		
10	256QAM	1	49	18.10	18.30	18.10		
10	256QAM	25	0	18.32	18.10	18.22	20	0
10	256QAM	25	12	18.20	18.11	18.13		
10	256QAM	25	25	18.15	18.26	18.14		
10	256QAM	50	0	18.03	18.26	18.19		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2596	2617.5		
5	QPSK	1	0	18.24	18.30	18.27	20	0
5	QPSK	1	12	18.16	18.19	18.13		
5	QPSK	1	24	18.16	18.23	18.14		
5	QPSK	12	0	18.11	18.24	18.16	20	0
5	QPSK	12	7	18.01	18.18	18.05		
5	QPSK	12	13	18.05	18.14	18.09		
5	QPSK	25	0	18.11	18.21	18.22		
5	16QAM	1	0	18.13	18.21	18.12	20	0
5	16QAM	1	12	18.08	18.10	18.06		
5	16QAM	1	24	18.17	18.16	18.06		
5	16QAM	12	0	18.11	18.17	18.11	20	0
5	16QAM	12	7	18.07	18.15	18.08		
5	16QAM	12	13	18.10	18.19	18.10		
5	16QAM	25	0	18.07	18.11	18.03		
5	64QAM	1	0	18.16	18.23	18.02	20	0
5	64QAM	1	12	18.04	18.17	18.09		
5	64QAM	1	24	18.03	18.14	18.02		
5	64QAM	12	0	18.14	18.23	18.06	20	0
5	64QAM	12	7	18.16	18.21	18.05		
5	64QAM	12	13	18.03	18.24	18.06		
5	64QAM	25	0	18.09	18.17	18.09		
5	256QAM	1	0	18.21	18.07	18.13	20	0
5	256QAM	1	12	18.21	18.12	18.20		
5	256QAM	1	24	18.13	18.25	18.09		
5	256QAM	12	0	18.27	18.10	18.20	20	0
5	256QAM	12	7	18.22	18.19	18.15		
5	256QAM	12	13	18.16	18.30	18.13		
5	256QAM	25	0	18.06	18.26	18.22		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	18.50	18.61	18.65	18.62	18.55	20	0
20	QPSK	1	49	18.61	18.64	18.63	18.61	18.61		
20	QPSK	1	99	18.55	18.55	18.64	18.52	18.54		
20	QPSK	50	0	18.55	18.49	18.59	18.51	18.51	20	0
20	QPSK	50	24	18.53	18.47	18.47	18.49	18.55		
20	QPSK	50	50	18.47	18.40	18.55	18.34	18.43		
20	QPSK	100	0	18.50	18.40	18.58	18.44	18.53		
20	16QAM	1	0	18.45	18.48	18.55	18.53	18.59	20	0
20	16QAM	1	49	18.31	18.50	18.52	18.38	18.40		
20	16QAM	1	99	18.51	18.38	18.54	18.44	18.49		
20	16QAM	50	0	18.40	18.33	18.58	18.44	18.40	20	0
20	16QAM	50	24	18.46	18.53	18.51	18.29	18.56		
20	16QAM	50	50	18.57	18.49	18.48	18.47	18.50		
20	16QAM	100	0	18.47	18.40	18.46	18.51	18.32		
20	64QAM	1	0	18.55	18.55	18.58	18.42	18.36	20	0
20	64QAM	1	49	18.44	18.38	18.44	18.38	18.42		
20	64QAM	1	99	18.38	18.53	18.51	18.47	18.33		
20	64QAM	50	0	18.61	18.41	18.58	18.39	18.62	20	0
20	64QAM	50	24	18.46	18.55	18.53	18.48	18.41		
20	64QAM	50	50	18.22	18.49	18.57	18.31	18.36		
20	64QAM	100	0	18.27	18.48	18.56	18.45	18.32		
20	256QAM	1	0	18.42	18.31	18.52	18.40	18.47	19	1
20	256QAM	1	49	18.38	18.35	18.52	18.31	18.41		
20	256QAM	1	99	18.22	18.31	18.28	18.31	18.14		
20	256QAM	50	0	18.61	18.48	18.61	18.50	18.54	19	1
20	256QAM	50	24	18.41	18.46	18.51	18.43	18.36		
20	256QAM	50	50	18.43	18.35	18.49	18.38	18.42		
20	256QAM	100	0	18.57	18.50	18.61	18.54	18.62		
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	18.44	18.55	18.58	18.60	18.49	20.00	0
15	QPSK	1	37	18.56	18.61	18.54	18.55	18.53		
15	QPSK	1	74	18.53	18.51	18.57	18.45	18.46		
15	QPSK	36	0	18.46	18.40	18.49	18.43	18.43	20	0
15	QPSK	36	20	18.43	18.42	18.43	18.44	18.51		
15	QPSK	36	39	18.41	18.33	18.46	18.32	18.41		
15	QPSK	75	0	18.47	18.31	18.54	18.39	18.48		
15	16QAM	1	0	18.41	18.39	18.45	18.49	18.54	20	0
15	16QAM	1	37	18.22	18.48	18.45	18.29	18.38		
15	16QAM	1	74	18.45	18.36	18.52	18.38	18.44		
15	16QAM	36	0	18.32	18.31	18.53	18.42	18.32	20	0
15	16QAM	36	20	18.40	18.49	18.43	18.20	18.53		
15	16QAM	36	39	18.51	18.43	18.39	18.39	18.45		
15	16QAM	75	0	18.39	18.31	18.42	18.46	18.23		
15	64QAM	1	0	18.49	18.49	18.54	18.39	18.31	20	0
15	64QAM	1	37	18.42	18.32	18.35	18.32	18.37		
15	64QAM	1	74	18.31	18.47	18.43	18.43	18.25		
15	64QAM	36	0	18.51	18.36	18.51	18.37	18.57	20	0
15	64QAM	36	20	18.41	18.48	18.47	18.44	18.35		
15	64QAM	36	39	18.16	18.43	18.55	18.21	18.28		
15	64QAM	75	0	18.18	18.43	18.50	18.39	18.29		
15	256QAM	1	0	18.32	18.18	18.40	18.26	18.34	19	1
15	256QAM	1	37	18.24	18.20	18.41	18.16	18.35		
15	256QAM	1	74	18.11	18.20	18.25	18.25	18.11		
15	256QAM	36	0	18.56	18.38	18.56	18.45	18.43	19	1
15	256QAM	36	20	18.37	18.32	18.42	18.30	18.22		
15	256QAM	36	39	18.28	18.23	18.37	18.24	18.30		
15	256QAM	75	0	18.45	18.45	18.53	18.43	18.56		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	18.45	18.51	18.56	18.58	18.48	20.00	0
10	QPSK	1	25	18.56	18.55	18.56	18.54	18.58		
10	QPSK	1	49	18.45	18.48	18.55	18.42	18.47		
10	QPSK	25	0	18.52	18.46	18.55	18.47	18.46	20	0
10	QPSK	25	12	18.51	18.40	18.44	18.45	18.46		
10	QPSK	25	25	18.44	18.36	18.45	18.25	18.37		
10	QPSK	50	0	18.43	18.36	18.56	18.35	18.48		
10	16QAM	1	0	18.36	18.43	18.50	18.45	18.51	20	0
10	16QAM	1	25	18.26	18.46	18.48	18.34	18.35		
10	16QAM	1	49	18.41	18.33	18.45	18.41	18.42		
10	16QAM	25	0	18.35	18.25	18.55	18.35	18.35	20	0
10	16QAM	25	12	18.42	18.49	18.46	18.19	18.50		
10	16QAM	25	25	18.52	18.46	18.42	18.42	18.43		
10	16QAM	50	0	18.45	18.37	18.41	18.48	18.26		
10	64QAM	1	0	18.52	18.52	18.55	18.33	18.32	20	0
10	64QAM	1	25	18.40	18.32	18.36	18.35	18.35		
10	64QAM	1	49	18.28	18.46	18.43	18.45	18.23		
10	64QAM	25	0	18.55	18.32	18.53	18.30	18.60	20	0
10	64QAM	25	12	18.40	18.51	18.51	18.41	18.35		
10	64QAM	25	25	18.16	18.45	18.49	18.21	18.26		
10	64QAM	50	0	18.25	18.43	18.51	18.39	18.28		
10	256QAM	1	0	18.35	18.27	18.38	18.36	18.35	19	1
10	256QAM	1	25	18.26	18.23	18.46	18.26	18.30		
10	256QAM	1	49	18.08	18.21	18.23	18.24	18.03		
10	256QAM	25	0	18.55	18.38	18.55	18.44	18.50	19	1
10	256QAM	25	12	18.32	18.42	18.37	18.39	18.29		
10	256QAM	25	25	18.30	18.31	18.41	18.25	18.36		
10	256QAM	50	0	18.52	18.39	18.62	18.45	18.58		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	18.48	18.52	18.63	18.58	18.49	20.00	0
5	QPSK	1	12	18.54	18.61	18.56	18.52	18.58		
5	QPSK	1	24	18.52	18.51	18.58	18.49	18.45		
5	QPSK	12	0	18.46	18.46	18.50	18.41	18.43	20	0
5	QPSK	12	7	18.50	18.38	18.40	18.45	18.49		
5	QPSK	12	13	18.45	18.37	18.53	18.26	18.41		
5	QPSK	25	0	18.42	18.30	18.56	18.41	18.49		
5	16QAM	1	0	18.39	18.45	18.49	18.45	18.57	20	0
5	16QAM	1	12	18.25	18.42	18.47	18.32	18.32		
5	16QAM	1	24	18.44	18.34	18.47	18.41	18.41		
5	16QAM	12	0	18.31	18.23	18.54	18.35	18.32	20	0
5	16QAM	12	7	18.37	18.45	18.48	18.26	18.47		
5	16QAM	12	13	18.48	18.43	18.40	18.41	18.43		
5	16QAM	25	0	18.38	18.31	18.39	18.47	18.28		
5	64QAM	1	0	18.50	18.49	18.51	18.33	18.30	20	0
5	64QAM	1	12	18.35	18.28	18.37	18.35	18.33		
5	64QAM	1	24	18.29	18.44	18.46	18.41	18.27		
5	64QAM	12	0	18.52	18.34	18.52	18.36	18.53	20	0
5	64QAM	12	7	18.44	18.52	18.43	18.42	18.35		
5	64QAM	12	13	18.14	18.40	18.54	18.28	18.33		
5	64QAM	25	0	18.23	18.41	18.49	18.36	18.27		
5	256QAM	1	0	18.36	18.24	18.40	18.27	18.44	19	1
5	256QAM	1	12	18.26	18.24	18.46	18.21	18.30		
5	256QAM	1	24	18.10	18.27	18.25	18.19	18.00		
5	256QAM	12	0	18.55	18.38	18.60	18.38	18.50	19	1
5	256QAM	12	7	18.27	18.37	18.44	18.31	18.24		
5	256QAM	12	13	18.33	18.21	18.38	18.34	18.35		
5	256QAM	25	0	18.47	18.38	18.54	18.49	18.48		

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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	2548.5	2593	2636.5	2680		
20	QPSK	1	0	19.98	20.09	20.25	20.12	20.00		
20	QPSK	1	49	20.04	20.04	19.97	20.00	20.00	21.6	0
20	QPSK	1	99	19.96	20.07	20.04	20.01	19.96		
20	QPSK	50	0	19.89	19.97	20.07	19.94	19.97		
20	QPSK	50	24	19.83	19.88	19.95	19.99	20.03	21.6	0
20	QPSK	50	50	19.79	19.97	20.01	19.84	19.90		
20	QPSK	100	0	19.89	19.88	20.05	19.81	19.98		
20	16QAM	1	0	19.89	19.97	20.04	19.93	20.00		
20	16QAM	1	49	19.77	19.91	19.92	19.82	19.80	21.6	0
20	16QAM	1	99	19.81	19.91	19.95	19.85	19.95		
20	16QAM	50	0	19.81	19.82	20.02	19.82	19.95		
20	16QAM	50	24	19.91	19.90	19.97	19.82	19.93	21.6	0
20	16QAM	50	50	19.88	19.95	19.92	19.89	19.86		
20	16QAM	100	0	19.84	19.82	19.98	19.79	19.75		
20	64QAM	1	0	19.85	19.98	19.95	19.90	19.82		
20	64QAM	1	49	19.92	19.83	19.87	19.85	19.98	21.6	0
20	64QAM	1	99	19.77	19.96	19.97	19.84	19.77		
20	64QAM	50	0	19.95	19.89	20.01	19.81	20.06		
20	64QAM	50	24	19.87	19.88	19.95	19.89	19.91	21.6	0
20	64QAM	50	50	19.68	19.92	20.07	19.75	19.74		
20	64QAM	100	0	19.69	19.77	20.02	19.88	19.75		
20	256QAM	1	0	19.93	19.99	20.02	19.94	19.92		
20	256QAM	1	49	19.82	19.85	20.00	19.88	19.90	21.6	0
20	256QAM	1	99	19.90	19.91	19.93	19.93	19.84		
20	256QAM	50	0	19.95	19.92	20.07	19.70	19.93		
20	256QAM	50	24	19.91	19.92	19.99	19.90	19.95	21.6	0
20	256QAM	50	50	19.73	19.98	19.97	19.82	19.88		
20	256QAM	100	0	19.82	19.78	19.87	19.85	19.72		
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	19.96	20.00	20.22	20.07	19.93		
15	QPSK	1	37	20.01	20.02	19.94	19.94	19.94	22	0
15	QPSK	1	74	19.91	19.97	19.95	19.99	19.87		
15	QPSK	36	0	19.86	19.89	20.03	19.88	19.89		
15	QPSK	36	20	19.80	19.81	19.88	19.91	20.00	21.6	0
15	QPSK	36	39	19.73	19.89	19.93	19.80	19.86		
15	QPSK	75	0	19.86	19.79	19.99	19.73	19.95		
15	16QAM	1	0	19.86	19.90	19.97	19.88	19.93		
15	16QAM	1	37	19.75	19.85	19.82	19.78	19.75	21.6	0
15	16QAM	1	74	19.77	19.83	19.86	19.79	19.92		
15	16QAM	36	0	19.73	19.78	19.96	19.78	19.85		
15	16QAM	36	20	19.86	19.80	19.87	19.73	19.89	21.6	0
15	16QAM	36	39	19.79	19.92	19.86	19.80	19.76		
15	16QAM	75	0	19.76	19.74	19.91	19.73	19.69		
15	64QAM	1	0	19.76	19.90	19.92	19.83	19.80		
15	64QAM	1	37	19.87	19.73	19.83	19.78	19.89	21.6	0
15	64QAM	1	74	19.70	19.93	19.91	19.77	19.73		
15	64QAM	36	0	19.91	19.85	19.91	19.72	19.97		
15	64QAM	36	20	19.81	19.80	19.89	19.85	19.87	21.6	0
15	64QAM	36	39	19.65	19.82	20.02	19.70	19.64		
15	64QAM	75	0	19.63	19.73	19.97	19.81	19.72		
15	256QAM	1	0	19.87	19.93	19.99	19.90	19.85		
15	256QAM	1	37	19.80	19.78	19.92	19.81	19.87	21.6	0
15	256QAM	1	74	19.86	19.88	19.90	19.87	19.79		
15	256QAM	36	0	19.88	19.88	20.00	19.68	19.85		
15	256QAM	36	20	19.84	19.83	19.92	19.84	19.86	21.6	0
15	256QAM	36	39	19.64	19.95	19.90	19.78	19.79		
15	256QAM	75	0	19.79	19.74	19.79	19.80	19.63		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	19.94	20.00	20.16	20.06	19.91		
10	QPSK	1	25	20.01	19.99	19.95	19.95	19.96	22	0
10	QPSK	1	49	19.87	20.03	19.95	19.99	19.87		
10	QPSK	25	0	19.81	19.89	20.04	19.85	19.89		
10	QPSK	25	12	19.80	19.83	19.86	19.95	20.00	21.6	0
10	QPSK	25	25	19.77	19.92	19.91	19.76	19.85		
10	QPSK	50	0	19.81	19.85	20.02	19.74	19.94		
10	16QAM	1	0	19.84	19.95	19.95	19.85	19.90		
10	16QAM	1	25	19.69	19.82	19.89	19.77	19.77	21.6	0
10	16QAM	1	49	19.77	19.87	19.86	19.76	19.88		
10	16QAM	25	0	19.77	19.73	19.96	19.78	19.93		
10	16QAM	25	12	19.85	19.85	19.91	19.80	19.85	21.6	0
10	16QAM	25	25	19.78	19.92	19.83	19.79	19.79		
10	16QAM	50	0	19.81	19.75	19.92	19.72	19.68		
10	64QAM	1	0	19.80	19.94	19.86	19.84	19.79		
10	64QAM	1	25	19.87	19.79	19.80	19.79	19.92	21.6	0
10	64QAM	1	49	19.67	19.93	19.93	19.76	19.75		
10	64QAM	25	0	19.87	19.86	19.95	19.78	20.00		
10	64QAM	25	12	19.84	19.82	19.92	19.79	19.85	21.6	0
10	64QAM	25	25	19.62	19.82	20.00	19.66	19.67		
10	64QAM	50	0	19.64	19.72	19.99	19.80	19.67		
10	256QAM	1	0	19.86	19.96	19.93	19.88	19.84		
10	256QAM	1	25	19.78	19.82	19.94	19.85	19.86	21.6	0
10	256QAM	1	49	19.86	19.86	19.90	19.85	19.76		
10	256QAM	25	0	19.88	19.84	19.98	19.60	19.89		
10	256QAM	25	12	19.85	19.86	19.96	19.82	19.92	21.6	0
10	256QAM	25	25	19.70	19.91	19.91	19.72	19.82		
10	256QAM	50	0	19.72	19.76	19.83	19.76	19.68		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	19.95	20.01	20.17	20.04	19.92		
5	QPSK	1	12	19.98	20.02	19.94	19.98	19.95	22	0
5	QPSK	1	24	19.87	19.98	20.01	19.95	19.87		
5	QPSK	12	0	19.82	19.89	19.99	19.86	19.88		
5	QPSK	12	7	19.73	19.81	19.90	19.90	19.94	21.6	0
5	QPSK	12	13	19.70	19.89	19.95	19.76	19.85		
5	QPSK	25	0	19.85	19.86	20.02	19.74	19.92		
5	16QAM	1	0	19.85	19.91	19.95	19.83	19.93		
5	16QAM	1	12	19.72	19.82	19.84	19.74	19.72	21.6	0
5	16QAM	1	24	19.79	19.84	19.92	19.79	19.91		
5	16QAM	12	0	19.72	19.79	19.99	19.77	19.92		
5	16QAM	12	7	19.87	19.86	19.87	19.75	19.85	21.6	0
5	16QAM	12	13	19.85	19.91	19.89	19.81	19.82		
5	16QAM	25	0	19.80	19.75	19.92	19.72	19.69		
5	64QAM	1	0	19.80	19.93	19.91	19.84	19.78		
5	64QAM	1	12	19.84	19.78	19.83	19.75	19.94	21.6	0
5	64QAM	1	24	19.73	19.90	19.95	19.82	19.72		
5	64QAM	12	0	19.89	19.85	19.94	19.75	20.02		
5	64QAM	12	7	19.81	19.82	19.91	19.85	19.81	21.6	0
5	64QAM	12	13	19.61	19.86	20.02	19.71	19.70		
5	64QAM	25	0	19.63	19.71	19.96	19.82	19.66		
5	256QAM	1	0	19.88	19.91	19.96	19.88	19.89		
5	256QAM	1	12	19.75	19.79	19.91	19.82	19.86	21.6	0
5	256QAM	1	24	19.83	19.84	19.85	19.86	19.75		
5	256QAM	12	0	19.89	19.84	19.99	19.65	19.90		
5	256QAM	12	7	19.88	19.89	19.94	19.88	19.93	21.6	0
5	256QAM	12	13	19.65	19.96	19.91	19.73	19.84		
5	256QAM	25	0	19.76	19.71	19.82	19.83	19.65		

Band 48 DSI2_Simultaneous Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	16.89	16.98	16.86	16.94		
20	QPSK	1	49	16.87	16.96	16.85	16.80	18	0
20	QPSK	1	99	16.72	16.90	16.77	16.78		
20	QPSK	50	0	16.82	16.93	16.75	16.87		
20	QPSK	50	24	16.76	16.80	16.72	16.67	18	0
20	QPSK	50	50	16.72	16.76	16.66	16.68		
20	QPSK	100	0	16.81	16.86	16.81	16.80		
20	16QAM	1	0	16.86	16.89	16.73	16.76		
20	16QAM	1	49	16.69	16.78	16.54	16.75	18	0
20	16QAM	1	99	16.76	16.82	16.71	16.72		
20	16QAM	50	0	16.75	16.98	16.71	16.68		
20	16QAM	50	24	16.67	16.88	16.68	16.66	18	0
20	16QAM	50	50	16.83	16.81	16.84	16.78		
20	16QAM	100	0	16.70	16.85	16.68	16.71		
20	64QAM	1	0	16.57	16.82	16.77	16.65		
20	64QAM	1	49	16.77	16.87	16.70	16.62	18	0
20	64QAM	1	99	16.67	16.82	16.84	16.76		
20	64QAM	50	0	16.71	16.84	16.78	16.67		
20	64QAM	50	24	16.74	16.84	16.64	16.72	18	0
20	64QAM	50	50	16.69	16.79	16.67	16.62		
20	64QAM	100	0	16.78	16.72	16.62	16.73		
20	256QAM	1	0	16.70	16.79	16.72	16.64		
20	256QAM	1	49	16.70	16.79	16.76	16.60	17.5	0.5
20	256QAM	1	99	16.67	16.75	16.63	16.52		
20	256QAM	50	0	16.54	16.67	16.51	16.62		
20	256QAM	50	24	16.58	16.66	16.56	16.66	17.5	0.5
20	256QAM	50	50	16.56	16.59	16.59	16.47		
20	256QAM	100	0	16.58	16.66	16.59	16.52		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	16.84	16.88	16.80	16.84		
15	QPSK	1	37	16.84	16.94	16.74	16.76	18	0
15	QPSK	1	74	16.62	16.86	16.72	16.74		
15	QPSK	36	0	16.76	16.80	16.73	16.78		
15	QPSK	36	20	16.68	16.71	16.69	16.56	18	0
15	QPSK	36	39	16.60	16.72	16.61	16.63		
15	QPSK	75	0	16.78	16.77	16.78	16.76		
15	16QAM	1	0	16.78	16.85	16.59	16.72		
15	16QAM	1	37	16.60	16.69	16.45	16.73	18	0
15	16QAM	1	74	16.65	16.76	16.64	16.60		
15	16QAM	36	0	16.65	16.93	16.65	16.59		
15	16QAM	36	20	16.58	16.75	16.61	16.57	18	0
15	16QAM	36	39	16.73	16.70	16.75	16.66		
15	16QAM	75	0	16.68	16.79	16.65	16.65		
15	64QAM	1	0	16.46	16.77	16.70	16.56		
15	64QAM	1	37	16.74	16.73	16.63	16.53	18	0
15	64QAM	1	74	16.59	16.74	16.80	16.69		
15	64QAM	36	0	16.69	16.81	16.72	16.58		
15	64QAM	36	20	16.60	16.71	16.52	16.69	18	0
15	64QAM	36	39	16.63	16.67	16.59	16.55		
15	64QAM	75	0	16.65	16.62	16.57	16.64		
15	256QAM	1	0	16.62	16.73	16.61	16.61		
15	256QAM	1	37	16.59	16.65	16.74	16.49	17.5	0.5
15	256QAM	1	74	16.57	16.68	16.51	16.39		
15	256QAM	36	0	16.47	16.53	16.37	16.57		
15	256QAM	36	20	16.47	16.52	16.43	16.53	17.5	0.5
15	256QAM	36	39	16.48	16.49	16.57	16.41		
15	256QAM	75	0	16.47	16.63	16.50	16.40		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	16.83	16.89	16.78	16.91		
10	QPSK	1	25	16.84	16.88	16.74	16.72	18	0
10	QPSK	1	49	16.60	16.85	16.75	16.71		
10	QPSK	25	0	16.70	16.88	16.63	16.74		
10	QPSK	25	12	16.66	16.73	16.66	16.65	18	0
10	QPSK	25	25	16.62	16.64	16.57	16.54		
10	QPSK	50	0	16.68	16.74	16.76	16.72		
10	16QAM	1	0	16.74	16.83	16.60	16.66		
10	16QAM	1	25	16.65	16.73	16.47	16.69	18	0
10	16QAM	1	49	16.69	16.70	16.64	16.63		
10	16QAM	25	0	16.64	16.93	16.59	16.63		
10	16QAM	25	12	16.56	16.75	16.63	16.63	18	0
10	16QAM	25	25	16.72	16.72	16.70	16.69		
10	16QAM	50	0	16.57	16.80	16.59	16.60		
10	64QAM	1	0	16.45	16.70	16.68	16.58		
10	64QAM	1	25	16.73	16.75	16.61	16.58	18	0
10	64QAM	1	49	16.60	16.79	16.73	16.70		
10	64QAM	25	0	16.63	16.70	16.69	16.60		
10	64QAM	25	12	16.61	16.79	16.60	16.62	18	0
10	64QAM	25	25	16.65	16.69	16.56	16.55		
10	64QAM	50	0	16.64	16.68	16.51	16.67		
10	256QAM	1	0	16.65	16.72	16.64	16.53		
10	256QAM	1	25	16.65	16.73	16.68	16.53	17.5	0.5
10	256QAM	1	49	16.60	16.62	16.59	16.41		
10	256QAM	25	0	16.41	16.59	16.41	16.48		
10	256QAM	25	12	16.56	16.62	16.51	16.58	17.5	0.5
10	256QAM	25	25	16.43	16.47	16.51	16.35		
10	256QAM	50	0	16.52	16.60	16.52	16.45		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3553.5	3607	3643	3697.5		
5	QPSK	1	0	16.82	16.95	16.74	16.90		
5	QPSK	1	12	16.75	16.87	16.75	16.72	18	0
5	QPSK	1	24	16.62	16.85	16.70	16.68		
5	QPSK	12	0	16.75	16.86	16.71	16.74		
5	QPSK	12	7	16.68	16.71	16.61	16.57	18	0
5	QPSK	12	13	16.63	16.71	16.59	16.63		
5	QPSK	25	0	16.76	16.79	16.75	16.75		
5	16QAM	1	0	16.79	16.84	16.64	16.62		
5	16QAM	1	12	16.55	16.75	16.50	16.68	18	0
5	16QAM	1	24	16.69	16.73	16.67	16.66		
5	16QAM	12	0	16.72	16.84	16.67	16.65		
5	16QAM	12	7	16.56	16.84	16.63	16.54	18	0
5	16QAM	12	13	16.75	16.73	16.81	16.70		
5	16QAM	25	0	16.62	16.82	16.57	16.65		
5	64QAM	1	0	16.54	16.69	16.74	16.59		
5	64QAM	1	12	16.66	16.81	16.56	16.58	18	0
5	64QAM	1	24	16.64	16.70	16.71	16.66		
5	64QAM	12	0	16.59	16.80	16.75	16.65		
5	64QAM	12	7	16.61	16.75	16.50	16.66	18	0
5	64QAM	12	13	16.62	16.74	16.57	16.49		
5	64QAM	25	0	16.74	16.65	16.49	16.71		
5	256QAM	1	0	16.60	16.77	16.62	16.59		
5	256QAM	1	12	16.61	16.68	16.71	16.51	17.5	0.5
5	256QAM	1	24	16.64	16.68	16.52	16.42		
5	256QAM	12	0	16.45	16.54	16.45	16.58		
5	256QAM	12	7	16.52	16.55	16.47	16.60	17.5	0.5
5	256QAM	12	13	16.53	16.54	16.56	16.37		
5	256QAM	25	0	16.52	16.52	16.54	16.39		

Reduced Power Mode for DSI3-Standalone

S/N:	GSM850 Ant0	Default							
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		32.90	32.97	32.94	33.50	23.90	23.97	23.94	24.50
GPRS 1 Tx slot		32.83	32.94	32.91	33.50	23.83	23.94	23.91	24.50
GPRS 2 Tx slots		29.30	29.41	29.26	30.50	23.30	23.41	23.26	24.50
GPRS 3 Tx slots		28.91	28.98	28.86	30.00	24.65	24.72	24.60	25.74
GPRS 4 Tx slots		26.41	26.47	26.40	27.50	23.41	23.47	23.40	24.50
EDGE 1 Tx slot		25.42	25.46	25.37	26.50	16.42	16.46	16.37	17.50
EDGE 2 Tx slots		23.77	23.89	23.79	25.00	17.77	17.89	17.79	19.00
EDGE 3 Tx slots		22.66	22.69	22.62	23.50	18.40	18.43	18.36	19.24
EDGE 4 Tx slots		20.59	20.63	20.60	21.50	17.59	17.63	17.60	18.50

GSM1900 Ant0		Default							
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		27.61	27.66	27.57	28.50	18.61	18.66	18.57	19.50
GPRS 1 Tx slot		27.54	27.63	27.58	28.50	18.54	18.63	18.58	19.50
GPRS 2 Tx slots		24.84	24.94	24.83	26.00	18.84	18.94	18.83	20.00
GPRS 3 Tx slots		23.33	23.39	23.33	24.50	19.07	19.13	19.07	20.24
GPRS 4 Tx slots		20.70	20.75	20.68	21.50	17.70	17.75	17.68	18.50
EDGE 1 Tx slot		22.79	22.87	22.73	23.50	13.79	13.87	13.73	14.50
EDGE 2 Tx slots		21.09	21.19	21.11	22.00	15.09	15.19	15.11	16.00
EDGE 3 Tx slots		20.07	20.12	20.04	21.00	15.81	15.86	15.78	16.74
EDGE 4 Tx slots		17.96	18.09	18.04	19.00	14.96	15.09	15.04	16.00

		Default WCDMA II Ant0				Default WCDMA IV Ant0				Default WCDMA V Ant0			
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	1732.8	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	20.57	20.65	20.53	22.00	20.39	20.47	20.38	22.00	22.43	22.47	22.40	24.00
3GPP Rel 99	RMC 12.2Kbps	20.62	20.68	20.57	22.00	20.45	20.51	20.41	22.00	22.45	22.52	22.46	24.00
3GPP Rel 6	HSDPA Subtest-1	19.72	19.76	19.70	21.00	19.59	19.66	19.50	21.00	21.55	21.69	21.48	23.00
3GPP Rel 6	HSDPA Subtest-2	19.66	19.73	19.65	21.00	19.50	19.58	19.52	21.00	21.46	21.60	21.54	23.00
3GPP Rel 6	HSDPA Subtest-3	19.19	19.25	19.23	20.50	19.00	19.11	19.08	20.50	21.01	21.14	21.04	22.50
3GPP Rel 6	HSDPA Subtest-4	19.15	19.30	19.21	20.50	18.96	19.18	19.03	20.50	20.98	21.24	21.06	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	19.70	19.85	19.64	21.00	19.54	19.68	19.46	21.00	21.55	21.72	21.42	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	19.56	19.59	19.41	21.00	19.38	19.40	19.32	21.00	21.34	21.42	21.32	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	19.06	19.12	19.05	20.50	18.92	18.93	18.89	20.50	20.95	20.93	20.92	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	19.02	19.15	19.12	20.50	18.90	18.99	19.01	20.50	20.89	21.00	21.03	22.50
3GPP Rel 6	HSUPA Subtest-1	19.66	19.73	19.70	21.00	19.55	19.63	19.61	21.00	21.61	21.68	21.67	23.00
3GPP Rel 6	HSUPA Subtest-2	17.71	17.75	17.64	19.00	17.54	17.60	17.51	19.00	19.57	19.63	19.50	21.00
3GPP Rel 6	HSUPA Subtest-3	18.65	18.73	18.70	20.00	18.52	18.58	18.58	20.00	20.52	20.59	20.61	22.00
3GPP Rel 6	HSUPA Subtest-4	17.61	17.66	17.57	19.00	17.44	17.51	17.48	19.00	19.45	19.52	19.49	21.00
3GPP Rel 6	HSUPA Subtest-5	19.64	19.60	19.52	21.00	19.53	19.48	19.38	21.00	21.55	21.44	21.40	23.00

Band 2 Default Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	23.11	23.16	23.07	24	0
20	QPSK	1	49	22.93	23.02	22.89		
20	QPSK	1	99	22.99	23.07	22.97		
20	QPSK	50	0	22.98	23.13	23.05	24	0
20	QPSK	50	24	22.94	23.08	22.98		
20	QPSK	50	50	22.92	23.04	22.96		
20	QPSK	100	0	22.99	23.05	22.91		
20	16QAM	1	0	22.95	23.02	22.88	24	0
20	16QAM	1	49	22.85	22.98	22.90		
20	16QAM	1	99	22.70	22.85	22.80		
20	16QAM	50	0	22.55	22.62	22.54	23.5	0.5
20	16QAM	50	24	22.34	22.48	22.34		
20	16QAM	50	50	22.35	22.42	22.27		
20	16QAM	100	0	22.39	22.52	22.47		
20	64QAM	1	0	22.72	22.82	22.72	23.5	0.5
20	64QAM	1	49	22.68	22.76	22.67		
20	64QAM	1	99	22.50	22.55	22.46		
20	64QAM	50	0	21.64	21.71	21.56	22.5	1.5
20	64QAM	50	24	21.46	21.55	21.50		
20	64QAM	50	50	21.42	21.46	21.35		
20	64QAM	100	0	21.43	21.52	21.38		
20	256QAM	1	0	19.80	19.89	19.85	20.5	3.5
20	256QAM	1	49	19.82	19.86	19.80		
20	256QAM	1	99	19.56	19.62	19.57		
20	256QAM	50	0	19.74	19.86	19.80	20.5	3.5
20	256QAM	50	24	19.60	19.73	19.63		
20	256QAM	50	50	19.70	19.81	19.78		
20	256QAM	100	0	19.67	19.78	19.67		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	23.03	23.10	22.99	24	0
15	QPSK	1	37	22.79	22.90	22.82		
15	QPSK	1	74	22.91	22.95	22.83		
15	QPSK	36	0	22.87	22.99	22.90	24	0
15	QPSK	36	20	22.81	22.94	22.87		
15	QPSK	36	39	22.87	22.96	22.82		
15	QPSK	75	0	22.91	23.00	22.89		
15	16QAM	1	0	22.90	22.90	22.79	24	0
15	16QAM	1	37	22.77	22.86	22.83		
15	16QAM	1	74	22.56	22.73	22.66		
15	16QAM	36	0	22.50	22.55	22.45	23.5	0.5
15	16QAM	36	20	22.21	22.37	22.26		
15	16QAM	36	39	22.24	22.31	22.19		
15	16QAM	75	0	22.31	22.48	22.42		
15	64QAM	1	0	22.67	22.68	22.59	23.5	0.5
15	64QAM	1	37	22.59	22.72	22.61		
15	64QAM	1	74	22.42	22.40	22.34		
15	64QAM	36	0	21.56	21.67	21.49	22.5	1.5
15	64QAM	36	20	21.36	21.46	21.43		
15	64QAM	36	39	21.28	21.35	21.23		
15	64QAM	75	0	21.38	21.37	21.29		
15	256QAM	1	0	19.65	19.84	19.70	20.5	3.5
15	256QAM	1	37	19.69	19.82	19.77		
15	256QAM	1	74	19.42	19.51	19.42		
15	256QAM	36	0	19.65	19.73	19.66	20.5	3.5
15	256QAM	36	20	19.48	19.65	19.50		
15	256QAM	36	39	19.66	19.73	19.67		
15	256QAM	75	0	19.58	19.71	19.56		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	23.02	23.04	23.00	24	0
10	QPSK	1	25	22.87	22.88	22.81		
10	QPSK	1	49	22.92	22.94	22.82		
10	QPSK	25	0	22.83	23.01	23.01	24	0
10	QPSK	25	12	22.81	23.00	22.94		
10	QPSK	25	25	22.80	22.89	22.89		
10	QPSK	50	0	22.89	22.95	22.91		
10	16QAM	1	0	22.88	22.90	22.86	24	0
10	16QAM	1	25	22.79	22.91	22.85		
10	16QAM	1	49	22.59	22.73	22.75		
10	16QAM	25	0	22.48	22.51	22.42	23.5	0.5
10	16QAM	25	12	22.20	22.34	22.20		
10	16QAM	25	25	22.26	22.27	22.20		
10	16QAM	50	0	22.28	22.44	22.37		
10	64QAM	1	0	22.60	22.76	22.60	23.5	0.5
10	64QAM	1	25	22.56	22.64	22.58		
10	64QAM	1	49	22.43	22.45	22.32		
10	64QAM	25	0	21.56	21.65	21.45	22.5	1.5
10	64QAM	25	12	21.33	21.46	21.44		
10	64QAM	25	25	21.39	21.36	21.28		
10	64QAM	50	0	21.31	21.39	21.27		
10	256QAM	1	0	19.76	19.86	19.77	20.5	3.5
10	256QAM	1	25	19.77	19.82	19.68		
10	256QAM	1	49	19.52	19.50	19.53		
10	256QAM	25	0	19.60	19.82	19.70	20.5	3.5
10	256QAM	25	12	19.46	19.61	19.51		
10	256QAM	25	25	19.63	19.71	19.66		
10	256QAM	50	0	19.52	19.66	19.61		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	23.02	23.06	22.99	24	0
5	QPSK	1	12	22.88	22.95	22.74		
5	QPSK	1	24	22.90	22.95	22.94		
5	QPSK	12	0	22.93	23.02	22.90	24	0
5	QPSK	12	7	22.89	23.03	22.87		
5	QPSK	12	13	22.80	22.98	22.82		
5	QPSK	25	0	22.88	22.93	22.92		
5	16QAM	1	0	22.91	22.88	22.83	24	0
5	16QAM	1	12	22.79	22.94	22.87		
5	16QAM	1	24	22.58	22.74	22.70		
5	16QAM	12	0	22.40	22.49	22.41	23.5	0.5
5	16QAM	12	7	22.22	22.41	22.27		
5	16QAM	12	13	22.31	22.27	22.14		
5	16QAM	25	0	22.26	22.38	22.37		
5	64QAM	1	0	22.59	22.68	22.64	23.5	0.5
5	64QAM	1	12	22.61	22.73	22.63		
5	64QAM	1	24	22.42	22.44	22.34		
5	64QAM	12	0	21.54	21.68	21.43	22.5	1.5
5	64QAM	12	7	21.31	21.46	21.42		
5	64QAM	12	13	21.29	21.32	21.21		
5	64QAM	25	0	21.30	21.44	21.29		
5	256QAM	1	0	19.74	19.84	19.67	20.5	3.5
5	256QAM	1	12	19.75	19.78	19.67		
5	256QAM	1	24	19.49	19.55	19.49		
5	256QAM	12	0	19.66	19.75	19.71	20.5	3.5
5	256QAM	12	7	19.51	19.69	19.55		
5	256QAM	12	13	19.67	19.74	19.64		
5	256QAM	25	0	19.62	19.73	19.58		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	23.01	23.02	22.96	24	0
3	QPSK	1	8	22.89	22.91	22.86		
3	QPSK	1	14	22.89	22.95	22.83		
3	QPSK	8	0	22.91	23.06	22.98	24	0
3	QPSK	8	4	22.83	23.04	22.92		
3	QPSK	8	7	22.86	22.99	22.83		
3	QPSK	15	0	22.87	22.98	22.90		
3	16QAM	1	0	22.85	22.98	22.83	24	0
3	16QAM	1	8	22.71	22.87	22.78		
3	16QAM	1	14	22.59	22.74	22.65		
3	16QAM	8	0	22.41	22.57	22.40	23.5	0.5
3	16QAM	8	4	22.23	22.41	22.24		
3	16QAM	8	7	22.31	22.33	22.14		
3	16QAM	15	0	22.31	22.45	22.41		
3	64QAM	1	0	22.59	22.77	22.60	23.5	0.5
3	64QAM	1	8	22.55	22.67	22.54		
3	64QAM	1	14	22.42	22.43	22.38		
3	64QAM	8	0	21.56	21.59	21.52	22.5	1.5
3	64QAM	8	4	21.35	21.45	21.35		
3	64QAM	8	7	21.34	21.33	21.27		
3	64QAM	15	0	21.34	21.44	21.30		
3	256QAM	1	0	19.77	19.76	19.69	20.5	3.5
3	256QAM	1	8	19.76	19.79	19.65		
3	256QAM	1	14	19.52	19.58	19.51		
3	256QAM	8	0	19.71	19.75	19.75	20.5	3.5
3	256QAM	8	4	19.50	19.68	19.59		
3	256QAM	8	7	19.60	19.66	19.73		
3	256QAM	15	0	19.63	19.70	19.59		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	23.04	23.11	23.01	24	0
1.4	QPSK	1	3	22.83	22.95	22.74		
1.4	QPSK	1	5	22.86	22.99	22.85		
1.4	QPSK	3	0	22.85	23.08	23.01		
1.4	QPSK	3	1	22.85	23.04	22.84		
1.4	QPSK	3	3	22.78	22.94	22.88		
1.4	QPSK	6	0	22.84	23.00	22.90	24	0
1.4	16QAM	1	0	22.80	22.93	22.87	24	0
1.4	16QAM	1	3	22.82	22.86	22.78		
1.4	16QAM	1	5	22.86	22.93	22.90		
1.4	16QAM	3	0	22.83	22.95	22.79		
1.4	16QAM	3	1	22.78	22.88	22.80		
1.4	16QAM	3	3	22.61	22.77	22.73		
1.4	16QAM	6	0	22.51	22.52	22.43	23.5	0.5
1.4	64QAM	1	0	22.19	22.34	22.24	23.5	0.5
1.4	64QAM	1	3	22.21	22.32	22.21		
1.4	64QAM	1	5	22.25	22.45	22.39		
1.4	64QAM	3	0	22.58	22.77	22.63		
1.4	64QAM	3	1	22.60	22.67	22.52		
1.4	64QAM	3	3	22.35	22.40	22.40		
1.4	64QAM	6	0	21.53	21.61	21.43	22.5	1.5
1.4	256QAM	1	0	19.76	19.83	19.76	20.5	3.5
1.4	256QAM	1	3	19.77	19.82	19.69		
1.4	256QAM	1	5	19.47	19.55	19.49		
1.4	256QAM	3	0	19.67	19.82	19.67		
1.4	256QAM	3	1	19.47	19.66	19.54		
1.4	256QAM	3	3	19.62	19.75	19.72		
1.4	256QAM	6	0	19.57	19.73	19.54	20.5	3.5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	22.68	22.74	22.61	23.5	0
20	QPSK	1	49	22.63	22.70	22.63		
20	QPSK	1	99	22.65	22.65	22.64		
20	QPSK	50	0	22.62	22.71	22.56	23.5	0
20	QPSK	50	24	22.50	22.66	22.59		
20	QPSK	50	50	22.55	22.64	22.66		
20	QPSK	100	0	22.56	22.63	22.50		
20	16QAM	1	0	22.63	22.58	22.55	23.5	0
20	16QAM	1	49	22.52	22.58	22.49		
20	16QAM	1	99	22.57	22.52	22.55		
20	16QAM	50	0	22.62	22.61	22.59	23.5	0
20	16QAM	50	24	22.47	22.62	22.60		
20	16QAM	50	50	22.49	22.58	22.46		
20	16QAM	100	0	22.49	22.63	22.52		
20	64QAM	1	0	22.44	22.59	22.57	23.5	0
20	64QAM	1	49	22.55	22.63	22.59		
20	64QAM	1	99	22.53	22.67	22.45		
20	64QAM	50	0	21.86	21.97	21.80	22.5	1
20	64QAM	50	24	21.79	21.80	21.76		
20	64QAM	50	50	21.75	21.73	21.70		
20	64QAM	100	0	21.73	21.89	21.71		
20	256QAM	1	0	19.91	20.01	19.84	20.5	3
20	256QAM	1	49	19.74	19.88	19.86		
20	256QAM	1	99	19.77	19.78	19.72		
20	256QAM	50	0	19.77	19.98	19.88	20.5	3
20	256QAM	50	24	19.76	19.80	19.73		
20	256QAM	50	50	19.72	19.74	19.74		
20	256QAM	100	0	19.70	19.83	19.67		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.63	22.68	22.49	23.5	0
15	QPSK	1	37	22.57	22.56	22.55		
15	QPSK	1	74	22.52	22.57	22.50		
15	QPSK	36	0	22.57	22.58	22.50	23.5	0
15	QPSK	36	20	22.44	22.55	22.46		
15	QPSK	36	39	22.51	22.54	22.56		
15	QPSK	75	0	22.48	22.54	22.44		
15	16QAM	1	0	22.56	22.54	22.44	23.5	0
15	16QAM	1	37	22.42	22.48	22.43		
15	16QAM	1	74	22.49	22.39	22.52		
15	16QAM	36	0	22.53	22.55	22.56	23.5	0
15	16QAM	36	20	22.35	22.51	22.46		
15	16QAM	36	39	22.36	22.50	22.34		
15	16QAM	75	0	22.41	22.55	22.45		
15	64QAM	1	0	22.38	22.47	22.46	23.5	0
15	64QAM	1	37	22.44	22.51	22.45		
15	64QAM	1	74	22.48	22.57	22.42		
15	64QAM	36	0	21.71	21.91	21.66	22.5	1
15	64QAM	36	20	21.71	21.72	21.70		
15	64QAM	36	39	21.64	21.67	21.59		
15	64QAM	75	0	21.69	21.84	21.63		
15	256QAM	1	0	19.88	19.91	19.77	20.5	3
15	256QAM	1	37	19.68	19.81	19.79		
15	256QAM	1	74	19.65	19.73	19.63		
15	256QAM	36	0	19.62	19.88	19.78	20.5	3
15	256QAM	36	20	19.66	19.67	19.69		
15	256QAM	36	39	19.61	19.64	19.71		
15	256QAM	75	0	19.62	19.70	19.60		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.55	22.63	22.46	23.5	0
10	QPSK	1	25	22.59	22.59	22.55		
10	QPSK	1	49	22.59	22.52	22.60		
10	QPSK	25	0	22.49	22.60	22.49	23.5	0
10	QPSK	25	12	22.36	22.55	22.50		
10	QPSK	25	25	22.49	22.54	22.54		
10	QPSK	50	0	22.43	22.54	22.41		
10	16QAM	1	0	22.52	22.47	22.45	23.5	0
10	16QAM	1	25	22.43	22.48	22.43		
10	16QAM	1	49	22.50	22.40	22.47		
10	16QAM	25	0	22.52	22.51	22.52	23.5	0
10	16QAM	25	12	22.36	22.50	22.56		
10	16QAM	25	25	22.36	22.52	22.41		
10	16QAM	50	0	22.38	22.60	22.39		
10	64QAM	1	0	22.31	22.47	22.49	23.5	0
10	64QAM	1	25	22.52	22.56	22.50		
10	64QAM	1	49	22.48	22.54	22.37		
10	64QAM	25	0	21.77	21.92	21.72	22.5	1
10	64QAM	25	12	21.73	21.69	21.72		
10	64QAM	25	25	21.60	21.64	21.61		
10	64QAM	50	0	21.64	21.80	21.68		
10	256QAM	1	0	19.83	19.87	19.76	20.5	3
10	256QAM	1	25	19.61	19.84	19.82		
10	256QAM	1	49	19.67	19.67	19.66		
10	256QAM	25	0	19.66	19.84	19.80	20.5	3
10	256QAM	25	12	19.66	19.69	19.65		
10	256QAM	25	25	19.65	19.61	19.64		
10	256QAM	50	0	19.55	19.78	19.62		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.55	22.64	22.51	23.5	0
5	QPSK	1	12	22.58	22.60	22.52		
5	QPSK	1	24	22.51	22.58	22.53		
5	QPSK	12	0	22.53	22.57	22.45	23.5	0
5	QPSK	12	7	22.38	22.56	22.49		
5	QPSK	12	13	22.47	22.57	22.60		
5	QPSK	25	0	22.49	22.52	22.37		
5	16QAM	1	0	22.58	22.53	22.47	23.5	0
5	16QAM	1	12	22.48	22.54	22.36		
5	16QAM	1	24	22.47	22.37	22.49		
5	16QAM	12	0	22.52	22.47	22.51	23.5	0
5	16QAM	12	7	22.40	22.50	22.48		
5	16QAM	12	13	22.42	22.50	22.37		
5	16QAM	25	0	22.43	22.59	22.44		
5	64QAM	1	0	22.33	22.48	22.46	23.5	0
5	64QAM	1	12	22.40	22.55	22.45		
5	64QAM	1	24	22.46	22.62	22.35		
5	64QAM	12	0	21.78	21.83	21.73	22.5	1
5	64QAM	12	7	21.68	21.77	21.67		
5	64QAM	12	13	21.68	21.59	21.61		
5	64QAM	25	0	21.70	21.84	21.66		
5	256QAM	1	0	19.77	19.86	19.70	20.5	3
5	256QAM	1	12	19.68	19.74	19.81		
5	256QAM	1	24	19.72	19.63	19.68		
5	256QAM	12	0	19.69	19.86	19.78	20.5	3
5	256QAM	12	7	19.72	19.74	19.67		
5	256QAM	12	13	19.69	19.69	19.66		
5	256QAM	25	0	19.64	19.77	19.53		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.64	22.71	22.46	23.5	0
3	QPSK	1	8	22.50	22.67	22.56		
3	QPSK	1	14	22.58	22.61	22.52		
3	QPSK	8	0	22.57	22.58	22.49	23.5	0
3	QPSK	8	4	22.46	22.54	22.55		
3	QPSK	8	7	22.45	22.61	22.61		
3	QPSK	15	0	22.47	22.58	22.43		
3	16QAM	1	0	22.55	22.50	22.41	23.5	0
3	16QAM	1	8	22.43	22.45	22.41		
3	16QAM	1	14	22.46	22.47	22.51		
3	16QAM	8	0	22.57	22.54	22.48	23.5	0
3	16QAM	8	4	22.38	22.51	22.47		
3	16QAM	8	7	22.43	22.51	22.35		
3	16QAM	15	0	22.35	22.48	22.48		
3	64QAM	1	0	22.36	22.51	22.53	23.5	0
3	64QAM	1	8	22.42	22.59	22.48		
3	64QAM	1	14	22.41	22.58	22.37		
3	64QAM	8	0	21.71	21.94	21.70	22.5	1
3	64QAM	8	4	21.69	21.77	21.67		
3	64QAM	8	7	21.70	21.67	21.59		
3	64QAM	15	0	21.61	21.78	21.64		
3	256QAM	1	0	19.79	19.97	19.81	20.5	3
3	256QAM	1	8	19.60	19.83	19.75		
3	256QAM	1	14	19.74	19.67	19.68		
3	256QAM	8	0	19.74	19.94	19.75	20.5	3
3	256QAM	8	4	19.66	19.76	19.62		
3	256QAM	8	7	19.63	19.62	19.63		
3	256QAM	15	0	19.57	19.70	19.60		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.58	22.67	22.49	23.5	0
1.4	QPSK	1	3	22.56	22.66	22.49		
1.4	QPSK	1	5	22.54	22.57	22.58		
1.4	QPSK	3	0	22.48	22.56	22.48		
1.4	QPSK	3	1	22.37	22.55	22.53		
1.4	QPSK	3	3	22.44	22.60	22.62		
1.4	QPSK	6	0	22.51	22.59	22.40	23.5	0
1.4	16QAM	1	0	22.53	22.46	22.50	23.5	0
1.4	16QAM	1	3	22.43	22.55	22.42		
1.4	16QAM	1	5	22.53	22.46	22.51		
1.4	16QAM	3	0	22.54	22.47	22.53		
1.4	16QAM	3	1	22.33	22.55	22.53		
1.4	16QAM	3	3	22.39	22.46	22.41		
1.4	16QAM	6	0	22.43	22.59	22.45	23.5	0
1.4	64QAM	1	0	22.29	22.52	22.54	23.5	0
1.4	64QAM	1	3	22.51	22.49	22.54		
1.4	64QAM	1	5	22.41	22.56	22.37		
1.4	64QAM	3	0	22.36	22.51	22.39		
1.4	64QAM	3	1	22.30	22.46	22.45		
1.4	64QAM	3	3	22.45	22.53	22.55		
1.4	64QAM	6	0	21.81	21.87	21.75	22.5	1
1.4	256QAM	1	0	19.77	19.93	19.81	20.5	3
1.4	256QAM	1	3	19.64	19.80	19.78		
1.4	256QAM	1	5	19.63	19.65	19.66		
1.4	256QAM	3	0	19.69	19.85	19.81		
1.4	256QAM	3	1	19.67	19.75	19.60		
1.4	256QAM	3	3	19.63	19.69	19.70		
1.4	256QAM	6	0	19.64	19.73	19.58	20.5	3

Band 5 Default Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.52	22.57	22.46	24	0
10	QPSK	1	25	22.36	22.46	22.32		
10	QPSK	1	49	22.31	22.33	22.22		
10	QPSK	25	0	22.37	22.54	22.41	24	0
10	QPSK	25	12	22.33	22.45	22.35		
10	QPSK	25	25	22.24	22.30	22.27		
10	QPSK	50	0	22.31	22.49	22.30		
10	16QAM	1	0	22.26	22.47	22.31	24	0
10	16QAM	1	25	22.31	22.35	22.24		
10	16QAM	1	49	22.23	22.28	22.26		
10	16QAM	25	0	22.30	22.43	22.28	23.5	0.5
10	16QAM	25	12	22.21	22.23	22.23		
10	16QAM	25	25	22.17	22.18	22.13		
10	16QAM	50	0	22.25	22.35	22.19		
10	64QAM	1	0	22.15	22.33	22.14	23.5	0.5
10	64QAM	1	25	22.16	22.24	22.19		
10	64QAM	1	49	22.02	22.14	22.05		
10	64QAM	25	0	21.33	21.48	21.28	22.5	1.5
10	64QAM	25	12	21.24	21.33	21.28		
10	64QAM	25	25	21.20	21.34	21.26		
10	64QAM	50	0	21.25	21.36	21.21		
10	256QAM	1	0	19.21	19.39	19.30	20.5	3.5
10	256QAM	1	25	19.22	19.29	19.25		
10	256QAM	1	49	19.18	19.14	19.14		
10	256QAM	25	0	19.20	19.35	19.21	20.5	3.5
10	256QAM	25	12	19.19	19.24	19.19		
10	256QAM	25	25	19.09	19.22	19.07		
10	256QAM	50	0	19.19	19.30	19.10		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	22.38	22.45	22.36	24	0
5	QPSK	1	12	22.27	22.40	22.20		
5	QPSK	1	24	22.28	22.21	22.17		
5	QPSK	12	0	22.23	22.50	22.34	24	0
5	QPSK	12	7	22.18	22.41	22.23		
5	QPSK	12	13	22.18	22.24	22.18		
5	QPSK	25	0	22.20	22.44	22.24		
5	16QAM	1	0	22.15	22.41	22.18	24	0
5	16QAM	1	12	22.17	22.22	22.14		
5	16QAM	1	24	22.15	22.14	22.18		
5	16QAM	12	0	22.21	22.39	22.18	23.5	0.5
5	16QAM	12	7	22.15	22.16	22.13		
5	16QAM	12	13	22.08	22.04	22.02		
5	16QAM	25	0	22.13	22.25	22.07		
5	64QAM	1	0	22.06	22.21	22.00	23.5	0.5
5	64QAM	1	12	22.13	22.19	22.16		
5	64QAM	1	24	21.96	22.02	22.00		
5	64QAM	12	0	21.28	21.38	21.18	22.5	1.5
5	64QAM	12	7	21.18	21.19	21.14		
5	64QAM	12	13	21.05	21.22	21.23		
5	64QAM	25	0	21.22	21.28	21.06		
5	256QAM	1	0	19.11	19.25	19.25	20.5	3.5
5	256QAM	1	12	19.14	19.18	19.11		
5	256QAM	1	24	19.10	19.05	19.02		
5	256QAM	12	0	19.07	19.30	19.08	20.5	3.5
5	256QAM	12	7	19.08	19.15	19.11		
5	256QAM	12	13	19.05	19.11	19.03		
5	256QAM	25	0	19.06	19.17	18.99		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	22.42	22.52	22.43	24	0
3	QPSK	1	8	22.29	22.34	22.18		
3	QPSK	1	14	22.27	22.29	22.12		
3	QPSK	8	0	22.23	22.43	22.30	24	0
3	QPSK	8	4	22.24	22.35	22.22		
3	QPSK	8	7	22.19	22.20	22.20		
3	QPSK	15	0	22.24	22.37	22.20		
3	16QAM	1	0	22.20	22.41	22.19	24	0
3	16QAM	1	8	22.24	22.32	22.13		
3	16QAM	1	14	22.15	22.16	22.13		
3	16QAM	8	0	22.23	22.32	22.21	23.5	0.5
3	16QAM	8	4	22.15	22.12	22.17		
3	16QAM	8	7	22.06	22.04	22.01		
3	16QAM	15	0	22.11	22.30	22.07		
3	64QAM	1	0	22.09	22.28	22.06	23.5	0.5
3	64QAM	1	8	22.11	22.09	22.15		
3	64QAM	1	14	21.91	22.01	21.94		
3	64QAM	8	0	21.25	21.44	21.17	22.5	1.5
3	64QAM	8	4	21.18	21.29	21.18		
3	64QAM	8	7	21.09	21.27	21.13		
3	64QAM	15	0	21.13	21.27	21.14		
3	256QAM	1	0	19.17	19.29	19.20	20.5	3.5
3	256QAM	1	8	19.07	19.18	19.17		
3	256QAM	1	14	19.06	19.09	19.01		
3	256QAM	8	0	19.16	19.26	19.06	20.5	3.5
3	256QAM	8	4	19.15	19.18	19.16		
3	256QAM	8	7	19.05	19.08	19.03		
3	256QAM	15	0	19.10	19.18	19.03		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	22.41	22.51	22.42	24	0
1.4	QPSK	1	3	22.24	22.36	22.26		
1.4	QPSK	1	5	22.23	22.22	22.16		
1.4	QPSK	3	0	22.34	22.48	22.37		
1.4	QPSK	3	1	22.30	22.33	22.22		
1.4	QPSK	3	3	22.13	22.20	22.13		
1.4	QPSK	6	0	22.21	22.44	22.20	24	0
1.4	16QAM	1	0	22.17	22.32	22.24	24	0
1.4	16QAM	1	3	22.18	22.26	22.10		
1.4	16QAM	1	5	22.15	22.17	22.18		
1.4	16QAM	3	0	22.23	22.31	22.19		
1.4	16QAM	3	1	22.21	22.24	22.16		
1.4	16QAM	3	3	22.19	22.25	22.19		
1.4	16QAM	6	0	22.16	22.29	22.18	23.5	0.5
1.4	64QAM	1	0	22.22	22.25	22.21	23.5	0.5
1.4	64QAM	1	3	22.17	22.27	22.12		
1.4	64QAM	1	5	22.03	22.28	22.09		
1.4	64QAM	3	0	22.03	22.11	22.11		
1.4	64QAM	3	1	21.97	22.06	21.94		
1.4	64QAM	3	3	21.97	22.07	22.01		
1.4	64QAM	6	0	21.21	21.40	21.15	22.5	1.5
1.4	256QAM	1	0	19.13	19.35	19.22	20.5	3.5
1.4	256QAM	1	3	19.14	19.22	19.21		
1.4	256QAM	1	5	19.05	18.99	19.07		
1.4	256QAM	3	0	19.14	19.27	19.10		
1.4	256QAM	3	1	19.09	19.21	19.06		
1.4	256QAM	3	3	18.98	19.14	19.02		
1.4	256QAM	6	0	19.11	19.18	19.01	20.5	3.5

Band 7 Default Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	20.93	21.12	21.03	22	0
20	QPSK	1	49	20.78	20.86	20.85		
20	QPSK	1	99	20.86	20.89	20.86		
20	QPSK	50	0	20.86	21.04	20.86	22	0
20	QPSK	50	24	20.83	20.95	20.89		
20	QPSK	50	50	20.80	20.85	20.77		
20	QPSK	100	0	20.82	20.94	20.82		
20	16QAM	1	0	20.73	20.81	20.74	22	0
20	16QAM	1	49	20.63	20.74	20.74		
20	16QAM	1	99	20.49	20.65	20.70		
20	16QAM	50	0	20.68	20.74	20.57	22	0
20	16QAM	50	24	20.54	20.67	20.55		
20	16QAM	50	50	20.56	20.60	20.53		
20	16QAM	100	0	20.43	20.62	20.37		
20	64QAM	1	0	20.83	20.91	20.98	22	0
20	64QAM	1	49	20.85	20.78	20.83		
20	64QAM	1	99	20.88	20.76	20.88		
20	64QAM	50	0	19.80	19.91	19.78	21	1
20	64QAM	50	24	19.64	19.71	19.66		
20	64QAM	50	50	19.62	19.66	19.68		
20	64QAM	100	0	19.62	19.80	19.72		
20	256QAM	1	0	17.73	17.84	17.69	19	3
20	256QAM	1	49	17.60	17.60	17.58		
20	256QAM	1	99	17.54	17.71	17.62		
20	256QAM	50	0	17.82	17.80	17.69	19	3
20	256QAM	50	24	17.63	17.66	17.69		
20	256QAM	50	50	17.59	17.75	17.62		
20	256QAM	100	0	17.60	17.68	17.66		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	20.81	21.03	20.98	22	0
15	QPSK	1	37	20.72	20.83	20.77		
15	QPSK	1	74	20.73	20.80	20.76		
15	QPSK	36	0	20.82	20.92	20.80	22	0
15	QPSK	36	20	20.78	20.87	20.81		
15	QPSK	36	39	20.75	20.76	20.62		
15	QPSK	75	0	20.70	20.90	20.77		
15	16QAM	1	0	20.62	20.68	20.63	22	0
15	16QAM	1	37	20.50	20.59	20.63		
15	16QAM	1	74	20.45	20.57	20.59		
15	16QAM	36	0	20.58	20.61	20.46	22	0
15	16QAM	36	20	20.41	20.54	20.51		
15	16QAM	36	39	20.43	20.55	20.45		
15	16QAM	75	0	20.28	20.57	20.23		
15	64QAM	1	0	20.68	20.79	20.84	22	0
15	64QAM	1	37	20.75	20.73	20.71		
15	64QAM	1	74	20.75	20.64	20.82		
15	64QAM	36	0	19.71	19.84	19.70	21	1
15	64QAM	36	20	19.55	19.68	19.60		
15	64QAM	36	39	19.55	19.57	19.54		
15	64QAM	75	0	19.49	19.77	19.66		
15	256QAM	1	0	17.62	17.79	17.65	19	3
15	256QAM	1	37	17.47	17.56	17.46		
15	256QAM	1	74	17.45	17.57	17.56		
15	256QAM	36	0	17.74	17.71	17.62	19	3
15	256QAM	36	20	17.51	17.62	17.65		
15	256QAM	36	39	17.45	17.66	17.57		
15	256QAM	75	0	17.50	17.53	17.55		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	20.79	21.08	20.97	22	0
10	QPSK	1	25	20.66	20.78	20.70		
10	QPSK	1	49	20.83	20.83	20.71		
10	QPSK	25	0	20.76	20.91	20.77	22	0
10	QPSK	25	12	20.76	20.90	20.82		
10	QPSK	25	25	20.71	20.74	20.63		
10	QPSK	50	0	20.74	20.85	20.72		
10	16QAM	1	0	20.69	20.74	20.67	22	0
10	16QAM	1	25	20.59	20.61	20.63		
10	16QAM	1	49	20.39	20.60	20.55		
10	16QAM	25	0	20.54	20.67	20.54	22	0
10	16QAM	25	12	20.44	20.53	20.44		
10	16QAM	25	25	20.47	20.52	20.46		
10	16QAM	50	0	20.38	20.55	20.26		
10	64QAM	1	0	20.75	20.78	20.91	22	0
10	64QAM	1	25	20.79	20.70	20.79		
10	64QAM	1	49	20.80	20.70	20.79		
10	64QAM	25	0	19.75	19.80	19.64	21	1
10	64QAM	25	12	19.54	19.66	19.55		
10	64QAM	25	25	19.52	19.54	19.58		
10	64QAM	50	0	19.54	19.76	19.65		
10	256QAM	1	0	17.59	17.77	17.66	19	3
10	256QAM	1	25	17.53	17.46	17.43		
10	256QAM	1	49	17.45	17.66	17.58		
10	256QAM	25	0	17.75	17.72	17.61	19	3
10	256QAM	25	12	17.57	17.57	17.55		
10	256QAM	25	25	17.51	17.70	17.48		
10	256QAM	50	0	17.48	17.59	17.54		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	20.89	21.01	20.97	22	0
5	QPSK	1	12	20.64	20.80	20.71		
5	QPSK	1	24	20.82	20.74	20.79		
5	QPSK	12	0	20.78	20.91	20.74	22	0
5	QPSK	12	7	20.75	20.81	20.83		
5	QPSK	12	13	20.73	20.78	20.72		
5	QPSK	25	0	20.74	20.85	20.79		
5	16QAM	1	0	20.61	20.77	20.62	22	0
5	16QAM	1	12	20.59	20.64	20.67		
5	16QAM	1	24	20.43	20.61	20.61		
5	16QAM	12	0	20.59	20.65	20.51	22	0
5	16QAM	12	7	20.50	20.59	20.46		
5	16QAM	12	13	20.47	20.54	20.43		
5	16QAM	25	0	20.36	20.50	20.25		
5	64QAM	1	0	20.80	20.81	20.89	22	0
5	64QAM	1	12	20.76	20.70	20.80		
5	64QAM	1	24	20.82	20.73	20.77		
5	64QAM	12	0	19.65	19.84	19.70	21	1
5	64QAM	12	7	19.58	19.68	19.52		
5	64QAM	12	13	19.50	19.57	19.56		
5	64QAM	25	0	19.56	19.67	19.64		
5	256QAM	1	0	17.63	17.78	17.61	19	3
5	256QAM	1	12	17.53	17.55	17.49		
5	256QAM	1	24	17.50	17.59	17.55		
5	256QAM	12	0	17.72	17.68	17.56	19	3
5	256QAM	12	7	17.57	17.60	17.60		
5	256QAM	12	13	17.45	17.66	17.48		
5	256QAM	25	0	17.48	17.60	17.62		

Band 12 Default Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	22.84	22.92	22.79	24	0
10	QPSK	1	25	22.76	22.81	22.64		
10	QPSK	1	49	22.60	22.68	22.62		
10	QPSK	25	0	22.63	22.82	22.72	24	0
10	QPSK	25	12	22.59	22.68	22.61		
10	QPSK	25	25	22.56	22.60	22.63		
10	QPSK	50	0	22.65	22.77	22.62		
10	16QAM	1	0	22.54	22.72	22.60	24	0
10	16QAM	1	25	22.54	22.59	22.58		
10	16QAM	1	49	22.44	22.55	22.46		
10	16QAM	25	0	22.35	22.51	22.41	23.5	0.5
10	16QAM	25	12	22.32	22.43	22.28		
10	16QAM	25	25	22.30	22.35	22.28		
10	16QAM	50	0	22.37	22.47	22.28		
10	64QAM	1	0	22.26	22.41	22.29	23.5	0.5
10	64QAM	1	25	22.14	22.25	22.19		
10	64QAM	1	49	22.10	22.22	22.16		
10	64QAM	25	0	21.54	21.67	21.50	22.5	1.5
10	64QAM	25	12	21.44	21.58	21.51		
10	64QAM	25	25	21.39	21.44	21.44		
10	64QAM	50	0	21.43	21.54	21.41		
10	256QAM	1	0	19.38	19.55	19.40	20.5	3.5
10	256QAM	1	25	19.33	19.40	19.38		
10	256QAM	1	49	19.30	19.33	19.28		
10	256QAM	25	0	19.30	19.51	19.41	20.5	3.5
10	256QAM	25	12	19.29	19.34	19.30		
10	256QAM	25	25	19.20	19.33	19.22		
10	256QAM	50	0	19.23	19.45	19.26		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.77	22.86	22.74	24	0
5	QPSK	1	12	22.63	22.69	22.56		
5	QPSK	1	24	22.47	22.54	22.47		
5	QPSK	12	0	22.50	22.75	22.58	24	0
5	QPSK	12	7	22.45	22.55	22.51		
5	QPSK	12	13	22.53	22.45	22.51		
5	QPSK	25	0	22.56	22.69	22.56		
5	16QAM	1	0	22.42	22.62	22.48	24	0
5	16QAM	1	12	22.50	22.48	22.47		
5	16QAM	1	24	22.33	22.52	22.36		
5	16QAM	12	0	22.30	22.47	22.28	23.5	0.5
5	16QAM	12	7	22.28	22.33	22.19		
5	16QAM	12	13	22.19	22.24	22.19		
5	16QAM	25	0	22.31	22.34	22.19		
5	64QAM	1	0	22.15	22.30	22.22	23.5	0.5
5	64QAM	1	12	22.04	22.12	22.10		
5	64QAM	1	24	21.96	22.07	22.07		
5	64QAM	12	0	21.48	21.63	21.41	22.5	1.5
5	64QAM	12	7	21.34	21.53	21.47		
5	64QAM	12	13	21.29	21.32	21.33		
5	64QAM	25	0	21.33	21.48	21.34		
5	256QAM	1	0	19.35	19.45	19.31	20.5	3.5
5	256QAM	1	12	19.21	19.31	19.26		
5	256QAM	1	24	19.17	19.23	19.18		
5	256QAM	12	0	19.16	19.37	19.26	20.5	3.5
5	256QAM	12	7	19.22	19.27	19.27		
5	256QAM	12	13	19.07	19.21	19.11		
5	256QAM	25	0	19.13	19.31	19.12		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.78	22.81	22.72	24	0
3	QPSK	1	8	22.70	22.76	22.50		
3	QPSK	1	14	22.53	22.54	22.57		
3	QPSK	8	0	22.49	22.79	22.57	24	0
3	QPSK	8	4	22.51	22.61	22.48		
3	QPSK	8	7	22.49	22.49	22.57		
3	QPSK	15	0	22.54	22.73	22.58		
3	16QAM	1	0	22.39	22.59	22.47	24	0
3	16QAM	1	8	22.48	22.48	22.48		
3	16QAM	1	14	22.38	22.44	22.38		
3	16QAM	8	0	22.26	22.44	22.28	23.5	0.5
3	16QAM	8	4	22.23	22.37	22.16		
3	16QAM	8	7	22.22	22.22	22.20		
3	16QAM	15	0	22.23	22.35	22.19		
3	64QAM	1	0	22.23	22.28	22.17	23.5	0.5
3	64QAM	1	8	22.02	22.10	22.09		
3	64QAM	1	14	22.02	22.15	22.04		
3	64QAM	8	0	21.45	21.61	21.40	22.5	1.5
3	64QAM	8	4	21.40	21.48	21.37		
3	64QAM	8	7	21.35	21.36	21.33		
3	64QAM	15	0	21.37	21.50	21.31		
3	256QAM	1	0	19.28	19.41	19.36	20.5	3.5
3	256QAM	1	8	19.26	19.31	19.24		
3	256QAM	1	14	19.23	19.30	19.21		
3	256QAM	8	0	19.18	19.46	19.28	20.5	3.5
3	256QAM	8	4	19.18	19.22	19.18		
3	256QAM	8	7	19.06	19.22	19.07		
3	256QAM	15	0	19.18	19.40	19.14		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.76	22.83	22.75	24	0
1.4	QPSK	1	3	22.65	22.67	22.51		
1.4	QPSK	1	5	22.48	22.57	22.53		
1.4	QPSK	3	0	22.50	22.67	22.67		
1.4	QPSK	3	1	22.54	22.55	22.56		
1.4	QPSK	3	3	22.44	22.54	22.57		
1.4	QPSK	6	0	22.59	22.73	22.56	24	0
1.4	16QAM	1	0	22.50	22.62	22.56	24	0
1.4	16QAM	1	3	22.49	22.46	22.50		
1.4	16QAM	1	5	22.40	22.46	22.43		
1.4	16QAM	3	0	22.47	22.60	22.56		
1.4	16QAM	3	1	22.49	22.45	22.47		
1.4	16QAM	3	3	22.37	22.48	22.40		
1.4	16QAM	6	0	22.17	22.30	22.14	23.5	0.5
1.4	64QAM	1	0	22.33	22.41	22.29	23.5	0.5
1.4	64QAM	1	3	22.22	22.40	22.17		
1.4	64QAM	1	5	22.13	22.33	22.16		
1.4	64QAM	3	0	22.05	22.21	22.09		
1.4	64QAM	3	1	21.99	22.16	22.05		
1.4	64QAM	3	3	22.22	22.28	22.16		
1.4	64QAM	6	0	21.45	21.60	21.41	22.5	1.5
1.4	256QAM	1	0	19.29	19.47	19.32	20.5	3.5
1.4	256QAM	1	3	19.21	19.31	19.24		
1.4	256QAM	1	5	19.22	19.27	19.22		
1.4	256QAM	3	0	19.18	19.37	19.34		
1.4	256QAM	3	1	19.16	19.21	19.24		
1.4	256QAM	3	3	19.15	19.21	19.09		
1.4	256QAM	6	0	19.17	19.35	19.18	20.5	3.5

Band 13 Default Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		23.07		24	0
10	QPSK	1	25		23.04			
10	QPSK	1	49		22.92			
10	QPSK	25	0		22.98		24	0
10	QPSK	25	12		22.85			
10	QPSK	25	25		22.82			
10	QPSK	50	0		22.95			
10	16QAM	1	0		22.91		24	0
10	16QAM	1	25		22.86			
10	16QAM	1	49		22.79			
10	16QAM	25	0		22.74		23.5	0.5
10	16QAM	25	12		22.62			
10	16QAM	25	25		22.54			
10	16QAM	50	0		22.70			
10	64QAM	1	0		22.62		23.5	0.5
10	64QAM	1	25		22.41			
10	64QAM	1	49		22.49			
10	64QAM	25	0		21.91		22.5	1.5
10	64QAM	25	12		21.77			
10	64QAM	25	25		21.67			
10	64QAM	50	0		21.77			
10	256QAM	1	0		19.82		20.5	3.5
10	256QAM	1	25		19.62			
10	256QAM	1	49		19.55			
10	256QAM	25	0		19.69		20.5	3.5
10	256QAM	25	12		19.58			
10	256QAM	25	25		19.55			
10	256QAM	50	0		19.68			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.93	23.03	22.99	24	0
5	QPSK	1	12	22.90	23.00	22.92		
5	QPSK	1	24	22.84	22.85	22.80		
5	QPSK	12	0	22.95	22.84	22.93	24	0
5	QPSK	12	7	22.77	22.71	22.73		
5	QPSK	12	13	22.71	22.75	22.68		
5	QPSK	25	0	22.88	22.91	22.91		
5	16QAM	1	0	22.86	22.80	22.87	24	0
5	16QAM	1	12	22.72	22.78	22.71		
5	16QAM	1	24	22.67	22.69	22.74		
5	16QAM	12	0	22.62	22.60	22.65	23.5	0.5
5	16QAM	12	7	22.49	22.55	22.58		
5	16QAM	12	13	22.43	22.49	22.45		
5	16QAM	25	0	22.67	22.66	22.63		
5	64QAM	1	0	22.53	22.55	22.47	23.5	0.5
5	64QAM	1	12	22.33	22.32	22.27		
5	64QAM	1	24	22.39	22.42	22.45		
5	64QAM	12	0	21.79	21.83	21.82	22.5	1.5
5	64QAM	12	7	21.62	21.66	21.70		
5	64QAM	12	13	21.61	21.55	21.59		
5	64QAM	25	0	21.71	21.66	21.73		
5	256QAM	1	0	19.77	19.78	19.74	20.5	3.5
5	256QAM	1	12	19.56	19.48	19.51		
5	256QAM	1	24	19.41	19.47	19.50		
5	256QAM	12	0	19.59	19.55	19.64	20.5	3.5
5	256QAM	12	7	19.55	19.52	19.53		
5	256QAM	12	13	19.46	19.43	19.52		
5	256QAM	25	0	19.57	19.56	19.60		

Band 14 Default Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23330			
Frequency (MHz)					793			
10	QPSK	1	0		23.06		24	0
10	QPSK	1	25		23.00			
10	QPSK	1	49		22.86			
10	QPSK	25	0		22.95		24	0
10	QPSK	25	12		22.81			
10	QPSK	25	25		22.78			
10	QPSK	50	0		22.93			
10	16QAM	1	0		22.86		24	0
10	16QAM	1	25		22.78			
10	16QAM	1	49		22.77			
10	16QAM	25	0		22.75		23.5	0.5
10	16QAM	25	12		22.60			
10	16QAM	25	25		22.46			
10	16QAM	50	0		22.64			
10	64QAM	1	0		22.56		23.5	0.5
10	64QAM	1	25		22.38			
10	64QAM	1	49		22.49			
10	64QAM	25	0		21.88		22.5	1.5
10	64QAM	25	12		21.70			
10	64QAM	25	25		21.63			
10	64QAM	50	0		21.69			
10	256QAM	1	0		19.77		20.5	3.5
10	256QAM	1	25		19.55			
10	256QAM	1	49		19.49			
10	256QAM	25	0		19.61		20.5	3.5
10	256QAM	25	12		19.51			
10	256QAM	25	25		19.48			
10	256QAM	50	0		19.66			
Channel				23305	23330	23355	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	0	22.92	22.99	22.97	24	0
5	QPSK	1	12	22.87	22.90	22.86		
5	QPSK	1	24	22.75	22.79	22.74		
5	QPSK	12	0	22.90	22.90	22.83	24	0
5	QPSK	12	7	22.77	22.68	22.77		
5	QPSK	12	13	22.70	22.67	22.64		
5	QPSK	25	0	22.82	22.84	22.86		
5	16QAM	1	0	22.78	22.83	22.78	24	0
5	16QAM	1	12	22.70	22.68	22.64		
5	16QAM	1	24	22.62	22.73	22.64		
5	16QAM	12	0	22.60	22.72	22.67	23.5	0.5
5	16QAM	12	7	22.54	22.51	22.51		
5	16QAM	12	13	22.37	22.40	22.40		
5	16QAM	25	0	22.55	22.53	22.50		
5	64QAM	1	0	22.52	22.52	22.46	23.5	0.5
5	64QAM	1	12	22.28	22.30	22.27		
5	64QAM	1	24	22.44	22.43	22.41		
5	64QAM	12	0	21.74	21.74	21.76	22.5	1.5
5	64QAM	12	7	21.63	21.64	21.58		
5	64QAM	12	13	21.59	21.59	21.52		
5	64QAM	25	0	21.55	21.64	21.66		
5	256QAM	1	0	19.63	19.72	19.65	20.5	3.5
5	256QAM	1	12	19.44	19.46	19.44		
5	256QAM	1	24	19.35	19.44	19.44		
5	256QAM	12	0	19.48	19.47	19.57	20.5	3.5
5	256QAM	12	7	19.38	19.37	19.39		
5	256QAM	12	13	19.35	19.36	19.34		
5	256QAM	25	0	19.53	19.56	19.62		

Band 17 Default Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	22.65	22.73	22.70	24	0
10	QPSK	1	25	22.57	22.60	22.59		
10	QPSK	1	49	22.46	22.51	22.46		
10	QPSK	25	0	22.46	22.66	22.54	24	0
10	QPSK	25	12	22.49	22.53	22.42		
10	QPSK	25	25	22.41	22.48	22.47		
10	QPSK	50	0	22.49	22.62	22.44		
10	16QAM	1	0	22.49	22.60	22.45	24	0
10	16QAM	1	25	22.39	22.48	22.41		
10	16QAM	1	49	22.30	22.40	22.38		
10	16QAM	25	0	22.36	22.58	22.49	23.5	0.5
10	16QAM	25	12	22.38	22.40	22.43		
10	16QAM	25	25	22.30	22.41	22.40		
10	16QAM	50	0	22.24	22.38	22.33		
10	64QAM	1	0	22.39	22.56	22.46	23.5	0.5
10	64QAM	1	25	22.37	22.42	22.40		
10	64QAM	1	49	22.32	22.40	22.29		
10	64QAM	25	0	21.37	21.54	21.36	22.5	1.5
10	64QAM	25	12	21.28	21.39	21.36		
10	64QAM	25	25	21.32	21.36	21.32		
10	64QAM	50	0	21.19	21.28	21.29		
10	256QAM	1	0	19.59	19.71	19.63	20.5	3.5
10	256QAM	1	25	19.45	19.53	19.56		
10	256QAM	1	49	19.44	19.57	19.51		
10	256QAM	25	0	19.44	19.55	19.43	20.5	3.5
10	256QAM	25	12	19.34	19.44	19.33		
10	256QAM	25	25	19.34	19.39	19.37		
10	256QAM	50	0	19.28	19.32	19.22		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.53	22.69	22.65	24	0
5	QPSK	1	12	22.53	22.55	22.48		
5	QPSK	1	24	22.33	22.41	22.37		
5	QPSK	12	0	22.36	22.57	22.44	24	0
5	QPSK	12	7	22.44	22.40	22.38		
5	QPSK	12	13	22.28	22.41	22.43		
5	QPSK	25	0	22.46	22.49	22.32		
5	16QAM	1	0	22.38	22.52	22.31	24	0
5	16QAM	1	12	22.26	22.39	22.35		
5	16QAM	1	24	22.16	22.32	22.32		
5	16QAM	12	0	22.27	22.45	22.35	23.5	0.5
5	16QAM	12	7	22.33	22.32	22.35		
5	16QAM	12	13	22.19	22.34	22.27		
5	16QAM	25	0	22.11	22.24	22.19		
5	64QAM	1	0	22.24	22.48	22.35	23.5	0.5
5	64QAM	1	12	22.29	22.34	22.29		
5	64QAM	1	24	22.17	22.33	22.14		
5	64QAM	12	0	21.33	21.42	21.31	22.5	1.5
5	64QAM	12	7	21.24	21.27	21.22		
5	64QAM	12	13	21.19	21.23	21.25		
5	64QAM	25	0	21.07	21.23	21.24		
5	256QAM	1	0	19.50	19.65	19.49	20.5	3.5
5	256QAM	1	12	19.33	19.42	19.50		
5	256QAM	1	24	19.41	19.43	19.47		
5	256QAM	12	0	19.31	19.51	19.33	20.5	3.5
5	256QAM	12	7	19.27	19.34	19.22		
5	256QAM	12	13	19.20	19.33	19.27		
5	256QAM	25	0	19.24	19.26	19.16		

Band 25 Default Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	23.16	23.21	23.18	24	0
20	QPSK	1	49	23.03	23.03	23.09		
20	QPSK	1	99	22.97	23.01	23.03		
20	QPSK	50	0	23.00	23.15	23.05	24	0
20	QPSK	50	24	22.95	23.03	22.95		
20	QPSK	50	50	22.88	22.99	22.86		
20	QPSK	100	0	22.91	23.01	22.92		
20	16QAM	1	0	22.96	23.09	22.91	24	0
20	16QAM	1	49	22.94	22.99	22.95		
20	16QAM	1	99	22.81	22.87	22.80		
20	16QAM	50	0	22.79	22.93	22.83	23.5	0.5
20	16QAM	50	24	22.75	22.80	22.75		
20	16QAM	50	50	22.61	22.72	22.70		
20	16QAM	100	0	22.62	22.66	22.61		
20	64QAM	1	0	22.86	23.05	22.91	23.5	0.5
20	64QAM	1	49	22.79	22.95	22.87		
20	64QAM	1	99	22.79	22.82	22.82		
20	64QAM	50	0	21.82	21.95	21.79	22.5	1.5
20	64QAM	50	24	21.78	21.79	21.74		
20	64QAM	50	50	21.73	21.82	21.72		
20	64QAM	100	0	21.69	21.66	21.64		
20	256QAM	1	0	19.90	20.04	19.89	20.5	3.5
20	256QAM	1	49	19.79	19.90	19.83		
20	256QAM	1	99	19.77	19.85	19.78		
20	256QAM	50	0	19.87	19.98	19.87	20.5	3.5
20	256QAM	50	24	19.77	19.90	19.74		
20	256QAM	50	50	19.70	19.74	19.71		
20	256QAM	100	0	19.62	19.74	19.68		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	23.05	23.13	23.04	24	0
15	QPSK	1	37	22.90	22.90	23.00		
15	QPSK	1	74	22.84	22.90	22.97		
15	QPSK	36	0	22.94	23.01	22.95	24	0
15	QPSK	36	20	22.82	22.96	22.88		
15	QPSK	36	39	22.84	22.95	22.75		
15	QPSK	75	0	22.77	22.98	22.79		
15	16QAM	1	0	22.92	22.98	22.84	24	0
15	16QAM	1	37	22.81	22.87	22.85		
15	16QAM	1	74	22.68	22.79	22.74		
15	16QAM	36	0	22.70	22.81	22.75	23.5	0.5
15	16QAM	36	20	22.68	22.66	22.62		
15	16QAM	36	39	22.48	22.61	22.64		
15	16QAM	75	0	22.49	22.53	22.50		
15	64QAM	1	0	22.74	22.90	22.77	23.5	0.5
15	64QAM	1	37	22.70	22.82	22.77		
15	64QAM	1	74	22.70	22.68	22.68		
15	64QAM	36	0	21.74	21.85	21.65	22.5	1.5
15	64QAM	36	20	21.72	21.68	21.69		
15	64QAM	36	39	21.68	21.79	21.59		
15	64QAM	75	0	21.55	21.54	21.60		
15	256QAM	1	0	19.76	19.96	19.85	20.5	3.5
15	256QAM	1	37	19.75	19.79	19.79		
15	256QAM	1	74	19.67	19.70	19.73		
15	256QAM	36	0	19.78	19.83	19.77	20.5	3.5
15	256QAM	36	20	19.69	19.87	19.60		
15	256QAM	36	39	19.57	19.70	19.61		
15	256QAM	75	0	19.55	19.66	19.55		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	23.03	23.09	23.05	24	0
10	QPSK	1	25	22.94	22.92	22.98		
10	QPSK	1	49	22.90	22.95	22.90		
10	QPSK	25	0	22.90	23.04	22.99	24	0
10	QPSK	25	12	22.87	22.89	22.83		
10	QPSK	25	25	22.84	22.85	22.71		
10	QPSK	50	0	22.80	22.89	22.83		
10	16QAM	1	0	22.90	22.95	22.83	24	0
10	16QAM	1	25	22.81	22.91	22.88		
10	16QAM	1	49	22.68	22.76	22.66		
10	16QAM	25	0	22.74	22.80	22.75	23.5	0.5
10	16QAM	25	12	22.62	22.68	22.67		
10	16QAM	25	25	22.52	22.67	22.57		
10	16QAM	50	0	22.57	22.60	22.54		
10	64QAM	1	0	22.82	22.91	22.85	23.5	0.5
10	64QAM	1	25	22.64	22.88	22.76		
10	64QAM	1	49	22.72	22.76	22.71		
10	64QAM	25	0	21.79	21.84	21.68	22.5	1.5
10	64QAM	25	12	21.74	21.76	21.64		
10	64QAM	25	25	21.66	21.77	21.61		
10	64QAM	50	0	21.62	21.56	21.52		
10	256QAM	1	0	19.80	19.94	19.81	20.5	3.5
10	256QAM	1	25	19.68	19.75	19.72		
10	256QAM	1	49	19.74	19.73	19.68		
10	256QAM	25	0	19.82	19.91	19.77	20.5	3.5
10	256QAM	25	12	19.71	19.83	19.68		
10	256QAM	25	25	19.65	19.61	19.60		
10	256QAM	50	0	19.55	19.67	19.63		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	23.12	23.07	23.10	24	0
5	QPSK	1	12	22.95	22.92	23.03		
5	QPSK	1	24	22.86	22.90	22.95		
5	QPSK	12	0	22.86	23.04	22.92	24	0
5	QPSK	12	7	22.88	23.00	22.84		
5	QPSK	12	13	22.77	22.88	22.79		
5	QPSK	25	0	22.77	22.91	22.86		
5	16QAM	1	0	22.88	23.04	22.88	24	0
5	16QAM	1	12	22.88	22.90	22.87		
5	16QAM	1	24	22.67	22.77	22.73		
5	16QAM	12	0	22.70	22.84	22.73	23.5	0.5
5	16QAM	12	7	22.71	22.70	22.63		
5	16QAM	12	13	22.50	22.60	22.56		
5	16QAM	25	0	22.55	22.62	22.51		
5	64QAM	1	0	22.78	22.98	22.88	23.5	0.5
5	64QAM	1	12	22.71	22.92	22.81		
5	64QAM	1	24	22.65	22.69	22.76		
5	64QAM	12	0	21.78	21.84	21.70	22.5	1.5
5	64QAM	12	7	21.70	21.65	21.70		
5	64QAM	12	13	21.68	21.79	21.68		
5	64QAM	25	0	21.60	21.54	21.60		
5	256QAM	1	0	19.75	19.96	19.86	20.5	3.5
5	256QAM	1	12	19.71	19.82	19.75		
5	256QAM	1	24	19.68	19.75	19.74		
5	256QAM	12	0	19.76	19.85	19.84	20.5	3.5
5	256QAM	12	7	19.68	19.78	19.59		
5	256QAM	12	13	19.61	19.64	19.64		
5	256QAM	25	0	19.57	19.64	19.54		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	23.02	23.15	23.13	24	0
3	QPSK	1	8	22.98	22.95	22.96		
3	QPSK	1	14	22.94	22.93	22.99		
3	QPSK	8	0	22.94	23.05	22.96	24	0
3	QPSK	8	4	22.80	22.97	22.91		
3	QPSK	8	7	22.75	22.84	22.78		
3	QPSK	15	0	22.83	22.96	22.80	24	0
3	16QAM	1	0	22.94	23.02	22.85		
3	16QAM	1	8	22.89	22.96	22.87		
3	16QAM	1	14	22.77	22.75	22.66		
3	16QAM	8	0	22.66	22.87	22.79	23.5	0.5
3	16QAM	8	4	22.65	22.65	22.67		
3	16QAM	8	7	22.57	22.68	22.60		
3	16QAM	15	0	22.48	22.60	22.53		
3	64QAM	1	0	22.75	22.92	22.80	23.5	0.5
3	64QAM	1	8	22.66	22.91	22.76		
3	64QAM	1	14	22.65	22.72	22.69		
3	64QAM	8	0	21.76	21.87	21.64	22.5	1.5
3	64QAM	8	4	21.67	21.66	21.62		
3	64QAM	8	7	21.61	21.74	21.57		
3	64QAM	15	0	21.63	21.53	21.58		
3	256QAM	1	0	19.76	19.96	19.83	20.5	3.5
3	256QAM	1	8	19.69	19.85	19.77		
3	256QAM	1	14	19.63	19.72	19.67		
3	256QAM	8	0	19.76	19.83	19.81	20.5	3.5
3	256QAM	8	4	19.66	19.83	19.60		
3	256QAM	8	7	19.62	19.71	19.60		
3	256QAM	15	0	19.50	19.61	19.61		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	23.12	23.12	23.15	24	0
1.4	QPSK	1	3	22.98	22.97	23.05		
1.4	QPSK	1	5	22.93	22.93	22.96		
1.4	QPSK	3	0	22.85	23.09	22.97		
1.4	QPSK	3	1	22.81	22.87	22.82		
1.4	QPSK	3	3	22.81	22.94	22.71		
1.4	QPSK	6	0	22.80	22.86	22.80	24	0
1.4	16QAM	1	0	22.92	23.04	22.83	24	0
1.4	16QAM	1	3	22.86	22.90	22.81		
1.4	16QAM	1	5	22.84	23.00	22.81		
1.4	16QAM	3	0	22.78	22.89	22.78		
1.4	16QAM	3	1	22.85	22.95	22.84		
1.4	16QAM	3	3	22.90	23.03	22.79		
1.4	16QAM	6	0	22.70	22.67	22.69	23.5	0.5
1.4	64QAM	1	0	22.57	22.62	22.57	23.5	0.5
1.4	64QAM	1	3	22.57	22.60	22.55		
1.4	64QAM	1	5	22.70	22.76	22.67		
1.4	64QAM	3	0	22.67	22.86	22.84		
1.4	64QAM	3	1	22.71	22.70	22.69		
1.4	64QAM	3	3	22.72	22.86	22.83		
1.4	64QAM	6	0	21.68	21.91	21.70	22.5	1.5
1.4	256QAM	1	0	19.86	19.92	19.81	20.5	3.5
1.4	256QAM	1	3	19.69	19.76	19.78		
1.4	256QAM	1	5	19.71	19.78	19.65		
1.4	256QAM	3	0	19.73	19.93	19.72		
1.4	256QAM	3	1	19.69	19.76	19.67		
1.4	256QAM	3	3	19.65	19.65	19.58		
1.4	256QAM	6	0	19.54	19.67	19.62	20.5	3.5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	22.53	22.59	22.47	24	0
15	QPSK	1	37	22.38	22.39	22.38		
15	QPSK	1	74	22.28	22.37	22.31		
15	QPSK	36	0	22.37	22.54	22.37	24	0
15	QPSK	36	20	22.37	22.46	22.31		
15	QPSK	36	39	22.31	22.30	22.34		
15	QPSK	75	0	22.31	22.36	22.29		
15	16QAM	1	0	22.29	22.51	22.36	24	0
15	16QAM	1	37	22.34	22.40	22.27		
15	16QAM	1	74	22.28	22.34	22.22		
15	16QAM	36	0	22.33	22.47	22.38	23.5	0.5
15	16QAM	36	20	22.30	22.32	22.26		
15	16QAM	36	39	22.26	22.29	22.26		
15	16QAM	75	0	22.21	22.22	22.14		
15	64QAM	1	0	22.26	22.42	22.27	23.5	0.5
15	64QAM	1	37	22.26	22.27	22.23		
15	64QAM	1	74	22.10	22.25	22.20		
15	64QAM	36	0	21.26	21.37	21.25	22.5	1.5
15	64QAM	36	20	21.21	21.27	21.22		
15	64QAM	36	39	21.11	21.15	21.15		
15	64QAM	75	0	21.04	21.08	21.02		
15	256QAM	1	0	19.46	19.62	19.47	20.5	3.5
15	256QAM	1	37	19.39	19.48	19.44		
15	256QAM	1	74	19.33	19.39	19.39		
15	256QAM	36	0	19.36	19.49	19.36	20.5	3.5
15	256QAM	36	20	19.22	19.40	19.34		
15	256QAM	36	39	19.22	19.34	19.30		
15	256QAM	75	0	19.13	19.21	19.15		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.42	22.46	22.37	24	0
10	QPSK	1	25	22.23	22.33	22.23		
10	QPSK	1	49	22.14	22.25	22.20		
10	QPSK	25	0	22.23	22.44	22.27	24	0
10	QPSK	25	12	22.24	22.39	22.16		
10	QPSK	25	25	22.26	22.19	22.22		
10	QPSK	50	0	22.28	22.25	22.25		
10	16QAM	1	0	22.17	22.41	22.32	24	0
10	16QAM	1	25	22.23	22.36	22.19		
10	16QAM	1	49	22.23	22.20	22.15		
10	16QAM	25	0	22.21	22.41	22.24	23.5	0.5
10	16QAM	25	12	22.23	22.24	22.14		
10	16QAM	25	25	22.17	22.18	22.18		
10	16QAM	50	0	22.10	22.11	22.07		
10	64QAM	1	0	22.16	22.29	22.18	23.5	0.5
10	64QAM	1	25	22.23	22.17	22.11		
10	64QAM	1	49	22.01	22.15	22.13		
10	64QAM	25	0	21.11	21.29	21.21	22.5	1.5
10	64QAM	25	12	21.14	21.22	21.08		
10	64QAM	25	25	21.05	21.07	21.03		
10	64QAM	50	0	20.91	21.02	20.88		
10	256QAM	1	0	19.41	19.50	19.34	20.5	3.5
10	256QAM	1	25	19.32	19.35	19.33		
10	256QAM	1	49	19.19	19.28	19.36		
10	256QAM	25	0	19.28	19.46	19.25	20.5	3.5
10	256QAM	25	12	19.07	19.31	19.21		
10	256QAM	25	25	19.15	19.20	19.16		
10	256QAM	50	0	18.99	19.15	19.04		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.43	22.49	22.40	24	0
5	QPSK	1	12	22.25	22.30	22.33		
5	QPSK	1	24	22.23	22.32	22.21		
5	QPSK	12	0	22.34	22.41	22.28	24	0
5	QPSK	12	7	22.28	22.33	22.20		
5	QPSK	12	13	22.21	22.24	22.25		
5	QPSK	25	0	22.26	22.23	22.21		
5	16QAM	1	0	22.16	22.46	22.24	24	0
5	16QAM	1	12	22.21	22.36	22.16		
5	16QAM	1	24	22.15	22.21	22.13		
5	16QAM	12	0	22.29	22.38	22.25	23.5	0.5
5	16QAM	12	7	22.16	22.28	22.19		
5	16QAM	12	13	22.21	22.22	22.23		
5	16QAM	25	0	22.12	22.14	22.07		
5	64QAM	1	0	22.18	22.32	22.17	23.5	0.5
5	64QAM	1	12	22.21	22.17	22.12		
5	64QAM	1	24	21.97	22.16	22.17		
5	64QAM	12	0	21.15	21.31	21.21	22.5	1.5
5	64QAM	12	7	21.15	21.18	21.14		
5	64QAM	12	13	21.02	21.12	21.03		
5	64QAM	25	0	20.94	21.01	20.87		
5	256QAM	1	0	19.36	19.50	19.39	20.5	3.5
5	256QAM	1	12	19.26	19.34	19.30		
5	256QAM	1	24	19.29	19.31	19.31		
5	256QAM	12	0	19.31	19.43	19.26	20.5	3.5
5	256QAM	12	7	19.13	19.31	19.27		
5	256QAM	12	13	19.17	19.29	19.17		
5	256QAM	25	0	19.06	19.14	19.01		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.50	22.50	22.37	24	0
3	QPSK	1	8	22.34	22.32	22.23		
3	QPSK	1	14	22.14	22.29	22.19		
3	QPSK	8	0	22.30	22.51	22.31	24	0
3	QPSK	8	4	22.32	22.33	22.16		
3	QPSK	8	7	22.22	22.27	22.23		
3	QPSK	15	0	22.24	22.33	22.22		
3	16QAM	1	0	22.21	22.44	22.30	24	0
3	16QAM	1	8	22.29	22.36	22.13		
3	16QAM	1	14	22.22	22.28	22.18		
3	16QAM	8	0	22.21	22.42	22.28	23.5	0.5
3	16QAM	8	4	22.25	22.24	22.18		
3	16QAM	8	7	22.22	22.21	22.15		
3	16QAM	15	0	22.17	22.08	22.09		
3	64QAM	1	0	22.19	22.38	22.12	23.5	0.5
3	64QAM	1	8	22.21	22.24	22.14		
3	64QAM	1	14	22.00	22.22	22.14		
3	64QAM	8	0	21.18	21.29	21.13	22.5	1.5
3	64QAM	8	4	21.10	21.19	21.13		
3	64QAM	8	7	20.98	21.05	21.06		
3	64QAM	15	0	20.99	21.02	20.89		
3	256QAM	1	0	19.41	19.53	19.37	20.5	3.5
3	256QAM	1	8	19.30	19.41	19.35		
3	256QAM	1	14	19.19	19.25	19.28		
3	256QAM	8	0	19.29	19.42	19.30	20.5	3.5
3	256QAM	8	4	19.10	19.29	19.25		
3	256QAM	8	7	19.17	19.26	19.16		
3	256QAM	15	0	19.08	19.16	19.01		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.45	22.52	22.42	24	0
1.4	QPSK	1	3	22.33	22.31	22.26		
1.4	QPSK	1	5	22.14	22.24	22.27		
1.4	QPSK	3	0	22.31	22.42	22.34		
1.4	QPSK	3	1	22.33	22.34	22.17		
1.4	QPSK	3	3	22.28	22.17	22.26		
1.4	QPSK	6	0	22.19	22.30	22.22	24	0
1.4	16QAM	1	0	22.14	22.45	22.29	24	0
1.4	16QAM	1	3	22.21	22.37	22.24		
1.4	16QAM	1	5	22.24	22.24	22.14		
1.4	16QAM	3	0	22.26	22.39	22.33		
1.4	16QAM	3	1	22.21	22.31	22.24		
1.4	16QAM	3	3	22.19	22.23	22.13		
1.4	16QAM	6	0	22.22	22.37	22.35	23.5	0.5
1.4	64QAM	1	0	22.21	22.29	22.20	23.5	0.5
1.4	64QAM	1	3	22.16	22.16	22.22		
1.4	64QAM	1	5	22.15	22.09	22.07		
1.4	64QAM	3	0	22.22	22.36	22.17		
1.4	64QAM	3	1	22.11	22.14	22.19		
1.4	64QAM	3	3	22.06	22.12	22.12		
1.4	64QAM	6	0	21.13	21.34	21.18	22.5	1.5
1.4	256QAM	1	0	19.38	19.54	19.42	20.5	3.5
1.4	256QAM	1	3	19.32	19.36	19.34		
1.4	256QAM	1	5	19.27	19.29	19.31		
1.4	256QAM	3	0	19.27	19.37	19.29		
1.4	256QAM	3	1	19.09	19.31	19.29		
1.4	256QAM	3	3	19.16	19.22	19.22		
1.4	256QAM	6	0	19.08	19.11	19.08	20.5	3.5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		20.82		22	0
10	QPSK	1	25		20.77			
10	QPSK	1	49		20.73			
10	QPSK	25	0		20.79		22	0
10	QPSK	25	12		20.71			
10	QPSK	25	25		20.69			
10	QPSK	50	0		20.75			
10	16QAM	1	0		20.68		22	0
10	16QAM	1	25		20.72			
10	16QAM	1	49		20.70			
10	16QAM	25	0		20.70		22	0
10	16QAM	25	12		20.76			
10	16QAM	25	25		20.71			
10	16QAM	50	0		20.64			
10	64QAM	1	0		20.81		22	0
10	64QAM	1	25		20.67			
10	64QAM	1	49		20.70			
10	64QAM	25	0		20.75		21	1
10	64QAM	25	12		20.57			
10	64QAM	25	25		20.50			
10	64QAM	50	0		20.53			
10	256QAM	1	0		19.38		20	2
10	256QAM	1	25		19.22			
10	256QAM	1	49		19.22			
10	256QAM	25	0		18.96		20	2
10	256QAM	25	12		18.85			
10	256QAM	25	25		18.78			
10	256QAM	50	0		18.73			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	20.71	20.78	20.76	22	0
5	QPSK	1	12	20.63	20.63	20.62		
5	QPSK	1	24	20.58	20.62	20.59		
5	QPSK	12	0	20.70	20.75	20.68	22	0
5	QPSK	12	7	20.66	20.65	20.62		
5	QPSK	12	13	20.56	20.62	20.55		
5	QPSK	25	0	20.60	20.70	20.66		
5	16QAM	1	0	20.56	20.58	20.55	22	0
5	16QAM	1	12	20.67	20.64	20.65		
5	16QAM	1	24	20.57	20.67	20.58		
5	16QAM	12	0	20.63	20.66	20.59	22	0
5	16QAM	12	7	20.69	20.72	20.68		
5	16QAM	12	13	20.62	20.58	20.64		
5	16QAM	25	0	20.60	20.50	20.51		
5	64QAM	1	0	20.65	20.73	20.67	22	0
5	64QAM	1	12	20.55	20.64	20.56		
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Band 66 DSI3_Standalone Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	22.71	22.75	22.63		
20	QPSK	1	49	22.61	22.73	22.66	23.5	0
20	QPSK	1	99	22.67	22.70	22.60		
20	QPSK	50	0	22.65	22.73	22.65		
20	QPSK	50	24	22.50	22.56	22.57	23.5	0
20	QPSK	50	50	22.56	22.60	22.58		
20	QPSK	100	0	22.58	22.66	22.61		
20	16QAM	1	0	22.62	22.61	22.46		
20	16QAM	1	49	22.53	22.59	22.55	23.5	0
20	16QAM	1	99	22.63	22.61	22.55		
20	16QAM	50	0	22.54	22.64	22.63		
20	16QAM	50	24	22.43	22.65	22.61	23.5	0
20	16QAM	50	50	22.57	22.62	22.59		
20	16QAM	100	0	22.52	22.53	22.53		
20	64QAM	1	0	22.43	22.60	22.56		
20	64QAM	1	49	22.49	22.53	22.54	23.5	0
20	64QAM	1	99	22.47	22.65	22.51		
20	64QAM	50	0	21.69	21.90	21.71		
20	64QAM	50	24	21.63	21.77	21.77	22.5	1
20	64QAM	50	50	21.63	21.72	21.61		
20	64QAM	100	0	21.57	21.62	21.58		
20	256QAM	1	0	18.86	19.07	18.93		
20	256QAM	1	49	18.89	18.92	18.84	20.5	3
20	256QAM	1	99	18.81	18.84	18.83		
20	256QAM	50	0	18.84	18.98	18.80		
20	256QAM	50	24	18.78	18.86	18.74	20.5	3
20	256QAM	50	50	18.69	18.77	18.73		
20	256QAM	100	0	18.71	18.70	18.65		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	22.58	22.69	22.52		
15	QPSK	1	37	22.64	22.61	22.57	23.5	0
15	QPSK	1	74	22.62	22.65	22.49		
15	QPSK	36	0	22.55	22.66	22.59		
15	QPSK	36	20	22.36	22.45	22.53	23.5	0
15	QPSK	36	39	22.50	22.56	22.47		
15	QPSK	75	0	22.51	22.60	22.54		
15	16QAM	1	0	22.56	22.48	22.42		
15	16QAM	1	37	22.45	22.51	22.49	23.5	0
15	16QAM	1	74	22.51	22.51	22.49		
15	16QAM	36	0	22.42	22.56	22.48		
15	16QAM	36	20	22.28	22.57	22.49	23.5	0
15	16QAM	36	39	22.49	22.47	22.45		
15	16QAM	75	0	22.45	22.48	22.47		
15	64QAM	1	0	22.32	22.52	22.47		
15	64QAM	1	37	22.38	22.45	22.47	23.5	0
15	64QAM	1	74	22.34	22.61	22.43		
15	64QAM	36	0	21.59	21.86	21.61		
15	64QAM	36	20	21.51	21.63	21.67	22.5	1
15	64QAM	36	39	21.50	21.60	21.52		
15	64QAM	75	0	21.48	21.50	21.51		
15	256QAM	1	0	18.78	18.99	18.80		
15	256QAM	1	37	18.82	18.89	18.78	20.5	3
15	256QAM	1	74	18.75	18.79	18.77		
15	256QAM	36	0	18.80	18.86	18.69		
15	256QAM	36	20	18.73	18.73	18.60	20.5	3
15	256QAM	36	39	18.58	18.69	18.63		
15	256QAM	75	0	18.63	18.61	18.56		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	22.61	22.66	22.51		
10	QPSK	1	25	22.57	22.65	22.59	23.5	0
10	QPSK	1	49	22.60	22.64	22.55		
10	QPSK	25	0	22.61	22.62	22.58		
10	QPSK	25	12	22.37	22.49	22.43	23.5	0
10	QPSK	25	25	22.45	22.53	22.44		
10	QPSK	50	0	22.49	22.57	22.46		
10	16QAM	1	0	22.50	22.56	22.39		
10	16QAM	1	25	22.42	22.56	22.50	23.5	0
10	16QAM	1	49	22.54	22.50	22.42		
10	16QAM	25	0	22.47	22.55	22.54		
10	16QAM	25	12	22.36	22.52	22.49	23.5	0
10	16QAM	25	25	22.47	22.55	22.51		
10	16QAM	50	0	22.42	22.39	22.38		
10	64QAM	1	0	22.34	22.52	22.41		
10	64QAM	1	25	22.36	22.49	22.44	23.5	0
10	64QAM	1	49	22.32	22.54	22.39		
10	64QAM	25	0	21.56	21.75	21.61		
10	64QAM	25	12	21.50	21.69	21.69	22.5	1
10	64QAM	25	25	21.54	21.57	21.57		
10	64QAM	50	0	21.42	21.52	21.44		
10	256QAM	1	0	18.76	18.96	18.81		
10	256QAM	1	25	18.79	18.82	18.80	20.5	3
10	256QAM	1	49	18.73	18.70	18.77		
10	256QAM	25	0	18.71	18.87	18.74		
10	256QAM	25	12	18.75	18.81	18.63	20.5	3
10	256QAM	25	25	18.60	18.65	18.62		
10	256QAM	50	0	18.63	18.57	18.53		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	22.63	22.70	22.49		
5	QPSK	1	12	22.50	22.68	22.55	23.5	0
5	QPSK	1	24	22.55	22.61	22.54		
5	QPSK	12	0	22.51	22.58	22.53		
5	QPSK	12	7	22.42	22.51	22.48	23.5	0
5	QPSK	12	13	22.50	22.55	22.53		
5	QPSK	25	0	22.51	22.60	22.47		
5	16QAM	1	0	22.50	22.56	22.42		
5	16QAM	1	12	22.46	22.53	22.49	23.5	0
5	16QAM	1	24	22.53	22.49	22.52		
5	16QAM	12	0	22.41	22.52	22.49		
5	16QAM	12	7	22.39	22.56	22.50	23.5	0
5	16QAM	12	13	22.47	22.59	22.52		
5	16QAM	25	0	22.40	22.39	22.39		
5	64QAM	1	0	22.30	22.46	22.44		
5	64QAM	1	12	22.39	22.48	22.43	23.5	0
5	64QAM	1	24	22.44	22.60	22.47		
5	64QAM	12	0	21.63	21.80	21.61		
5	64QAM	12	7	21.51	21.67	21.70	22.5	1
5	64QAM	12	13	21.58	21.67	21.56		
5	64QAM	25	0	21.51	21.53	21.50		
5	256QAM	1	0	18.76	19.01	18.86		
5	256QAM	1	12	18.77	18.84	18.80	20.5	3
5	256QAM	1	24	18.71	18.76	18.78		
5	256QAM	12	0	18.72	18.83	18.71		
5	256QAM	12	7	18.71	18.72	18.68	20.5	3
5	256QAM	12	13	18.65	18.66	18.61		
5	256QAM	25	0	18.62	18.61	18.61		
Channel				131982	132322	132662	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	22.57	22.71	22.58		
3	QPSK	1	8	22.54	22.67	22.56	23.5	0
3	QPSK	1	14	22.62	22.58	22.47		
3	QPSK	8	0	22.54	22.63	22.51		
3	QPSK	8	4	22.37	22.52	22.48	23.5	0
3	QPSK	8	7	22.46	22.49	22.48		
3	QPSK	15	0	22.46	22.53	22.53		
3	16QAM	1	0	22.55	22.46	22.38		
3	16QAM	1	8	22.43	22.50	22.45	23.5	0
3	16QAM	1	14	22.51	22.57	22.45		
3	16QAM	8	0	22.43	22.51	22.60		
3	16QAM	8	4	22.37	22.55	22.52	23.5	0
3	16QAM	8	7	22.45	22.52	22.50		
3	16QAM	15	0	22.40	22.39	22.43		
3	64QAM	1	0	22.32	22.53	22.48		
3	64QAM	1	8	22.40	22.42	22.48	23.5	0
3	64QAM	1	14	22.37	22.52	22.45		
3	64QAM	8	0	21.57	21.85	21.59		
3	64QAM	8	4	21.52	21.68	21.70	22.5	1
3	64QAM	8	7	21.51	21.60	21.49		
3	64QAM	15	0	21.45	21.55	21.48		
3	256QAM	1	0	18.75	18.99	18.84		
3	256QAM	1	8	18.85	18.86	18.79	20.5	3
3	256QAM	1	14	18.74	18.81	18.70		
3	256QAM	8	0	18.69	18.88	18.73		
3	256QAM	8	4	18.75	18.75	18.68	20.5	3
3	256QAM	8	7	18.60	18.72	18.60		
3	256QAM	15	0	18.58	18.60	18.62		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	22.57	22.65	22.56		
1.4	QPSK	1	3	22.49	22.62	22.59		
1.4	QPSK	1	5	22.61	22.55	22.48	23.5	0
1.4	QPSK	3	0	22.51	22.60	22.54		
1.4	QPSK	3	1	22.43	22.41	22.46		
1.4	QPSK	3	3	22.51	22.55	22.54		
1.4	QPSK	6	0	22.46	22.55	22.53	23.5	0
1.4	16QAM	1	0	22.59	22.53	22.33		
1.4	16QAM	1	3	22.47	22.45	22.49		
1.4	16QAM	1	5	22.59	22.47	22.44	23.5	0
1.4	16QAM	3	0	22.44	22.53	22.48		
1.4	16QAM	3	1	22.34	22.52	22.36		
1.4	16QAM	3	3	22.46	22.57	22.53		
1.4	16QAM	6	0	22.43	22.47	22.43	23.5	0
1.4	64QAM	1	0	22.36	22.55	22.48		
1.4	64QAM	1	3	22.45	22.47	22.46		
1.4	64QAM	1	5	22.42	22.56	22.38	23.5	0
1.4	64QAM	3	0	22.36	22.60	22.55		
1.4	64QAM	3	1	22.50	22.58	22.48		
1.4	64QAM	3	3	22.45	22.39	22.44		
1.4	64QAM	6	0	21.66	21.76	21.57	22.5	1
1.4	256QAM	1	0	18.73	18.99	18.89		
1.4	256QAM	1	3	18.78	18.85	18.75		
1.4	256QAM	1	5	18.76	18.69	18.69	20.5	3
1.4	256QAM	3	0	18.80	18.86	18.76		
1.4	256QAM	3	1	18.74	18.79	18.59		
1.4	256QAM	3	3	18.66	18.69	18.61		
1.4	256QAM	6	0	18.64	18.58	18.60	20.5	3

Band 71 Default Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				133222	133322	133372		
Frequency (MHz)				673	683	688		
20	QPSK	1	0	22.95	23.04	22.89		
20	QPSK	1	49	22.84	22.87	22.77	24	0
20	QPSK	1	99	22.71	22.88	22.66		
20	QPSK	50	0	22.76	22.94	22.84		
20	QPSK	50	24	22.77	22.77	22.75	24	0
20	QPSK	50	50	22.71	22.73	22.66		
20	QPSK	100	0	22.66	22.76	22.70		
20	16QAM	1	0	22.78	22.92	22.73		
20	16QAM	1	49	22.69	22.83	22.73	24	0
20	16QAM	1	99	22.61	22.76	22.66		
20	16QAM	50	0	22.53	22.74	22.61		
20	16QAM	50	24	22.50	22.54	22.54	23.5	0.5
20	16QAM	50	50	22.48	22.60	22.51		
20	16QAM	100	0	22.46	22.54	22.45		
20	64QAM	1	0	22.73	22.88	22.76		
20	64QAM	1	49	22.72	22.75	22.72	23.5	0.5
20	64QAM	1	99	22.64	22.69	22.60		
20	64QAM	50	0	21.67	21.83	21.73		
20	64QAM	50	24	21.63	21.72	21.69	22.5	1.5
20	64QAM	50	50	21.56	21.61	21.62		
20	64QAM	100	0	21.49	21.55	21.55		
20	256QAM	1	0	19.64	19.81	19.72		
20	256QAM	1	49	19.57	19.61	19.61	20.5	3.5
20	256QAM	1	99	19.58	19.64	19.55		
20	256QAM	50	0	19.59	19.77	19.58		
20	256QAM	50	24	19.56	19.64	19.53	20.5	3.5
20	256QAM	50	50	19.54	19.64	19.50		
20	256QAM	100	0	19.43	19.48	19.47		
Channel				133197	133297	133397	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	0	22.85	23.00	22.78		
15	QPSK	1	37	22.71	22.75	22.65	24	0
15	QPSK	1	74	22.67	22.82	22.58		
15	QPSK	36	0	22.69	22.88	22.74		
15	QPSK	36	20	22.64	22.63	22.66	24	0
15	QPSK	36	39	22.68	22.64	22.53		
15	QPSK	75	0	22.58	22.61	22.59		
15	16QAM	1	0	22.68	22.78	22.64		
15	16QAM	1	37	22.64	22.69	22.66	24	0
15	16QAM	1	74	22.47	22.69	22.59		
15	16QAM	36	0	22.44	22.62	22.52		
15	16QAM	36	20	22.40	22.49	22.49	23.5	0.5
15	16QAM	36	39	22.45	22.46	22.40		
15	16QAM	75	0	22.33	22.41	22.41		
15	64QAM	1	0	22.68	22.82	22.67		
15	64QAM	1	37	22.68	22.63	22.67	23.5	0.5
15	64QAM	1	74	22.59	22.57	22.55		
15	64QAM	36	0	21.61	21.78	21.58		
15	64QAM	36	20	21.49	21.59	21.57	22.5	1.5
15	64QAM	36	39	21.46	21.47	21.57		
15	64QAM	75	0	21.46	21.50	21.44		
15	256QAM	1	0	19.52	19.68	19.62		
15	256QAM	1	37	19.47	19.53	19.46	20.5	3.5
15	256QAM	1	74	19.54	19.57	19.45		
15	256QAM	36	0	19.48	19.65	19.46		
15	256QAM	36	20	19.43	19.55	19.48	20.5	3.5
15	256QAM	36	39	19.50	19.60	19.43		
15	256QAM	75	0	19.31	19.37	19.36		
Channel				133172	133272	133422	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	678	693		
10	QPSK	1	0	22.83	22.96	22.78		
10	QPSK	1	25	22.75	22.74	22.64	24	0
10	QPSK	1	49	22.67	22.83	22.59		
10	QPSK	25	0	22.71	22.81	22.73		
10	QPSK	25	12	22.70	22.73	22.63	24	0
10	QPSK	25	25	22.66	22.65	22.56		
10	QPSK	50	0	22.60	22.71	22.59		
10	16QAM	1	0	22.73	22.77	22.64		
10	16QAM	1	25	22.58	22.72	22.69	24	0
10	16QAM	1	49	22.50	22.67	22.62		
10	16QAM	25	0	22.42	22.62	22.55		
10	16QAM	25	12	22.40	22.47	22.49	23.5	0.5
10	16QAM	25	25	22.42	22.46	22.40		
10	16QAM	50	0	22.32	22.50	22.40		
10	64QAM	1	0	22.64	22.73	22.65		
10	64QAM	1	25	22.63	22.61	22.59	23.5	0.5
10	64QAM	1	49	22.54	22.55	22.49		
10	64QAM	25	0	21.63	21.71	21.60		
10	64QAM	25	12	21.52	21.63	21.58	22.5	1.5
10	64QAM	25	25	21.41	21.54	21.55		
10	64QAM	50	0	21.35	21.51	21.48		
10	256QAM	1	0	19.60	19.72	19.61		
10	256QAM	1	25	19.42	19.49	19.48	20.5	3.5
10	256QAM	1	49	19.53	19.51	19.49		
10	256QAM	25	0	19.52	19.72	19.55		
10	256QAM	25	12	19.43	19.55	19.43	20.5	3.5
10	256QAM	25	25	19.44	19.53	19.37		
10	256QAM	50	0	19.36	19.37	19.36		
Channel				133147	133247	133447	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	675.5	695.5		
5	QPSK	1	0	22.82	22.90	22.82		
5	QPSK	1	12	22.78	22.83	22.63	24	0
5	QPSK	1	24	22.64	22.84	22.53		
5	QPSK	12	0	22.68	22.81	22.80		
5	QPSK	12	7	22.64	22.69	22.61	24	0
5	QPSK	12	13	22.59	22.60	22.57		
5	QPSK	25	0	22.57	22.71	22.65		
5	16QAM	1	0	22.68	22.82	22.63		
5	16QAM	1	12	22.54	22.75	22.69	24	0
5	16QAM	1	24	22.54	22.70	22.61		
5	16QAM	12	0	22.49	22.71	22.49		
5	16QAM	12	7	22.43	22.42	22.43	23.5	0.5
5	16QAM	12	13	22.38	22.54	22.49		
5	16QAM	25	0	22.42	22.42	22.41		
5	64QAM	1	0	22.68	22.80	22.62		
5	64QAM	1	12	22.62	22.61	22.57	23.5	0.5
5	64QAM	1	24	22.58	22.55	22.46		
5	64QAM	12	0	21.61	21.71	21.64		
5	64QAM	12	7	21.52	21.65	21.63	22.5	1.5
5	64QAM	12	13	21.42	21.50	21.51		
5	64QAM	25	0	21.39	21.43	21.52		
5	256QAM	1	0	19.60	19.74	19.68		
5	256QAM	1	12	19.44	19.48	19.56	20.5	3.5
5	256QAM	1	24	19.45	19.60	19.40		
5	256QAM	12	0	19.54	19.63	19.45		
5	256QAM	12	7	19.41	19.50	19.41	20.5	3.5
5	256QAM	12	13	19.44	19.52	19.40		
5	256QAM	25	0	19.31	19.43	19.36		

Band 38 Default Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2596	2610		
20	QPSK	1	0	20.67	20.69	20.50		
20	QPSK	1	49	20.46	20.43	20.46	22	0
20	QPSK	1	99	20.47	20.43	20.40		
20	QPSK	50	0	20.47	20.55	20.33		
20	QPSK	50	24	20.36	20.50	20.42	22	0
20	QPSK	50	50	20.23	20.36	20.32		
20	QPSK	100	0	20.37	20.52	20.33		
20	16QAM	1	0	20.46	20.57	20.39		
20	16QAM	1	49	20.36	20.45	20.33	22	0
20	16QAM	1	99	20.29	20.33	20.40		
20	16QAM	50	0	20.06	20.23	20.04		
20	16QAM	50	24	20.10	20.06	20.05	21.5	0.5
20	16QAM	50	50	19.87	20.03	19.96		
20	16QAM	100	0	19.92	20.11	20.00		
20	64QAM	1	0	20.03	20.26	20.03		
20	64QAM	1	49	19.94	20.04	20.10	21.5	0.5
20	64QAM	1	99	20.10	20.01	20.06		
20	64QAM	50	0	19.86	20.04	19.95		
20	64QAM	50	24	19.83	19.90	19.89	20.5	1.5
20	64QAM	50	50	19.82	19.86	19.83		
20	64QAM	100	0	19.85	19.88	19.79		
20	256QAM	1	0	17.91	18.08	17.94		
20	256QAM	1	49	17.82	18.08	17.92	18.5	3.5
20	256QAM	1	99	17.86	17.85	17.87		
20	256QAM	50	0	17.94	18.06	17.97		
20	256QAM	50	24	17.90	17.95	17.90	18.5	3.5
20	256QAM	50	50	17.77	17.87	17.81		
20	256QAM	100	0	17.91	18.03	17.94		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2596	2612.5		
15	QPSK	1	0	20.50	20.60	20.47		
15	QPSK	1	37	20.29	20.36	20.42	22	0
15	QPSK	1	74	20.40	20.36	20.23		
15	QPSK	36	0	20.30	20.38	20.27		
15	QPSK	36	20	20.24	20.39	20.31	22	0
15	QPSK	36	39	20.17	20.27	20.24		
15	QPSK	75	0	20.31	20.39	20.25		
15	16QAM	1	0	20.31	20.44	20.25		
15	16QAM	1	37	20.27	20.37	20.17	22	0
15	16QAM	1	74	20.25	20.23	20.33		
15	16QAM	36	0	19.95	20.20	19.88		
15	16QAM	36	20	19.92	19.95	19.95	21.5	0.5
15	16QAM	36	39	19.79	19.93	19.83		
15	16QAM	75	0	19.85	19.99	19.88		
15	64QAM	1	0	19.94	20.23	19.99		
15	64QAM	1	37	19.77	19.97	20.07	21.5	0.5
15	64QAM	1	74	20.01	19.95	19.99		
15	64QAM	36	0	19.77	20.01	19.81		
15	64QAM	36	20	19.73	19.86	19.85	20.5	1.5
15	64QAM	36	39	19.71	19.72	19.79		
15	64QAM	75	0	19.75	19.85	19.69		
15	256QAM	1	0	17.78	17.97	17.88		
15	256QAM	1	37	17.70	18.04	17.89	18.5	3.5
15	256QAM	1	74	17.73	17.82	17.72		
15	256QAM	36	0	17.83	18.00	17.92		
15	256QAM	36	20	17.86	17.89	17.82	18.5	3.5
15	256QAM	36	39	17.64	17.77	17.71		
15	256QAM	75	0	17.79	17.99	17.87		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2596	2615		
10	QPSK	1	0	20.56	20.52	20.46		
10	QPSK	1	25	20.31	20.39	20.41	22	0
10	QPSK	1	49	20.35	20.26	20.34		
10	QPSK	25	0	20.37	20.42	20.22		
10	QPSK	25	12	20.24	20.46	20.26	22	0
10	QPSK	25	25	20.17	20.25	20.22		
10	QPSK	50	0	20.34	20.42	20.28		
10	16QAM	1	0	20.32	20.41	20.25		
10	16QAM	1	25	20.22	20.33	20.29	22	0
10	16QAM	1	49	20.15	20.17	20.33		
10	16QAM	25	0	20.04	20.20	19.98		
10	16QAM	25	12	20.04	19.93	19.90	21.5	0.5
10	16QAM	25	25	19.81	19.86	19.87		
10	16QAM	50	0	19.86	20.04	19.84		
10	64QAM	1	0	19.89	20.09	20.01		
10	64QAM	1	25	19.82	20.01	20.01	21.5	0.5
10	64QAM	1	49	20.06	19.83	20.04		
10	64QAM	25	0	19.81	20.00	19.81		
10	64QAM	25	12	19.71	19.85	19.78	20.5	1.5
10	64QAM	25	25	19.74	19.71	19.75		
10	64QAM	50	0	19.80	19.83	19.72		
10	256QAM	1	0	17.81	18.03	17.84		
10	256QAM	1	25	17.73	17.97	17.86	18.5	3.5
10	256QAM	1	49	17.71	17.70	17.74		
10	256QAM	25	0	17.84	17.93	17.84		
10	256QAM	25	12	17.80	17.91	17.85	18.5	3.5
10	256QAM	25	25	17.69	17.82	17.69		
10	256QAM	50	0	17.85	17.98	17.84		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2596	2617.5		
5	QPSK	1	0	20.56	20.61	20.38		
5	QPSK	1	12	20.31	20.32	20.37	22	0
5	QPSK	1	24	20.44	20.39	20.33		
5	QPSK	12	0	20.38	20.46	20.20		
5	QPSK	12	7	20.24	20.42	20.36	22	0
5	QPSK	12	13	20.11	20.29	20.18		
5	QPSK	25	0	20.20	20.39	20.29		
5	16QAM	1	0	20.31	20.44	20.23		
5	16QAM	1	12	20.28	20.39	20.15	22	0
5	16QAM	1	24	20.16	20.29	20.25		
5	16QAM	12	0	19.93	20.17	19.96		
5	16QAM	12	7	19.97	19.92	20.00	21.5	0.5
5	16QAM	12	13	19.77	19.93	19.80		
5	16QAM	25	0	19.82	19.96	19.93		
5	64QAM	1	0	19.94	20.12	20.00		
5	64QAM	1	12	19.89	19.98	20.03	21.5	0.5
5	64QAM	1	24	19.95	19.91	19.99		
5	64QAM	12	0	19.78	19.89	19.81		
5	64QAM	12	7	19.75	19.78	19.75	20.5	1.5
5	64QAM	12	13	19.72	19.78	19.71		
5	64QAM	25	0	19.80	19.78	19.66		
5	256QAM	1	0	17.83	18.01	17.86		
5	256QAM	1	12	17.74	18.03	17.82	18.5	3.5
5	256QAM	1	24	17.74	17.70	17.78		
5	256QAM	12	0	17.86	17.93	17.85		
5	256QAM	12	7	17.79	17.86	17.86	18.5	3.5
5	256QAM	12	13	17.70	17.81	17.70		
5	256QAM	25	0	17.87	17.89	17.89		

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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	22.03	22.10	22.12	22.07	21.97		
20	QPSK	1	49	21.81	22.03	22.02	21.89	21.84	23	0
20	QPSK	1	99	21.77	21.78	21.91	21.86	21.88		
20	QPSK	50	0	22.01	21.91	22.09	21.95	21.99		
20	QPSK	50	24	21.72	21.81	21.81	21.81	21.76	23	0
20	QPSK	50	50	21.81	21.82	21.83	21.71	21.89		
20	QPSK	100	0	21.93	21.76	21.98	21.74	21.92		
20	16QAM	1	0	21.82	21.82	21.96	21.79	21.87		
20	16QAM	1	49	21.68	21.73	21.82	21.82	21.65	23	0
20	16QAM	1	99	21.67	21.77	21.78	21.72	21.72		
20	16QAM	50	0	21.32	21.18	21.38	21.24	21.29		
20	16QAM	50	24	21.12	21.17	21.20	21.25	21.17	22.5	0.5
20	16QAM	50	50	21.01	21.08	21.16	21.16	21.04		
20	16QAM	100	0	21.30	21.21	21.33	21.19	21.27		
20	64QAM	1	0	21.41	21.33	21.49	21.36	21.38		
20	64QAM	1	49	21.32	21.27	21.37	21.27	21.30	22.5	0.5
20	64QAM	1	99	21.19	21.24	21.30	21.20	21.20		
20	64QAM	50	0	20.27	20.27	20.40	20.30	20.31		
20	64QAM	50	24	20.23	20.24	20.32	20.22	20.29	21.5	1.5
20	64QAM	50	50	20.19	20.18	20.24	20.13	20.17		
20	64QAM	100	0	20.10	20.14	20.22	20.25	20.10		
20	256QAM	1	0	18.24	18.20	18.37	18.24	18.23		
20	256QAM	1	49	18.27	18.18	18.37	18.16	18.24	19.5	3.5
20	256QAM	1	99	18.10	18.08	18.23	18.15	18.16		
20	256QAM	50	0	18.19	18.14	18.34	18.19	18.19		
20	256QAM	50	24	18.19	18.14	18.24	18.10	18.14	19.5	3.5
20	256QAM	50	50	18.12	18.05	18.20	18.09	18.10		
20	256QAM	100	0	18.14	18.16	18.28	18.10	18.17		
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	21.94	21.99	22.06	22.04	21.87		
15	QPSK	1	37	21.70	21.97	21.98	21.85	21.78	23.00	0
15	QPSK	1	74	21.74	21.70	21.82	21.73	21.78		
15	QPSK	36	0	21.97	21.79	22.06	21.89	21.94		
15	QPSK	36	20	21.67	21.73	21.75	21.73	21.63	23	0
15	QPSK	36	39	21.74	21.74	21.73	21.68	21.78		
15	QPSK	75	0	21.83	21.65	21.84	21.72	21.81		
15	16QAM	1	0	21.74	21.74	21.88	21.75	21.82		
15	16QAM	1	37	21.62	21.83	21.78	21.77	21.59	23	0
15	16QAM	1	74	21.56	21.67	21.73	21.65	21.60		
15	16QAM	36	0	21.28	21.04	21.26	21.18	21.26		
15	16QAM	36	20	20.98	21.09	21.05	21.20	21.09	22.5	0.5
15	16QAM	36	39	20.88	21.03	21.01	21.05	20.92		
15	16QAM	75	0	21.17	21.17	21.20	21.04	21.13		
15	64QAM	1	0	21.32	21.20	21.35	21.31	21.33		
15	64QAM	1	37	21.27	21.18	21.22	21.17	21.22	22.5	0.5
15	64QAM	1	74	21.12	21.09	21.23	21.07	21.08		
15	64QAM	36	0	20.20	20.19	20.36	20.20	20.20		
15	64QAM	36	20	20.09	20.09	20.26	20.17	20.16	21.5	1.5
15	64QAM	36	39	20.10	20.15	20.18	19.98	20.12		
15	64QAM	75	0	19.99	20.05	20.08	20.12	20.00		
15	256QAM	1	0	18.15	18.14	18.29	18.13	18.19		
15	256QAM	1	37	18.20	18.10	18.33	18.02	18.12	19.5	3.5
15	256QAM	1	74	18.04	18.02	18.12	18.11	18.08		
15	256QAM	36	0	18.07	18.07	18.21	18.13	18.15		
15	256QAM	36	20	18.12	18.03	18.16	17.98	18.05	19.5	3.5
15	256QAM	36	39	18.08	17.93	18.11	18.02	18.01		
15	256QAM	75	0	18.10	18.11	18.16	18.03	18.06		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	21.91	22.06	22.12	22.01	21.89		
10	QPSK	1	25	21.73	21.90	21.92	21.78	21.72	23.00	0
10	QPSK	1	49	21.67	21.72	21.86	21.78	21.76		
10	QPSK	25	0	21.90	21.83	22.00	21.93	21.88		
10	QPSK	25	12	21.67	21.75	21.70	21.76	21.74	23	0
10	QPSK	25	25	21.74	21.76	21.73	21.57	21.78		
10	QPSK	50	0	21.84	21.68	21.96	21.65	21.89		
10	16QAM	1	0	21.74	21.69	21.91	21.71	21.77		
10	16QAM	1	25	21.56	21.62	21.69	21.68	21.52	23	0
10	16QAM	1	49	21.59	21.64	21.69	21.65	21.64		
10	16QAM	25	0	21.22	21.13	21.29	21.13	21.21		
10	16QAM	25	12	21.05	21.12	21.15	21.10	21.09	22.5	0.5
10	16QAM	25	25	20.89	21.05	21.13	21.06	20.90		
10	16QAM	50	0	21.25	21.07	21.28	21.13	21.15		
10	64QAM	1	0	21.32	21.23	21.40	21.32	21.29		
10	64QAM	1	25	21.23	21.13	21.33	21.14	21.19	22.5	0.5
10	64QAM	1	49	21.15	21.14	21.18	21.11	21.14		
10	64QAM	25	0	20.12	20.17	20.30	20.26	20.23		
10	64QAM	25	12	20.16	20.15	20.19	20.10	20.26	21.5	1.5
10	64QAM	25	25	20.10	20.14	20.18	20.10	20.03		
10	64QAM	50	0	20.00	20.01	20.18	20.12	20.06		
10	256QAM	1	0	18.15	18.06	18.33	18.21	18.20		
10	256QAM	1	25	18.16	18.08	18.29	18.07	18.12	19.5	3.5
10	256QAM	1	49	18.05	17.99	18.18	18.12	18.02		
10	256QAM	25	0	18.14	18.09	18.20	18.09	18.10		
10	256QAM	25	12	18.13	18.09	18.09	17.97	18.09	19.5	3.5
10	256QAM	25	25	18.09	18.01	18.10	17.97	17.95		
10	256QAM	50	0	18.08	18.10	18.17	17.99	18.12		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	21.94	22.06	22.06	21.98	21.92		
5	QPSK	1	12	21.77	22.01	21.91	21.79	21.73	23.00	0
5	QPSK	1	24	21.72	21.89	21.84	21.73	21.78		
5	QPSK	12	0	21.94	21.84	21.95	21.89	21.94		
5	QPSK	12	7	21.61	21.76	21.74	21.73	21.74	23	0
5	QPSK	12	13	21.72	21.76	21.79	21.66	21.86		
5	QPSK	25	0	21.81	21.62	21.88	21.61	21.85		
5	16QAM	1	0	21.79	21.72	21.86	21.74	21.81		
5	16QAM	1	12	21.59	21.70	21.74	21.76	21.56	23	0
5	16QAM	1	24	21.56	21.67	21.70	21.67	21.66		
5	16QAM	12	0	21.25	21.12	21.34	21.11	21.20		
5	16QAM	12	7	20.97	21.03	21.12	21.10	21.09	22.5	0.5
5	16QAM	12	13	20.89	20.95	21.02	21.08	20.91		
5	16QAM	25	0	21.18	21.10	21.22	21.08	21.19		
5	64QAM	1	0	21.35	21.27	21.36	21.28	21.27		
5	64QAM	1	12	21.28	21.13	21.25	21.19	21.16	22.5	0.5
5	64QAM	1	24	21.08	21.20	21.26	21.16	21.16		
5	64QAM	12	0	20.12	20.23	20.34	20.20	20.18		
5	64QAM	12	7	20.14	20.17	20.19	20.15	20.25	21.5	1.5
5	64QAM	12	13	20.08	20.04	20.10	20.07	20.04		
5	64QAM	25	0	19.99	19.99	20.16	20.20	20.02		
5	256QAM	1	0	18.13	18.13	18.31	18.11	18.10		
5	256QAM	1	12	18.24	18.07	18.25	18.02	18.21	19.5	3.5
5	256QAM	1	24	17.98	18.00	18.19	18.00	18.01		
5	256QAM	12	0	18.07	18.04	18.20	18.08	18.12		
5	256QAM	12	7	18.06	18.10	18.14	17.99	18.09	19.5	3.5
5	256QAM	12	13	18.01	17.96	18.06	18.03	17.98		
5	256QAM	25	0	18.00	18.06	18.14	18.06	18.09		

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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	2548.5	2593	2638.5	2680		
20	QPSK	1	0	23.54	23.56	23.69	23.50	23.44	24.6	0
20	QPSK	1	49	23.42	23.24	23.53	23.35	23.37		
20	QPSK	1	99	23.20	23.36	23.39	23.35	23.35		
20	QPSK	50	0	23.40	23.32	23.50	23.18	23.13		
20	QPSK	50	24	23.29	23.21	23.43	23.25	23.13		
20	QPSK	50	50	23.07	23.16	23.26	23.30	23.02		
20	QPSK	100	0	23.28	23.19	23.35	23.24	23.18		
20	16QAM	1	0	23.51	23.48	23.57	23.51	23.43	24.6	0
20	16QAM	1	49	23.29	23.34	23.51	23.45	23.27		
20	16QAM	1	99	23.33	23.31	23.42	23.49	23.21		
20	16QAM	50	0	23.28	23.18	23.34	23.25	23.07	24.6	0
20	16QAM	50	24	23.24	23.19	23.24	23.12	23.12		
20	16QAM	50	50	23.14	23.00	23.13	23.12	22.92		
20	16QAM	100	0	23.26	23.26	23.31	23.16	23.22		
20	64QAM	1	0	23.16	23.16	23.26	23.13	23.04	24.6	0
20	64QAM	1	49	23.04	23.10	23.06	23.12	22.92		
20	64QAM	1	99	23.13	23.09	23.14	23.00	22.98		
20	64QAM	50	0	23.26	23.22	23.38	23.20	23.14	24	0.6
20	64QAM	50	24	23.15	23.14	23.27	23.19	23.03		
20	64QAM	50	50	23.14	23.10	23.23	23.15	23.06		
20	64QAM	100	0	23.11	23.17	23.23	23.22	23.02		
20	256QAM	1	0	21.51	21.42	21.59	21.46	21.29	22	2.6
20	256QAM	1	49	21.54	21.40	21.59	21.45	21.30		
20	256QAM	1	99	21.24	21.37	21.38	21.38	21.28		
20	256QAM	50	0	21.36	21.31	21.43	21.35	21.24	22	2.6
20	256QAM	50	24	21.22	21.16	21.29	21.24	21.04		
20	256QAM	50	50	21.14	21.12	21.21	21.20	21.05		
20	256QAM	100	0	21.32	21.21	21.38	21.19	21.16		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	23.51	23.44	23.46	23.44	23.40	24.60	0
15	QPSK	1	37	23.29	23.20	23.55	23.23	23.33		
15	QPSK	1	74	23.14	23.24	23.29	23.29	23.25		
15	QPSK	36	0	23.26	23.26	23.43	23.05	23.01	24.6	0
15	QPSK	36	20	23.22	23.15	23.40	23.20	23.07		
15	QPSK	36	39	23.01	23.07	23.22	23.27	22.94		
15	QPSK	75	0	23.20	23.07	23.24	23.19	23.15		
15	16QAM	1	0	23.46	23.35	23.50	23.43	23.31	24.6	0
15	16QAM	1	37	23.24	23.23	23.38	23.39	23.19		
15	16QAM	1	74	23.29	23.20	23.33	23.42	23.11		
15	16QAM	36	0	23.24	23.05	23.25	23.21	22.99	24.6	0
15	16QAM	36	20	23.13	23.06	23.10	23.01	23.01		
15	16QAM	36	39	23.11	22.90	23.03	23.08	22.85		
15	16QAM	75	0	23.16	23.18	23.26	23.06	23.11		
15	64QAM	1	0	23.04	23.10	23.18	23.10	22.95	24.6	0
15	64QAM	1	37	22.96	23.00	22.99	23.06	22.81		
15	64QAM	1	74	23.01	23.05	23.08	22.96	22.89		
15	64QAM	36	0	23.19	23.18	23.35	23.05	23.05	24	0.6
15	64QAM	36	20	23.05	22.99	23.22	23.15	22.97		
15	64QAM	36	39	23.04	22.99	23.14	23.10	22.96		
15	64QAM	75	0	23.04	23.03	23.08	23.18	22.92		
15	256QAM	1	0	21.43	21.30	21.51	21.39	21.22	22	2.6
15	256QAM	1	37	21.42	21.27	21.46	21.36	21.19		
15	256QAM	1	74	21.20	21.26	21.32	21.23	21.20		
15	256QAM	36	0	21.24	21.17	21.34	21.25	21.11	22	2.6
15	256QAM	36	20	21.08	21.12	21.21	21.16	20.99		
15	256QAM	36	39	21.10	21.08	21.07	21.09	20.98		
15	256QAM	75	0	21.21	21.12	21.31	21.06	21.07		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	23.56	23.45	23.54	23.47	23.32	24.60	0
10	QPSK	1	25	23.35	23.14	23.53	23.27	23.24		
10	QPSK	1	49	23.09	23.33	23.28	23.29	23.24		
10	QPSK	25	0	23.36	23.30	23.37	23.07	23.05	24.6	0
10	QPSK	25	12	23.25	23.07	23.32	23.16	23.10		
10	QPSK	25	25	22.98	23.14	23.13	23.20	22.94		
10	QPSK	50	0	23.21	23.07	23.25	23.10	23.11		
10	16QAM	1	0	23.43	23.42	23.46	23.48	23.41	24.6	0
10	16QAM	1	25	23.22	23.22	23.46	23.43	23.23		
10	16QAM	1	49	23.19	23.22	23.33	23.40	23.15		
10	16QAM	25	0	23.18	23.12	23.26	23.14	22.99	24.6	0
10	16QAM	25	12	23.14	23.12	23.17	23.09	23.09		
10	16QAM	25	25	23.06	22.90	23.08	22.99	22.89		
10	16QAM	50	0	23.19	23.18	23.22	23.03	23.19		
10	64QAM	1	0	23.09	23.04	23.12	23.01	23.01	24.6	0
10	64QAM	1	25	23.00	23.01	23.02	23.01	22.88		
10	64QAM	1	49	23.01	22.95	23.00	22.95	22.92		
10	64QAM	25	0	23.21	23.08	23.28	23.15	23.03	24	0.6
10	64QAM	25	12	23.05	23.10	23.24	23.09	22.89		
10	64QAM	25	25	23.02	22.97	23.20	23.08	22.96		
10	64QAM	50	0	22.97	23.07	23.13	23.18	22.98		
10	256QAM	1	0	21.47	21.39	21.54	21.36	21.18	22	2.6
10	256QAM	1	25	21.51	21.26	21.47	21.39	21.25		
10	256QAM	1	49	21.14	21.30	21.35	21.30	21.22		
10	256QAM	25	0	21.28	21.21	21.36	21.32	21.20	22	2.6
10	256QAM	25	12	21.09	21.04	21.23	21.17	20.94		
10	256QAM	25	25	20.99	21.07	21.13	21.16	20.96		
10	256QAM	50	0	21.28	21.16	21.27	21.11	21.02		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	23.51	23.49	23.46	23.36	23.37	24.60	0
5	QPSK	1	12	23.36	23.21	23.51	23.26	23.33		
5	QPSK	1	24	23.15	23.33	23.30	23.25	23.30		
5	QPSK	12	0	23.35	23.27	23.40	23.08	23.06	24.6	0
5	QPSK	12	7	23.27	23.14	23.34	23.15	23.07		
5	QPSK	12	13	22.95	23.03	23.13	23.22	22.93		
5	QPSK	25	0	23.22	23.12	23.26	23.21	23.15		
5	16QAM	1	0	23.46	23.40	23.55	23.39	23.29	24.6	0
5	16QAM	1	12	23.16	23.22	23.46	23.35	23.15		
5	16QAM	1	24	23.21	23.25	23.39	23.39	23.08		
5	16QAM	12	0	23.18	23.11	23.21	23.11	23.01	24.6	0
5	16QAM	12	7	23.10	23.10	23.10	23.06	23.06		
5	16QAM	12	13	23.10	22.94	23.06	23.00	22.82		
5	16QAM	25	0	23.23	23.22	23.23	23.02	23.10		
5	64QAM	1	0	23.04	23.04	23.19	23.06	22.93	24.6	0
5	64QAM	1	12	22.91	23.05	22.92	23.04	22.83		
5	64QAM	1	24	23.03	22.97	23.00	22.92	22.88		
5	64QAM	12	0	23.18	23.14	23.27	23.07	23.06	24	0.6
5	64QAM	12	7	23.08	23.08	23.15	23.10	22.99		
5	64QAM	12	13	23.00	22.98	23.16	23.05	23.01		
5	64QAM	25	0	23.08	23.11	23.11	23.18	22.98		
5	256QAM	1	0	21.45	21.34	21.49	21.41	21.22	22	2.6
5	256QAM	1	12	21.48	21.25	21.46	21.37	21.17		
5	256QAM	1	24	21.19	21.30	21.32	21.28	21.22		
5	256QAM	12	0	21.28	21.25	21.33	21.22	21.19	22	2.6
5	256QAM	12	7	21.19	21.07	21.22	21.20	20.93		
5	256QAM	12	13	21.08	21.06	21.15	21.16	20.96		
5	256QAM	25	0	21.24	21.16	21.25	21.12	21.06		

Band 48 Default Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	21.28	21.44	21.37	21.32	23	0
20	QPSK	1	49	21.23	21.39	21.34	21.25		
20	QPSK	1	99	21.26	21.34	21.19	21.20		
20	QPSK	50	0	21.25	21.37	21.32	21.23		
20	QPSK	50	24	21.24	21.35	21.30	21.31		
20	QPSK	50	50	21.26	21.31	21.26	21.23		
20	QPSK	100	0	21.15	21.28	21.14	21.22		
20	16QAM	1	0	21.31	21.34	21.30	21.24	23	0
20	16QAM	1	49	21.23	21.30	21.20	21.23		
20	16QAM	1	99	21.16	21.29	21.15	21.20		
20	16QAM	50	0	21.16	21.26	21.18	21.15	22.5	0.5
20	16QAM	50	24	21.14	21.20	21.17	21.11		
20	16QAM	50	50	21.10	21.23	21.14	21.19		
20	16QAM	100	0	21.18	21.21	21.15	21.13		
20	64QAM	1	0	21.09	21.15	21.10	21.01	22.5	0.5
20	64QAM	1	49	20.99	21.07	20.96	21.04		
20	64QAM	1	99	21.08	21.13	20.99	21.09		
20	64QAM	50	0	19.96	20.09	20.04	19.98	21.5	1.5
20	64QAM	50	24	20.18	20.22	20.08	20.15		
20	64QAM	50	50	20.15	20.20	20.15	20.14		
20	64QAM	100	0	20.08	20.15	20.10	20.10		
20	256QAM	1	0	18.13	18.25	18.16	18.11	19	4
20	256QAM	1	49	18.14	18.23	18.11	18.13		
20	256QAM	1	99	18.16	18.20	18.16	18.10		
20	256QAM	50	0	18.01	18.15	18.04	18.02	19	4
20	256QAM	50	24	18.14	18.17	18.02	18.05		
20	256QAM	50	50	18.02	18.14	17.99	18.08		
20	256QAM	100	0	18.09	18.11	18.06	17.98		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	21.15	21.40	21.29	21.27	23	0
15	QPSK	1	37	21.14	21.29	21.28	21.10		
15	QPSK	1	74	21.20	21.20	21.06	21.13		
15	QPSK	36	0	21.17	21.24	21.18	21.18	23	0
15	QPSK	36	20	21.09	21.22	21.25	21.23		
15	QPSK	36	39	21.13	21.26	21.19	21.13		
15	QPSK	75	0	21.06	21.18	21.11	21.14		
15	16QAM	1	0	21.18	21.22	21.22	21.14	23	0
15	16QAM	1	37	21.13	21.17	21.16	21.11		
15	16QAM	1	74	21.10	21.16	21.07	21.09		
15	16QAM	36	0	21.06	21.18	21.14	21.09	22.5	0.5
15	16QAM	36	20	21.04	21.07	21.03	20.99		
15	16QAM	36	39	21.05	21.19	21.10	21.15		
15	16QAM	75	0	21.10	21.10	21.11	21.02		
15	64QAM	1	0	20.95	21.04	21.04	20.93	22.5	0.5
15	64QAM	1	37	20.89	20.93	20.88	20.98		
15	64QAM	1	74	20.95	21.02	20.91	21.03		
15	64QAM	36	0	19.93	20.05	19.99	19.85	21.5	1.5
15	64QAM	36	20	20.06	20.07	20.04	20.07		
15	64QAM	36	39	20.04	20.15	20.11	20.05		
15	64QAM	75	0	20.00	20.08	19.97	20.04		
15	256QAM	1	0	18.04	18.17	18.07	18.00	19	4
15	256QAM	1	37	18.03	18.14	18.00	18.10		
15	256QAM	1	74	18.12	18.08	18.13	17.99		
15	256QAM	36	0	17.91	18.03	17.94	17.95	19	4
15	256QAM	36	20	18.10	18.07	17.90	17.95		
15	256QAM	36	39	17.99	18.04	17.94	18.04		
15	256QAM	75	0	18.02	18.02	17.94	17.92		
Channel				55290	55815	56155	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	21.23	21.37	21.33	21.21	23	0
10	QPSK	1	25	21.13	21.35	21.28	21.11		
10	QPSK	1	49	21.12	21.22	21.10	21.13		
10	QPSK	25	0	21.19	21.32	21.18	21.12	23	0
10	QPSK	25	12	21.18	21.23	21.18	21.20		
10	QPSK	25	25	21.12	21.22	21.20	21.11		
10	QPSK	50	0	21.06	21.22	21.03	21.18		
10	16QAM	1	0	21.28	21.28	21.19	21.13	23	0
10	16QAM	1	25	21.10	21.25	21.13	21.16		
10	16QAM	1	49	21.02	21.20	21.09	21.10		
10	16QAM	25	0	21.12	21.21	21.04	21.10	22.5	0.5
10	16QAM	25	12	21.02	21.16	21.05	21.07		
10	16QAM	25	25	20.96	21.12	21.05	21.14		
10	16QAM	50	0	21.14	21.08	21.11	21.05		
10	64QAM	1	0	21.03	21.06	20.98	20.97	22.5	0.5
10	64QAM	1	25	20.96	21.04	20.84	21.01		
10	64QAM	1	49	21.03	20.98	20.92	20.98		
10	64QAM	25	0	19.92	19.95	19.91	19.94	21.5	1.5
10	64QAM	25	12	20.11	20.10	19.93	20.03		
10	64QAM	25	25	20.07	20.11	20.08	20.03		
10	64QAM	50	0	19.94	20.02	20.05	20.06		
10	256QAM	1	0	18.03	18.15	18.12	18.07	19	4
10	256QAM	1	25	18.10	18.14	18.07	18.00		
10	256QAM	1	49	18.03	18.12	18.12	17.98		
10	256QAM	25	0	17.95	18.10	17.90	17.94	19	4
10	256QAM	25	12	18.02	18.06	17.99	17.91		
10	256QAM	25	25	17.94	18.08	17.90	18.00		
10	256QAM	50	0	18.03	18.07	17.98	17.92		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3553.5	3607	3643	3697.5		
5	QPSK	1	0	21.15	21.31	21.28	21.19	23	0
5	QPSK	1	12	21.14	21.35	21.28	21.19		
5	QPSK	1	24	21.11	21.31	21.15	21.10		
5	QPSK	12	0	21.15	21.29	21.19	21.10	23	0
5	QPSK	12	7	21.20	21.25	21.22	21.19		
5	QPSK	12	13	21.14	21.19	21.18	21.11		
5	QPSK	25	0	21.11	21.19	21.09	21.16		
5	16QAM	1	0	21.23	21.27	21.18	21.11	23	0
5	16QAM	1	12	21.16	21.18	21.08	21.19		
5	16QAM	1	24	21.10	21.16	21.02	21.11		
5	16QAM	12	0	21.05	21.15	21.05	21.12	22.5	0.5
5	16QAM	12	7	21.09	21.11	21.10	21.06		
5	16QAM	12	13	21.01	21.15	21.03	21.08		
5	16QAM	25	0	21.08	21.07	21.03	21.07		
5	64QAM	1	0	21.03	21.07	20.95	20.93	22.5	0.5
5	64QAM	1	12	20.91	20.99	20.87	20.90		
5	64QAM	1	24	21.04	20.99	20.85	20.97		
5	64QAM	12	0	19.83	19.97	19.97	19.85	21.5	1.5
5	64QAM	12	7	20.15	20.17	19.99	20.06		
5	64QAM	12	13	20.11	20.14	20.03	20.00		
5	64QAM	25	0	20.04	20.11	20.03	19.99		
5	256QAM	1	0	18.01	18.16	18.13	18.04	19	4
5	256QAM	1	12	18.10	18.17	18.00	18.00		
5	256QAM	1	24	18.04	18.10	18.02	18.06		
5	256QAM	12	0	17.93	18.01	17.99	17.97	19	4
5	256QAM	12	7	18.06	18.03	17.90	17.95		
5	256QAM	12	13	17.94	18.05	17.92	17.95		
5	256QAM	25	0	18.00	18.06	18.01	17.84		

	GSM850 Ant1	Default							
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		31.42	31.48	31.36	32.50	22.42	22.48	22.36	23.50
GPRS 1 Tx slot		31.39	31.45	31.33	32.50	22.39	22.45	22.33	23.50
GPRS 2 Tx slots		28.27	28.39	28.32	29.50	22.27	22.39	22.32	23.50
GPRS 3 Tx slots		26.80	26.91	26.80	28.00	22.54	22.65	22.54	23.74
GPRS 4 Tx slots		25.16	25.22	25.17	26.00	22.16	22.22	22.17	23.00
EDGE 1 Tx slot		24.03	24.17	24.05	25.00	15.03	15.17	15.05	16.00
EDGE 2 Tx slots		22.29	22.41	22.34	23.50	16.29	16.41	16.34	17.50
EDGE 3 Tx slots		21.15	21.23	21.08	22.00	16.89	16.97	16.82	17.74
EDGE 4 Tx slots		18.99	19.08	18.93	20.00	15.99	16.08	15.93	17.00

	GSM1900 Ant1	Default							
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		27.66	27.74	27.63	28.50	18.66	18.74	18.63	19.50
GPRS 1 Tx slot		27.52	27.67	27.57	28.50	18.52	18.67	18.57	19.50
GPRS 2 Tx slots		25.06	25.09	24.98	26.00	19.06	19.09	18.98	20.00
GPRS 3 Tx slots		23.36	23.42	23.32	24.50	19.10	19.16	19.06	20.24
GPRS 4 Tx slots		20.62	20.74	20.63	21.50	17.62	17.74	17.63	18.50
EDGE 1 Tx slot		22.78	22.86	22.72	23.50	13.78	13.86	13.72	14.50
EDGE 2 Tx slots		21.13	21.22	21.13	22.00	15.13	15.22	15.13	16.00
EDGE 3 Tx slots		19.86	19.96	19.86	21.00	15.60	15.70	15.60	16.74
EDGE 4 Tx slots		17.91	18.05	17.97	19.00	14.91	15.05	14.97	16.00

		Default WCDMA II Ant1				Default WCDMA IV Ant1				Default WCDMA V Ant1			
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	21.45	21.53	21.44	22.50	21.42	21.44	21.31	22.40	21.14	21.17	21.04	23.00
3GPP Rel 99	RMC 12.2Kbps	21.48	21.57	21.51	22.50	21.45	21.49	21.37	22.40	21.17	21.23	21.09	23.00
3GPP Rel 6	HSDPA Subtest-1	20.55	20.64	20.47	21.50	20.46	20.57	20.32	21.40	20.23	20.23	20.02	22.00
3GPP Rel 6	HSDPA Subtest-2	20.48	20.57	20.52	21.50	20.42	20.50	20.41	21.40	20.12	20.22	20.17	22.00
3GPP Rel 6	HSDPA Subtest-3	20.02	20.14	20.10	21.00	19.91	20.02	19.95	20.90	19.57	19.70	19.69	21.50
3GPP Rel 6	HSDPA Subtest-4	19.95	20.18	20.08	21.00	19.87	20.11	19.94	20.90	19.56	19.79	19.61	21.50
3GPP Rel 8	DC-HSDPA Subtest-1	20.50	20.70	20.45	21.50	20.46	20.63	20.35	21.40	20.21	20.32	20.01	22.00
3GPP Rel 8	DC-HSDPA Subtest-2	20.37	20.42	20.36	21.50	20.33	20.29	20.28	21.40	20.08	20.06	19.94	22.00
3GPP Rel 8	DC-HSDPA Subtest-3	19.99	19.96	19.92	21.00	19.94	19.84	19.88	20.90	19.69	19.58	19.65	21.50
3GPP Rel 8	DC-HSDPA Subtest-4	19.87	19.94	19.99	21.00	19.82	19.80	19.93	20.90	19.49	19.47	19.64	21.50
3GPP Rel 6	HSUPA Subtest-1	20.56	20.61	20.66	21.50	20.43	20.56	20.56	21.40	20.15	20.22	20.28	22.00
3GPP Rel 6	HSUPA Subtest-2	18.53	18.67	18.52	19.50	18.42	18.53	18.39	19.40	18.09	18.19	18.13	20.00
3GPP Rel 6	HSUPA Subtest-3	19.53	19.62	19.58	20.50	19.43	19.53	19.47	20.40	19.19	19.20	19.15	21.00
3GPP Rel 6	HSUPA Subtest-4	18.45	18.48	18.44	19.50	18.37	18.45	18.35	19.40	18.04	18.14	18.03	20.00
3GPP Rel 6	HSUPA Subtest-5	20.59	20.49	20.39	21.50	20.55	20.36	20.33	21.40	20.21	20.03	20.08	22.00

Band 2 Default Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	20.90	21.09	20.98	22	0
20	QPSK	1	49	20.75	21.04	20.88		
20	QPSK	1	99	20.80	20.88	20.76		
20	QPSK	50	0	20.99	21.04	20.89		
20	QPSK	50	24	20.87	20.99	20.90	22	0
20	QPSK	50	50	20.88	20.92	20.80		
20	QPSK	100	0	20.90	20.96	20.87		
20	16QAM	1	0	20.80	20.93	20.79		
20	16QAM	1	49	20.77	20.83	20.83	22	0
20	16QAM	1	99	20.69	20.73	20.77		
20	16QAM	50	0	20.82	20.88	20.76		
20	16QAM	50	24	20.72	20.85	20.69	21.5	0.5
20	16QAM	50	50	20.72	20.79	20.66		
20	16QAM	100	0	20.76	20.85	20.77		
20	64QAM	1	0	20.71	20.80	20.71		
20	64QAM	1	49	20.67	20.76	20.72	21.5	0.5
20	64QAM	1	99	20.56	20.71	20.61		
20	64QAM	50	0	19.80	19.88	19.76		
20	64QAM	50	24	19.77	19.73	19.69	20.5	1.5
20	64QAM	50	50	19.71	19.72	19.69		
20	64QAM	100	0	19.86	19.83	19.80		
20	256QAM	1	0	17.86	17.99	17.89		
20	256QAM	1	49	17.87	17.99	17.89	18.5	3.5
20	256QAM	1	99	17.82	17.86	17.81		
20	256QAM	50	0	17.88	17.94	17.88		
20	256QAM	50	24	17.73	17.83	17.80	18.5	3.5
20	256QAM	50	50	17.75	17.81	17.69		
20	256QAM	100	0	17.81	17.87	17.74		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	20.86	21.02	20.89	22	0
15	QPSK	1	37	20.75	20.99	20.80		
15	QPSK	1	74	20.73	21.00	20.86		
15	QPSK	36	0	20.93	21.03	20.87		
15	QPSK	36	20	20.78	20.91	20.88		
15	QPSK	36	39	20.90	20.83	20.73		
15	QPSK	75	0	20.82	20.95	20.77		
15	16QAM	1	0	20.75	20.91	20.81		
15	16QAM	1	37	20.76	20.73	20.84	22	0
15	16QAM	1	74	20.66	20.74	20.71		
15	16QAM	36	0	20.72	20.81	20.67		
15	16QAM	36	20	20.64	20.84	20.69	21.5	0.5
15	16QAM	36	39	20.66	20.80	20.57		
15	16QAM	75	0	20.73	20.83	20.75		
15	64QAM	1	0	20.70	20.72	20.67		
15	64QAM	1	37	20.66	20.76	20.74	21.5	0.5
15	64QAM	1	74	20.49	20.69	20.55		
15	64QAM	36	0	19.72	19.86	19.74		
15	64QAM	36	20	19.76	19.71	19.66	20.5	1.5
15	64QAM	36	39	19.71	19.63	19.61		
15	64QAM	75	0	19.86	19.82	19.78		
15	256QAM	1	0	17.80	17.90	17.86		
15	256QAM	1	37	17.84	17.89	17.78	18.5	3.5
15	256QAM	1	74	17.76	17.85	17.72		
15	256QAM	36	0	17.86	17.93	17.81		
15	256QAM	36	20	17.73	17.82	17.78	18.5	3.5
15	256QAM	36	39	17.66	17.74	17.65		
15	256QAM	75	0	17.73	17.89	17.68		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	20.89	21.05	20.91	22	0
10	QPSK	1	25	20.70	20.95	20.82		
10	QPSK	1	49	20.71	20.94	20.92		
10	QPSK	25	0	20.94	20.94	20.87		
10	QPSK	25	12	20.84	20.95	20.94	22	0
10	QPSK	25	25	20.84	20.93	20.82		
10	QPSK	50	0	20.80	20.86	20.82		
10	16QAM	1	0	20.79	20.95	20.74		
10	16QAM	1	25	20.78	20.74	20.85	22	0
10	16QAM	1	49	20.62	20.73	20.73		
10	16QAM	25	0	20.83	20.89	20.70		
10	16QAM	25	12	20.72	20.84	20.66	21.5	0.5
10	16QAM	25	25	20.68	20.80	20.64		
10	16QAM	50	0	20.73	20.87	20.77		
10	64QAM	1	0	20.64	20.75	20.71		
10	64QAM	1	25	20.64	20.76	20.64	21.5	0.5
10	64QAM	1	49	20.49	20.69	20.55		
10	64QAM	25	0	19.75	19.87	19.67		
10	64QAM	25	12	19.75	19.65	19.71	20.5	1.5
10	64QAM	25	25	19.67	19.67	19.67		
10	64QAM	50	0	19.79	19.77	19.82		
10	256QAM	1	0	17.81	17.92	17.86		
10	256QAM	1	25	17.81	17.92	17.85	18.5	3.5
10	256QAM	1	49	17.73	17.79	17.76		
10	256QAM	25	0	17.82	17.85	17.80		
10	256QAM	25	12	17.69	17.78	17.75	18.5	3.5
10	256QAM	25	25	17.75	17.78	17.70		
10	256QAM	50	0	17.82	17.78	17.68		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	20.81	21.06	20.88	22	0
5	QPSK	1	12	20.65	20.99	20.82		
5	QPSK	1	24	20.72	21.01	20.90		
5	QPSK	12	0	20.90	21.01	20.81		
5	QPSK	12	7	20.87	20.95	20.86	22	0
5	QPSK	12	13	20.86	20.84	20.73		
5	QPSK	25	0	20.87	20.94	20.79		
5	16QAM	1	0	20.78	20.90	20.76	22	0
5	16QAM	1	12	20.73	20.74	20.72		
5	16QAM	1	24	20.62	20.67	20.71		
5	16QAM	12	0	20.83	20.83	20.78	21.5	0.5
5	16QAM	12	7	20.71	20.79	20.64		
5	16QAM	12	13	20.71	20.76	20.62		
5	16QAM	25	0	20.73	20.78	20.74		
5	64QAM	1	0	20.65	20.77	20.62		
5	64QAM	1	12	20.69	20.66	20.73	21.5	0.5
5	64QAM	1	24	20.48	20.68	20.53		
5	64QAM	12	0	19.71	19.82	19.66		
5	64QAM	12	7	19.73	19.65	19.68	20.5	1.5
5	64QAM	12	13	19.73	19.72	19.60		
5	64QAM	25	0	19.80	19.79	19.79		
5	256QAM	1	0	17.76	17.97	17.81		
5	256QAM	1	12	17.79	17.96	17.85	18.5	3.5
5	256QAM	1	24	17.78	17.78	17.81		
5	256QAM	12	0	17.78	17.89	17.80		
5	256QAM	12	7	17.66	17.84	17.81	18.5	3.5
5	256QAM	12	13	17.73	17.76	17.59		
5	256QAM	25	0	17.78	17.84	17.73		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	20.91	21.00	20.91	22	0
3	QPSK	1	8	20.76	20.94	20.81		
3	QPSK	1	14	20.70	20.93	20.83		
3	QPSK	8	0	20.97	20.99	20.84		
3	QPSK	8	4	20.82	21.00	20.88	22	0
3	QPSK	8	7	20.90	20.87	20.76		
3	QPSK	15	0	20.84	20.86	20.86		
3	16QAM	1	0	20.82	20.94	20.71		
3	16QAM	1	8	20.72	20.75	20.77	22	0
3	16QAM	1	14	20.65	20.68	20.77		
3	16QAM	8	0	20.74	20.88	20.76		
3	16QAM	8	4	20.72	20.79	20.64	21.5	0.5
3	16QAM	8	7	20.66	20.81	20.60		
3	16QAM	15	0	20.78	20.80	20.70		
3	64QAM	1	0	20.71	20.74	20.63		
3	64QAM	1	8	20.61	20.74	20.65	21.5	0.5
3	64QAM	1	14	20.46	20.71	20.56		
3	64QAM	8	0	19.79	19.79	19.71		
3	64QAM	8	4	19.71	19.64	19.69	20.5	1.5
3	64QAM	8	7	19.61	19.63	19.67		
3	64QAM	15	0	19.79	19.73	19.77		
3	256QAM	1	0	17.84	17.94	17.88		
3	256QAM	1	8	17.88	17.94	17.87	18.5	3.5
3	256QAM	1	14	17.81	17.82	17.75		
3	256QAM	8	0	17.88	17.92	17.79		
3	256QAM	8	4	17.65	17.84	17.78	18.5	3.5
3	256QAM	8	7	17.70	17.81	17.71		
3	256QAM	15	0	17.80	17.78	17.75		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	20.81	21.07	20.93	22	0
1.4	QPSK	1	3	20.66	20.93	20.79		
1.4	QPSK	1	5	20.76	20.96	20.83		
1.4	QPSK	3	0	20.95	21.00	20.80		
1.4	QPSK	3	1	20.77	20.88	20.78		
1.4	QPSK	3	3	20.84	20.89	20.72		
1.4	QPSK	6	0	20.86	20.91	20.83	22	0
1.4	16QAM	1	0	20.73	20.81	20.76	22	0
1.4	16QAM	1	3	20.73	20.71	20.75		
1.4	16QAM	1	5	20.68	20.66	20.65		
1.4	16QAM	3	0	20.71	20.80	20.69		
1.4	16QAM	3	1	20.68	20.79	20.77		
1.4	16QAM	3	3	20.64	20.66	20.73		
1.4	16QAM	6	0	20.70	20.77	20.74	21.5	0.5
1.4	64QAM	1	0	20.60	20.76	20.64	21.5	0.5
1.4	64QAM	1	3	20.60	20.77	20.58		
1.4	64QAM	1	5	20.63	20.80	20.73		
1.4	64QAM	3	0	20.67	20.77	20.65		
1.4	64QAM	3	1	20.64	20.67	20.64		
1.4	64QAM	3	3	20.50	20.64	20.51		
1.4	64QAM	6	0	19.76	19.84	19.68	20.5	1.5
1.4	256QAM	1	0	17.76	17.92	17.76	18.5	3.5
1.4	256QAM	1	3	17.76	17.95	17.77		
1.4	256QAM	1	5	17.69	17.74	17.80		
1.4	256QAM	3	0	17.76	17.90	17.83		
1.4	256QAM	3	1	17.67	17.78	17.71		
1.4	256QAM	3	3	17.65	17.74	17.62		
1.4	256QAM	6	0	17.75	17.75	17.64	18.5	3.5

Band 4 Default Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	20.93	21.08	20.89	22	0
20	QPSK	1	49	20.80	20.94	20.80		
20	QPSK	1	99	20.77	20.80	20.78		
20	QPSK	50	0	20.75	20.91	20.83		
20	QPSK	50	24	20.72	20.81	20.79	22	0
20	QPSK	50	50	20.74	20.78	20.77		
20	QPSK	100	0	20.78	20.85	20.83		
20	16QAM	1	0	20.87	20.92	20.80		
20	16QAM	1	49	20.78	20.85	20.75	22	0
20	16QAM	1	99	20.67	20.83	20.68		
20	16QAM	50	0	20.74	20.80	20.66		
20	16QAM	50	24	20.68	20.74	20.66	21.5	0.5
20	16QAM	50	50	20.62	20.70	20.62		
20	16QAM	100	0	20.63	20.78	20.69		
20	64QAM	1	0	20.78	20.85	20.75		
20	64QAM	1	49	20.74	20.80	20.74	21.5	0.5
20	64QAM	1	99	20.59	20.70	20.72		
20	64QAM	50	0	19.74	19.90	19.79		
20	64QAM	50	24	19.70	19.83	19.71	20.5	1.5
20	64QAM	50	50	19.64	19.78	19.66		
20	64QAM	100	0	19.68	19.74	19.75		
20	256QAM	1	0	17.99	18.06	18.01		
20	256QAM	1	49	17.92	18.06	17.88	18.5	3.5
20	256QAM	1	99	17.89	17.94	17.86		
20	256QAM	50	0	17.65	17.82	17.71		
20	256QAM	50	24	17.66	17.77	17.71	18.5	3.5
20	256QAM	50	50	17.57	17.72	17.68		
20	256QAM	100	0	17.65	17.77	17.70		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	20.86	21.02	20.78	22	0
15	QPSK	1	37	20.70	20.88	20.75		
15	QPSK	1	74	20.66	20.86	20.73		
15	QPSK	36	0	20.63	20.85	20.74		
15	QPSK	36	20	20.62	20.76	20.67	22	0
15	QPSK	36	39	20.60	20.67	20.60		
15	QPSK	75	0	20.69	20.75	20.76		
15	16QAM	1	0	20.80	20.78	20.76		
15	16QAM	1	37	20.67	20.78	20.62	22	0
15	16QAM	1	74	20.62	20.73	20.58		
15	16QAM	36	0	20.67	20.75	20.56		
15	16QAM	36	20	20.58	20.69	20.63	21.5	0.5
15	16QAM	36	39	20.50	20.64	20.50		
15	16QAM	75	0	20.66	20.69	20.59		
15	64QAM	1	0	20.68	20.76	20.63		
15	64QAM	1	37	20.66	20.69	20.68	21.5	0.5
15	64QAM	1	74	20.48	20.62	20.64		
15	64QAM	36	0	19.70	19.76	19.74		
15	64QAM	36	20	19.63	19.70	19.56	20.5	1.5
15	64QAM	36	39	19.55	19.66	19.51		
15	64QAM	75	0	19.65	19.67	19.63		
15	256QAM	1	0	17.86	17.92	17.89		
15	256QAM	1	37	17.78	18.01	17.84	18.5	3.5
15	256QAM	1	74	17.78	17.81	17.73		
15	256QAM	36	0	17.57	17.74	17.59		
15	256QAM	36	20	17.62	17.65	17.65	18.5	3.5
15	256QAM	36	39	17.42	17.60	17.54		
15	256QAM	75	0	17.56	17.64	17.58		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	20.85	20.96	20.70	22	0
10	QPSK	1	25	20.75	20.84	20.74		
10	QPSK	1	49	20.66	20.77	20.68		
10	QPSK	25	0	20.66	20.83	20.73		
10	QPSK	25	12	20.64	20.69	20.72	22	0
10	QPSK	25	25	20.64	20.71	20.67		
10	QPSK	50	0	20.69	20.81	20.76		
10	16QAM	1	0	20.77	20.85	20.68		
10	16QAM	1	25	20.71	20.71	20.71	22	0
10	16QAM	1	49	20.59	20.73	20.56		
10	16QAM	25	0	20.62	20.67	20.57		
10	16QAM	25	12	20.59	20.60	20.52	21.5	0.5
10	16QAM	25	25	20.58	20.64	20.48		
10	16QAM	50	0	20.69	20.68	20.59		
10	64QAM	1	0	20.66	20.71	20.67		
10	64QAM	1	25	20.70	20.71	20.63	21.5	0.5
10	64QAM	1	49	20.55	20.62	20.61		
10	64QAM	25	0	19.63	19.76	19.72		
10	64QAM	25	12	19.58	19.69	19.64	20.5	1.5
10	64QAM	25	25	19.58	19.69	19.60		
10	64QAM	50	0	19.56	19.67	19.62		
10	256QAM	1	0	17.90	17.97	17.89		
10	256QAM	1	25	17.83	17.95	17.82	18.5	3.5
10	256QAM	1	49	17.83	17.82	17.75		
10	256QAM	25	0	17.54	17.70	17.60		
10	256QAM	25	12	17.52	17.63	17.61	18.5	3.5
10	256QAM	25	25	17.51	17.67	17.64		
10	256QAM	50	0	17.52	17.68	17.55		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	20.80	20.94	20.78	22	0
5	QPSK	1	12	20.73	20.90	20.68		
5	QPSK	1	24	20.68	20.87	20.70		
5	QPSK	12	0	20.70	20.84	20.69		
5	QPSK	12	7	20.65	20.76	20.67	22	0
5	QPSK	12	13	20.67	20.71	20.72		
5	QPSK	25	0	20.66	20.73	20.79		
5	16QAM	1	0	20.74	20.87	20.76		
5	16QAM	1	12	20.74	20.73	20.68	22	0
5	16QAM	1	24	20.57	20.75	20.63		
5	16QAM	12	0	20.67	20.66	20.60		
5	16QAM	12	7	20.59	20.68	20.55	21.5	0.5
5	16QAM	12	13	20.60	20.66	20.55		
5	16QAM	25	0	20.55	20.63	20.55		
5	64QAM	1	0	20.75	20.75	20.60		
5	64QAM	1	12	20.65	20.73	20.64	21.5	0.5
5	64QAM	1	24	20.51	20.68	20.60		
5	64QAM	12	0	19.67	19.79	19.66		
5	64QAM	12	7	19.55	19.71	19.57	20.5	1.5
5	64QAM	12	13	19.56	19.70	19.56		
5	64QAM	25	0	19.63	19.60	19.68		
5	256QAM	1	0	17.94	18.00	17.89		
5	256QAM	1	12	17.86	17.98	17.85	18.5	3.5
5	256QAM	1	24	17.78	17.91	17.74		
5	256QAM	12	0	17.61	17.78	17.63		
5	256QAM	12	7	17.55	17.70	17.65	18.5	3.5
5	256QAM	12	13	17.47	17.64	17.64		
5	256QAM	25	0	17.57	17.69	17.65		
Channel				19950	20175	20400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	20.79	21.04	20.79	22	0
3	QPSK	1	8	20.69	20.80	20.71		
3	QPSK	1	14	20.72	20.81	20.71		
3	QPSK	8	0	20.64	20.88	20.77		
3	QPSK	8	4	20.68	20.76	20.64	22	0
3	QPSK	8	7	20.61	20.64	20.71		
3	QPSK	15	0	20.73	20.73	20.69		
3	16QAM	1	0	20.73	20.81	20.70		
3	16QAM	1	8	20.64	20.72	20.66	22	0
3	16QAM	1	14	20.53	20.73	20.54		
3	16QAM	8	0	20.61	20.71	20.62		
3	16QAM	8	4	20.59	20.69	20.58	21.5	0.5
3	16QAM	8	7	20.47	20.63	20.48		
3	16QAM	15	0	20.52	20.72	20.61		
3	64QAM	1	0	20.75	20.70	20.64		
3	64QAM	1	8	20.64	20.76	20.62	21.5	0.5
3	64QAM	1	14	20.55	20.57	20.62		
3	64QAM	8	0	19.59	19.79	19.67		
3	64QAM	8	4	19.58	19.68	19.59	20.5	1.5
3	64QAM	8	7	19.59	19.71	19.57		
3	64QAM	15	0	19.55	19.61	19.71		
3	256QAM	1	0	17.88	18.00	17.86		
3	256QAM	1	8	17.89	18.02	17.78	18.5	3.5
3	256QAM	1	14	17.75	17.87	17.83		
3	256QAM	8	0	17.51	17.71	17.56		
3	256QAM	8	4	17.55	17.62	17.62	18.5	3.5
3	256QAM	8	7	17.48	17.60	17.57		
3	256QAM	15	0	17.55	17.71	17.63		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	20.80	20.99	20.81	22	0
1.4	QPSK	1	3	20.69	20.86	20.69		
1.4	QPSK	1	5	20.68	20.79	20.74		
1.4	QPSK	3	0	20.67	20.78	20.78		
1.4	QPSK	3	1	20.66	20.70	20.69		
1.4	QPSK	3	3	20.70	20.69	20.74		
1.4	QPSK	6	0	20.71	20.77	20.76	22	0
1.4	16QAM	1	0	20.78	20.79	20.72	22	0
1.4	16QAM	1	3	20.74	20.81	20.64		
1.4	16QAM	1	5	20.61	20.87	20.74		
1.4	16QAM	3	0	20.61	20.78	20.73		
1.4	16QAM	3	1	20.69	20.67	20.74		
1.4	16QAM	3	3	20.72	20.73	20.74		
1.4	16QAM	6	0	20.62	20.74	20.57	21.5	0.5
1.4	64QAM	1	0	20.55	20.60	20.58	21.5	0.5
1.4	64QAM	1	3	20.47	20.63	20.57		
1.4	64QAM	1	5	20.59	20.73	20.61		
1.4	64QAM	3	0	20.71	20.74	20.70		
1.4	64QAM	3	1	20.68	20.65	20.66		
1.4	64QAM	3	3	20.46	20.62	20.61		
1.4	64QAM	6	0	19.69	19.86	19.74	20.5	1.5
1.4	256QAM	1	0	17.87	17.95	17.96	18.5	3.5
1.4	256QAM	1	3	17.86	17.94	17.75		
1.4	256QAM	1	5	17.76	17.90	17.71		
1.4	256QAM	3	0	17.53	17.72	17.58		
1.4	256QAM	3	1	17.53	17.68	17.65		
1.4	256QAM	3	3	17.45	17.67	17.62		
1.4	256QAM	6	0	17.57	17.74	17.60	18.5	3.5

Band 5 Default Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	21.22	21.31	21.26	22	0
10	QPSK	1	25	21.16	21.28	21.20		
10	QPSK	1	49	21.08	21.16	21.12		
10	QPSK	25	0	21.13	21.25	21.19		
10	QPSK	25	12	21.12	21.16	21.11	22	0
10	QPSK	25	25	20.99	21.09	21.03		
10	QPSK	50	0	21.03	21.18	21.11		
10	16QAM	1	0	21.05	21.16	21.06		
10	16QAM	1	25	21.04	21.03

Band 12 Default Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	21.61	21.73	21.68	23	0
10	QPSK	1	25	21.43	21.61	21.52		
10	QPSK	1	49	21.47	21.49	21.52		
10	QPSK	25	0	21.60	21.70	21.55	23	0
10	QPSK	25	12	21.55	21.63	21.53		
10	QPSK	25	25	21.46	21.48	21.46		
10	QPSK	50	0	21.51	21.57	21.45		
10	16QAM	1	0	21.55	21.63	21.51	23	0
10	16QAM	1	25	21.40	21.48	21.36		
10	16QAM	1	49	21.35	21.48	21.44		
10	16QAM	25	0	21.39	21.59	21.49	22.5	0.5
10	16QAM	25	12	21.34	21.46	21.40		
10	16QAM	25	25	21.38	21.39	21.41		
10	16QAM	50	0	21.33	21.54	21.40		
10	64QAM	1	0	21.34	21.50	21.36	22.5	0.5
10	64QAM	1	25	21.26	21.32	21.33		
10	64QAM	1	49	21.24	21.36	21.28	21.5	1.5
10	64QAM	25	0	20.40	20.53	20.43		
10	64QAM	25	12	20.37	20.43	20.31		
10	64QAM	25	25	20.28	20.34	20.33		
10	64QAM	50	0	20.25	20.37	20.31		
10	256QAM	1	0	18.44	18.62	18.48	19.5	3.5
10	256QAM	1	25	18.42	18.62	18.49		
10	256QAM	1	49	18.41	18.37	18.33		
10	256QAM	25	0	18.35	18.53	18.42	19.5	3.5
10	256QAM	25	12	18.26	18.37	18.36		
10	256QAM	25	25	18.24	18.32	18.32		
10	256QAM	50	0	18.33	18.45	18.30		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	21.56	21.63	21.54	23	0
5	QPSK	1	12	21.37	21.56	21.43		
5	QPSK	1	24	21.33	21.44	21.40		
5	QPSK	12	0	21.51	21.58	21.44	23	0
5	QPSK	12	7	21.49	21.58	21.39		
5	QPSK	12	13	21.34	21.39	21.41		
5	QPSK	25	0	21.40	21.46	21.33		
5	16QAM	1	0	21.48	21.51	21.40	23	0
5	16QAM	1	12	21.30	21.37	21.23		
5	16QAM	1	24	21.22	21.37	21.31		
5	16QAM	12	0	21.31	21.46	21.41	22.5	0.5
5	16QAM	12	7	21.23	21.39	21.27		
5	16QAM	12	13	21.27	21.32	21.38		
5	16QAM	25	0	21.26	21.43	21.34		
5	64QAM	1	0	21.20	21.36	21.22	22.5	0.5
5	64QAM	1	12	21.12	21.17	21.27		
5	64QAM	1	24	21.13	21.26	21.20	21.5	1.5
5	64QAM	12	0	20.31	20.41	20.30		
5	64QAM	12	7	20.33	20.34	20.19		
5	64QAM	12	13	20.17	20.20	20.18		
5	64QAM	25	0	20.15	20.22	20.24		
5	256QAM	1	0	18.36	18.53	18.35	19.5	3.5
5	256QAM	1	12	18.31	18.50	18.45		
5	256QAM	1	24	18.28	18.31	18.25		
5	256QAM	12	0	18.30	18.45	18.31	19.5	3.5
5	256QAM	12	7	18.17	18.24	18.23		
5	256QAM	12	13	18.20	18.23	18.28		
5	256QAM	25	0	18.30	18.42	18.17		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	21.46	21.66	21.63	23	0
3	QPSK	1	8	21.32	21.54	21.37		
3	QPSK	1	14	21.42	21.43	21.38		
3	QPSK	8	0	21.55	21.59	21.43	23	0
3	QPSK	8	4	21.48	21.52	21.39		
3	QPSK	8	7	21.32	21.40	21.38		
3	QPSK	15	0	21.37	21.53	21.37		
3	16QAM	1	0	21.47	21.57	21.37	23	0
3	16QAM	1	8	21.30	21.41	21.33		
3	16QAM	1	14	21.22	21.42	21.30		
3	16QAM	8	0	21.26	21.49	21.41	22.5	0.5
3	16QAM	8	4	21.21	21.38	21.30		
3	16QAM	8	7	21.28	21.32	21.27		
3	16QAM	15	0	21.22	21.47	21.36		
3	64QAM	1	0	21.20	21.40	21.29	22.5	0.5
3	64QAM	1	8	21.12	21.29	21.19		
3	64QAM	1	14	21.12	21.23	21.18		
3	64QAM	8	0	20.37	20.43	20.39	21.5	1.5
3	64QAM	8	4	20.23	20.28	20.25		
3	64QAM	8	7	20.16	20.19	20.27		
3	64QAM	15	0	20.19	20.25	20.22		
3	256QAM	1	0	18.30	18.47	18.36	19.5	3.5
3	256QAM	1	8	18.27	18.49	18.43		
3	256QAM	1	14	18.28	18.33	18.28		
3	256QAM	8	0	18.28	18.40	18.31	19.5	3.5
3	256QAM	8	4	18.18	18.26	18.30		
3	256QAM	8	7	18.20	18.19	18.29		
3	256QAM	15	0	18.23	18.36	18.17		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	21.46	21.69	21.55	23	0
1.4	QPSK	1	3	21.35	21.50	21.49		
1.4	QPSK	1	5	21.40	21.44	21.45		
1.4	QPSK	3	0	21.57	21.57	21.40		
1.4	QPSK	3	1	21.48	21.59	21.39		
1.4	QPSK	3	3	21.35	21.33	21.35		
1.4	QPSK	6	0	21.39	21.50	21.30	23	0
1.4	16QAM	1	0	21.50	21.56	21.39	23	0
1.4	16QAM	1	3	21.34	21.40	21.33		
1.4	16QAM	1	5	21.26	21.42	21.40		
1.4	16QAM	3	0	21.28	21.46	21.39		
1.4	16QAM	3	1	21.26	21.44	21.28		
1.4	16QAM	3	3	21.23	21.37	21.35		
1.4	16QAM	6	0	21.21	21.48	21.34	22.5	0.5
1.4	64QAM	1	0	21.28	21.41	21.27	22.5	0.5
1.4	64QAM	1	3	21.13	21.21	21.19		
1.4	64QAM	1	5	21.19	21.28	21.18		
1.4	64QAM	3	0	21.23	21.36	21.32		
1.4	64QAM	3	1	21.23	21.23	21.20		
1.4	64QAM	3	3	21.10	21.22	21.17		
1.4	64QAM	6	0	20.35	20.41	20.29	21.5	1.5
1.4	256QAM	1	0	18.37	18.49	18.44	19.5	3.5
1.4	256QAM	1	3	18.33	18.55	18.44		
1.4	256QAM	1	5	18.29	18.28	18.24		
1.4	256QAM	3	0	18.27	18.39	18.30		
1.4	256QAM	3	1	18.14	18.30	18.24		
1.4	256QAM	3	3	18.15	18.24	18.22		
1.4	256QAM	6	0	18.27	18.30	18.19	19.5	3.5

Band 13 Default Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		21.67		23	0
10	QPSK	1	25		21.48			
10	QPSK	1	49		21.50			
10	QPSK	25	0		21.63		23	0
10	QPSK	25	12		21.50			
10	QPSK	25	25		21.39			
10	QPSK	50	0		21.56			
10	16QAM	1	0		21.50		23	0
10	16QAM	1	25		21.45			
10	16QAM	1	49		21.45			
10	16QAM	25	0		21.47		22.5	0.5
10	16QAM	25	12		21.42			
10	16QAM	25	25		21.40			
10	16QAM	50	0		21.36			
10	64QAM	1	0		21.19		22.5	0.5
10	64QAM	1	25		21.04			
10	64QAM	1	49		21.02		21.5	1.5
10	64QAM	25	0		20.21			
10	64QAM	25	12		20.12			
10	64QAM	25	25		20.14			
10	64QAM	50	0		19.82			
10	256QAM	1	0		18.18		19.5	3.5
10	256QAM	1	25		18.12			
10	256QAM	1	49		17.99			
10	256QAM	25	0		18.14		19.5	3.5
10	256QAM	25	12		17.97			
10	256QAM	25	25		18.01			
10	256QAM	50	0		18.12			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	21.53	21.62	21.58	23	0
5	QPSK	1	12	21.42	21.44	21.34		
5	QPSK	1	24	21.42	21.38	21.46		
5	QPSK	12	0	21.54	21.57	21.49	23	0
5	QPSK	12	7	21.46	21.45	21.36		
5	QPSK	12	13	21.32	21.32	21.35		
5	QPSK	25	0	21.45	21.46	21.45		
5	16QAM	1	0	21.47	21.37	21.38	23	0
5	16QAM	1	12	21.32	21.31	21.30		
5	16QAM	1	24	21.36	21.37	21.42		
5	16QAM	12	0	21.33	21.33	21.42	22.5	0.5
5	16QAM	12	7	21.35	21.36	21.38		
5	16QAM	12	13	21.28	21.27	21.28		
5	16QAM	25	0	21.26	21.32	21.32		
5	64QAM	1	0	21.08	21.14	21.14	22.5	0.5
5	64QAM	1	12	20.96	20.94	20.97		
5	64QAM	1	24	20.94	20.91	20.95	21.5	1.5
5	64QAM	12	0	20.14	20.13	20.18		
5	64QAM	12	7	20.06	20.06	20.05		
5	64QAM	12	13	20.04	20.01	20.07		
5	64QAM	25	0	19.77	19.71	19.77		
5	256QAM	1	0	18.11	18.15	18.08	19.5	3.5
5	256QAM	1	12	18.07	18.07	18.01		
5	256QAM	1	24	17.94	17.94	17.85		
5	256QAM	12	0	18.08	18.10	18.10	19.5	3.5
5	256QAM	12	7	17.83	17.93	17.85		
5	256QAM	12	13	17.97	17.92	17.96		
5	256QAM	25	0	18.04	18.07	17.97		

Band 14 Default Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23330			
Frequency (MHz)					793			
10	QPSK	1	0		21.72		23	0
10	QPSK	1	25		21.53			
10	QPSK	1	49		21.54			
10	QPSK	25	0		21.68		23	0
10	QPSK	25	12		21.52			
10	QPSK	25	25		21.49			
10	QPSK	50	0		21.60			
10	16QAM	1	0		21.57		23	0
10	16QAM	1	25		21.39			
10	16QAM	1	49		21.37			
10	16QAM	25	0		21.52		22.5	0.5
10	16QAM	25	12		21.43			
10	16QAM	25	25		21.37			
10	16QAM	50	0		21.46			
10	64QAM	1	0		21.13		22.5	0.5
10	64QAM	1	25		21.05			
10	64QAM	1	49		20.93		21.5	1.5
10	64QAM	25	0		20.16			
10	64QAM	25	12		19.96			
10	64QAM	25	25		19.99			
10	64QAM	50	0		20.08			
10	256QAM	1	0		18.43		19.5	3.5
10	256QAM	1	25		18.43			
10	256QAM	1	49		18.29			
10	256QAM	25	0		18.42		19.5	3.5
10	256QAM	25	12		18.23			
10	256QAM	25	25		18.24			
10	256QAM	50	0		18.45			
Channel				23305	23330	23355	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	0	21.56	21.60	21.43	23	0
5	QPSK	1	12	21.52	21.57	21.25		
5	QPSK	1	24	21.48	21.48	21.25		
5	QPSK	12	0	21.45	21.59	21.37	23	0
5	QPSK	12	7	21.32	21.42	21.35		
5	QPSK	12	13	21.35	21.40	21.35		
5	QPSK	25	0	21.38	21.57	21.38		
5	16QAM	1	0	21.29	21.46	21.40	23	0
5	16QAM	1	12	21.32	21.35	21.31		
5	16QAM	1	24	21.26	21.23	21.25		
5	16QAM	12	0	21.36	21.46	21.29	22.5	0.5
5	16QAM	12	7	21.24	21.34	21.27		
5	16QAM	12	13	21.16	21.23	21.14		
5	16QAM	25	0	21.19	21.38	21.30		
5	64QAM	1	0	20.92	21.01	20.91	22.5	0.5
5	64QAM	1	12	20.80	20.81	20.91		
5	64QAM	1	24	20.75	20.92	20.85	21.5	1.5
5	64QAM	12	0	19.90	20.10	19.88		
5	64QAM	12	7	19.81	19.89	19.82		
5	64QAM	12	13	19.87	19.97	19.88		
5	64QAM	25	0	19.98	20.01	19.98		
5	256QAM	1	0	18.12	18.39	18.17	19.5	3.5
5	256QAM	1	12	18.14	18.40	18.06		
5	256QAM	1	24	18.11	18.13	18.16		
5	256QAM	12	0	18.11	18.33	18.11	19.5	3.5
5	256QAM	12	7	18.11	18.15	18.03		
5	256QAM	12	13	18.05	18.20	18.09		
5	256QAM	25	0	18.24	18.35	18.15		

Band 17 Default Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	21.61	21.66	21.56	23	0
10	QPSK	1	25	21.42	21.49	21.38		
10	QPSK	1	49	21.46	21.48	21.42		
10	QPSK	25	0	21.32	21.58	21.41	23	0
10	QPSK	25	12	21.33	21.35	21.27		
10	QPSK	25	25	21.32	21.31	21.29		
10	QPSK	50	0	21.48	21.52	21.47		
10	16QAM	1	0	21.31	21.51	21.40	23	0
10	16QAM	1	25	21.25	21.35	21.34		
10	16QAM	1	49	21.24	21.37	21.33		
10	16QAM	25	0	21.24	21.41	21.32	22.5	0.5
10	16QAM	25	12	21.17	21.23	21.10		
10	16QAM	25	25	21.20	21.27	21.18		
10	16QAM	50	0	21.22	21.36	21.30		
10	64QAM	1	0	21.12	21.34	21.27	22.5	0.5
10	64QAM	1	25	21.08	21.22	21.10		
10	64QAM	1	49	21.03	21.20	21.09	21.5	1.5
10	64QAM	25	0	20.28	20.39	20.23		
10	64QAM	25	12	20.15	20.25	20.16		
10	64QAM	25	25	20.19	20.23	20.14		
10	64QAM	50	0	20.28	20.27	20.21		
10	256QAM	1	0	18.28	18.41	18.31	19.5	3.5
10	256QAM	1	25	18.19	18.41	18.27		
10	256QAM	1	49	18.13	18.19	18.21		
10	256QAM	25	0	18.08	18.26	18.10	19.5	3.5
10	256QAM	25	12	18.10	18.08	18.09		
10	256QAM	25	25	18.05	18.08	17.97		
10	256QAM	50	0	18.21	18.34	18.26		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	21.47	21.58	21.41	23	0
5	QPSK	1	12	21.38	21.37	21.31		
5	QPSK	1	24	21.42	21.43	21.33		
5	QPSK	12	0	21.23	21.47	21.27	23	0
5	QPSK	12	7	21.24	21.23	21.14		
5	QPSK	12	13	21.22	21.23	21.26		
5	QPSK	25	0	21.41	21.46	21.39		
5	16QAM	1	0	21.18	21.39	21.27	23	0
5	16QAM	1	12	21.13	21.28	21.26		
5	16QAM	1	24	21.21	21.22	21.22		
5	16QAM	12	0	21.21	21.30	21.23	22.5	0.5
5	16QAM	12	7	21.10	21.13	21.03		
5	16QAM	12	13	21.11	21.23	21.13		
5	16QAM	25	0	21.16	21.25	21.21		
5	64QAM	1	0	21.05	21.29	21.21	22.5	0.5
5	64QAM	1	12	21.02	21.18	20.95		
5	64QAM	1	24	20.96	21.16	21.03	21.5	1.5
5	64QAM	12	0	20.19	20.35	20.19		
5	64QAM	12	7	20.05	20.19	20.04		
5	64QAM	12	13	20.06	20.12	20.05		
5	64QAM	25	0	20.19	20.22	20.11		
5	256QAM	1	0	18.22	18.31	18.24	19.5	3.5
5	256QAM	1	12	18.06	18.34	18.14		
5	256QAM	1	24	18.00	18.10	18.07		
5	256QAM	12	0	18.02	18.12	18.07	19.5	3.5
5	256QAM	12	7	18.03	18.02	18.00		
5	256QAM	12	13	17.99	18.01	17.82		
5	256QAM	25	0	18.11	18.24	18.12		

Band 25 Default Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	21.00	21.11	21.06	22	0
20	QPSK	1	49	20.84	20.97	20.93		
20	QPSK	1	99	20.83	20.92	20.87		
20	QPSK	50	0	20.92	21.06	20.96	22	0
20	QPSK	50	24	20.84	20.89	20.85		
20	QPSK	50	50	20.76	20.87	20.80		
20	QPSK	100	0	20.89	21.02	20.94		
20	16QAM	1	0	20.87	21.06	20.93		
20	16QAM	1	49	20.83	20.89	20.89	22	0
20	16QAM	1	99	20.78	20.85	20.80		
20	16QAM	50	0	20.84	21.00	20.84		
20	16QAM	50	24	20.77	20.90	20.81	22	0
20	16QAM	50	50	20.74	20.79	20.75		
20	16QAM	100	0	20.82	20.94	20.76		
20	64QAM	1	0	20.88	21.09	20.97		
20	64QAM	1	49	20.92	20.97	20.89	22	0
20	64QAM	1	99	20.88	20.89	20.80		
20	64QAM	50	0	20.89	21.01	20.89		
20	64QAM	50	24	20.81	20.89	20.84	22	0
20	64QAM	50	50	20.70	20.78	20.74		
20	64QAM	100	0	20.86	20.95	20.92		
20	256QAM	1	0	17.90	18.07	17.89		
20	256QAM	1	49	17.92	18.07	17.88	19	3
20	256QAM	1	99	17.77	17.84	17.77		
20	256QAM	50	0	17.86	17.99	17.88		
20	256QAM	50	24	17.80	17.85	17.84	19	3
20	256QAM	50	50	17.71	17.82	17.78		
20	256QAM	100	0	17.92	18.08	17.89		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	20.89	21.07	20.96	22	0
15	QPSK	1	37	20.75	20.91	20.79		
15	QPSK	1	74	20.75	20.84	20.75		
15	QPSK	36	0	20.83	20.94	20.91	22	0
15	QPSK	36	20	20.80	20.77	20.77		
15	QPSK	36	39	20.62	20.75	20.74		
15	QPSK	75	0	20.82	20.98	20.88		
15	16QAM	1	0	20.80	20.98	20.88	22	0
15	16QAM	1	37	20.77	20.83	20.79		
15	16QAM	1	74	20.66	20.77	20.66		
15	16QAM	36	0	20.71	20.96	20.71	22	0
15	16QAM	36	20	20.71	20.86	20.74		
15	16QAM	36	39	20.69	20.74	20.64		
15	16QAM	75	0	20.78	20.81	20.61		
15	64QAM	1	0	20.83	21.06	20.86	22	0
15	64QAM	1	37	20.89	20.85	20.77		
15	64QAM	1	74	20.74	20.85	20.70		
15	64QAM	36	0	20.76	20.96	20.75	22	0
15	64QAM	36	20	20.76	20.80	20.70		
15	64QAM	36	39	20.62	20.63	20.60		
15	64QAM	75	0	20.77	20.81	20.88		
15	256QAM	1	0	17.80	18.02	17.78	19	3
15	256QAM	1	37	17.88	18.03	17.78		
15	256QAM	1	74	17.63	17.71	17.73		
15	256QAM	36	0	17.80	17.91	17.85	19	3
15	256QAM	36	20	17.69	17.78	17.77		
15	256QAM	36	39	17.66	17.78	17.67		
15	256QAM	75	0	17.79	17.97	17.80		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	20.86	21.02	21.02	22	0
10	QPSK	1	25	20.78	20.93	20.89		
10	QPSK	1	49	20.78	20.80	20.73		
10	QPSK	25	0	20.81	21.02	20.85	22	0
10	QPSK	25	12	20.77	20.77	20.76		
10	QPSK	25	25	20.63	20.78	20.73		
10	QPSK	50	0	20.79	20.89	20.80		
10	16QAM	1	0	20.80	20.97	20.82	22	0
10	16QAM	1	25	20.74	20.76	20.79		
10	16QAM	1	49	20.75	20.71	20.75		
10	16QAM	25	0	20.77	20.91	20.75	22	0
10	16QAM	25	12	20.68	20.85	20.74		
10	16QAM	25	25	20.67	20.64	20.62		
10	16QAM	50	0	20.76	20.81	20.65		
10	64QAM	1	0	20.80	21.00	20.93	22	0
10	64QAM	1	25	20.77	20.85	20.77		
10	64QAM	1	49	20.84	20.80	20.68		
10	64QAM	25	0	20.79	20.88	20.74	22	0
10	64QAM	25	12	20.68	20.86	20.77		
10	64QAM	25	25	20.65	20.66	20.62		
10	64QAM	50	0	20.71	20.91	20.81		
10	256QAM	1	0	17.87	18.03	17.77	19	3
10	256QAM	1	25	17.88	17.99	17.74		
10	256QAM	1	49	17.71	17.75	17.62		
10	256QAM	25	0	17.80	17.85	17.82	19	3
10	256QAM	25	12	17.74	17.71	17.77		
10	256QAM	25	25	17.64	17.74	17.74		
10	256QAM	50	0	17.82	17.96	17.79		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	20.94	21.00	21.01	22	0
5	QPSK	1	12	20.80	20.84	20.89		
5	QPSK	1	24	20.69	20.81	20.80		
5	QPSK	12	0	20.78	20.96	20.82	22	0
5	QPSK	12	7	20.73	20.83	20.74		
5	QPSK	12	13	20.64	20.80	20.74		
5	QPSK	25	0	20.81	20.92	20.90		
5	16QAM	1	0	20.73	20.92	20.82	22	0
5	16QAM	1	12	20.73	20.81	20.75		
5	16QAM	1	24	20.68	20.71	20.76		
5	16QAM	12	0	20.77	20.90	20.69	22	0
5	16QAM	12	7	20.72	20.78	20.72		
5	16QAM	12	13	20.64	20.74	20.67		
5	16QAM	25	0	20.69	20.84	20.63		
5	64QAM	1	0	20.85	21.04	20.91	22	0
5	64QAM	1	12	20.85	20.88	20.81		
5	64QAM	1	24	20.77	20.79	20.69		
5	64QAM	12	0	20.75	20.92	20.84	22	0
5	64QAM	12	7	20.77	20.74	20.70		
5	64QAM	12	13	20.59	20.68	20.63		
5	64QAM	25	0	20.74	20.84	20.86		
5	256QAM	1	0	17.77	18.03	17.77	19	3
5	256QAM	1	12	17.81	18.02	17.74		
5	256QAM	1	24	17.73	17.70	17.69		
5	256QAM	12	0	17.76	17.87	17.75	19	3
5	256QAM	12	7	17.70	17.71	17.74		
5	256QAM	12	13	17.62	17.70	17.74		
5	256QAM	25	0	17.83	18.04	17.83		
Channel				26015	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	20.96	20.99	20.98	22	0
3	QPSK	1	8	20.75	20.93	20.87		
3	QPSK	1	14	20.71	20.87	20.79		
3	QPSK	8	0	20.81	21.02	20.91	22	0
3	QPSK	8	4	20.73	20.83	20.70		
3	QPSK	8	7	20.69	20.79	20.71		
3	QPSK	15	0	20.81	20.94	20.83		
3	16QAM	1	0	20.81	20.99	20.86	22	0
3	16QAM	1	8	20.78	20.84	20.85		
3	16QAM	1	14	20.65	20.79	20.72		
3	16QAM	8	0	20.76	20.86	20.79	22	0
3	16QAM	8	4	20.67	20.84	20.72		
3	16QAM	8	7	20.60	20.69	20.61		
3	16QAM	15	0	20.74	20.88	20.63		
3	64QAM	1	0	20.84	21.00	20.87	22	0
3	64QAM	1	8	20.86	20.93	20.76		
3	64QAM	1	14	20.81	20.75	20.69		
3	64QAM	8	0	20.75	20.88	20.79	22	0
3	64QAM	8	4	20.71	20.78	20.73		
3	64QAM	8	7	20.64	20.63	20.67		
3	64QAM	15	0	20.81	20.88	20.77		
3	256QAM	1	0	17.85	17.96	17.85	19	3
3	256QAM	1	8	17.81	17.96	17.83		
3	256QAM	1	14	17.71	17.69	17.63		
3	256QAM	8	0	17.78	17.93	17.83	19	3
3	256QAM	8	4	17.74	17.73	17.76		
3	256QAM	8	7	17.65	17.73	17.65		
3	256QAM	15	0	17.82	17.93	17.83		
Channel				26047	26340	26633	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	20.91	21.00	21.02	22	0
1.4	QPSK	1	3	20.80	20.85	20.80		
1.4	QPSK	1	5	20.69	20.88	20.73		
1.4	QPSK	3	0	20.86	20.93	20.88		
1.4	QPSK	3	1	20.70	20.76	20.71		
1.4	QPSK	3	3	20.69	20.78	20.72		
1.4	QPSK	6	0	20.78	20.92	20.90	22	0
1.4	16QAM	1	0	20.78	21.01	20.87	22	0
1.4	16QAM	1	3	20.71	20.81	20.84		
1.4	16QAM	1	5	20.75	20.71	20.69		
1.4	16QAM	3	0	20.80	20.92	20.72		
1.4	16QAM	3	1	20.65	20.84	20.71		
1.4	16QAM	3	3	20.60	20.65	20.70		
1.4	16QAM	6	0	20.73	20.87	20.65	22	0
1.4	64QAM	1	0	20.74	20.94	20.84	22	0
1.4	64QAM	1	3	20.82	20.91	20.75		
1.4	64QAM	1	5	20.73	20.82	20.74		
1.4	64QAM	3	0	20.77	20.91	20.75		
1.4	64QAM	3	1	20.70	20.81	20.72		
1.4	64QAM	3	3	20.55	20.72	20.63		
1.4	64QAM	6	0	20.78	20.84	20.84	22	0
1.4	256QAM	1	0	17.82	18.01	17.74	19	3
1.4	256QAM	1	3	17.83	17.95	17.75		
1.4	256QAM	1	5	17.64	17.72	17.68		
1.4	256QAM	3	0	17.77	17.85	17.81		
1.4	256QAM	3	1	17.70	17.70	17.74		
1.4	256QAM	3	3	17.65	17.70	17.66		
1.4	256QAM	6	0	17.84	18.03	17.82	19	3

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	21.32	21.38	21.29	22	0
15	QPSK	1	37	21.17	21.27	21.14		
15	QPSK	1	74	21.14	21.20	21.10		
15	QPSK	36	0	21.18	21.33	21.14	22	0
15	QPSK	36	20	21.17	21.18	21.12		
15	QPSK	36	39	21.02	21.18	21.06		
15	QPSK	75	0	21.17	21.29	21.11		
15	16QAM	1	0	21.11	21.23	21.11	22	0
15	16QAM	1	37	21.02	21.11	21.04		
15	16QAM	1	74	20.97	21.08	21.05		
15	16QAM	36	0	21.05	21.17	21.05	22	0
15	16QAM	36	20	20.97	21.06	20.97		
15	16QAM	36	39	20.95	20.94	20.89		
15	16QAM	75	0	21.04	21.15	20.99		
15	64QAM	1	0	21.09	21.29	21.14	22	0
15	64QAM	1	37	21.07	21.12	21.05		
15	64QAM	1	74	21.09	21.05	21.10		
15	64QAM	36	0	20.05	20.15	20.06	21	1
15	64QAM	36	20	19.97	20.03	20.01		
15	64QAM	36	39	19.94	19.94	19.90		
15	64QAM	75	0	20.09	20.15	20.06		
15	256QAM	1	0	18.31	18.43	18.26	19	3
15	256QAM	1	37	18.28	18.43	18.20		
15	256QAM	1	74	18.21	18.26	18.14		
15	256QAM	36	0	18.00	18.17	18.08	19	3
15	256QAM	36	20	18.02	18.08	17.98		
15	256QAM	36	39	17.90	18.02	17.97		
15	256QAM	75	0	18.07	18.23	18.06		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	21.20	21.26	21.26	22	0
10	QPSK	1	25	21.13	21.15	21.01		
10	QPSK	1	49	21.10	21.14	21.04		
10	QPSK	25	0	21.05	21.19	21.00	22	0
10	QPSK	25	12	21.06	21.12	21.02		
10	QPSK	25	25	20.96	21.09	20.94		
10	QPSK	50	0	21.11	21.20	20.97		
10	16QAM	1	0	21.03	21.13	20.97	22	0
10	16QAM	1	25	20.91	21.07	20.92		
10	16QAM	1	49	20.85	20.97	21.01		
10	16QAM	25	0	20.92	21.08	20.98	22	0
10	16QAM	25	12	20.93	20.91	20.94		
10	16QAM	25	25	20.82	20.80	20.80		
10	16QAM	50	0	20.91	21.08	20.87		
10	64QAM	1	0	20.97	21.15	21.04	22	0
10	64QAM	1	25	20.93	21.01	21.02		
10	64QAM	1	49	21.01	20.95	20.98		
10	64QAM	25	0	19.93	20.07	19.93	21	1
10	64QAM	25	12	19.93	19.97	19.93		
10	64QAM	25	25	19.83	19.86	19.87		
10	64QAM	50	0	19.94	20.09	19.97		
10	256QAM	1	0	18.19	18.29	18.11	19	3
10	256QAM	1	25	18.18	18.38	18.11		
10	256QAM	1	49	18.13	18.22	18.05		
10	256QAM	25	0	17.91	18.05	17.96	19	3
10	256QAM	25	12	17.93	18.05	17.88		
10	256QAM	25	25	17.87	17.96	17.93		
10	256QAM	50	0	17.96	18.15	17.97		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	21.19	21.34	21.20	22	0
5	QPSK	1	12	21.11	21.12	21.05		
5	QPSK	1	24	21.09	21.09	20.96		
5	QPSK	12	0	21.06	21.29	21.04	22	0
5	QPSK	12	7	21.07	21.09	21.08		
5	QPSK	12	13	20.96	21.05	20.98		
5	QPSK	25	0	21.12	21.18	21.06		
5	16QAM	1	0	20.99	21.17	21.04	22	0
5	16QAM	1	12	20.97	21.05	20.96		
5	16QAM	1	24	20.85	21.05	21.01		
5	16QAM	12	0	20.95	21.03	20.93	22	0
5	16QAM	12	7	20.87	20.97	20.92		
5	16QAM	12	13	20.87	20.79	20.77		
5	16QAM	25	0	20.93	21.08	20.96		
5	64QAM	1	0	21.04	21.23	21.09	22	0
5	64QAM	1	12	20.96	21.02	20.92		
5	64QAM	1	24	21.03	20.94	20.99		
5	64QAM	12	0	19.95	20.05	19.93	21	1
5	64QAM	12	7	19.93	19.97	19.90		
5	64QAM	12	13	19.84	19.81	19.80		
5	64QAM	25	0	20.02	20.07	20.03		
5	256QAM	1	0	18.19	18.37	18.13	19	3
5	256QAM	1	12	18.13	18.38	18.11		
5	256QAM	1	24	18.10	18.21	18.07		
5	256QAM	12	0	17.92	18.07	18.01	19	3
5	256QAM	12	7	17.99	18.03	17.91		
5	256QAM	12	13	17.83	17.90	17.88		
5	256QAM	25	0	17.99	18.11	18.01		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	21.23	21.32	21.17	22	0
3	QPSK	1	8	21.07	21.20	21.08		
3	QPSK	1	14	21.09	21.15	20.96		
3	QPSK	8	0	21.14	21.22	21.00	22	0
3	QPSK	8	4	21.05	21.14	21.04		
3	QPSK	8	7	20.94	21.05	20.92		
3	QPSK	15	0	21.04	21.16	21.02		
3	16QAM	1	0	20.96	21.15	21.03	22	0
3	16QAM	1	8	20.93	21.03	21.00		
3	16QAM	1	14	20.84	21.01	20.90		
3	16QAM	8	0	20.94	21.04	20.98	22	0
3	16QAM	8	4	20.90	20.92	20.85		
3	16QAM	8	7	20.90	20.89	20.79		
3	16QAM	15	0	20.92	21.11	20.95		
3	64QAM	1	0	21.00	21.15	21.10	22	0
3	64QAM	1	8	20.93	21.01	20.98		
3	64QAM	1	14	21.02	20.97	21.07		
3	64QAM	8	0	20.02	20.01	19.92	21	1
3	64QAM	8	4	19.88	19.97	19.94		
3	64QAM	8	7	19.87	19.87	19.84		
3	64QAM	15	0	19.97	20.10	19.94		
3	256QAM	1	0	18.27	18.36	18.22	19	3
3	256QAM	1	8	18.22	18.37	18.06		
3	256QAM	1	14	18.17	18.19	18.02		
3	256QAM	8	0	17.86	18.05	18.03	19	3
3	256QAM	8	4	17.98	17.95	17.90		
3	256QAM	8	7	17.76	17.96	17.88		
3	256QAM	15	0	17.98	18.14	17.92		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	21.20	21.28	21.17	22	0
1.4	QPSK	1	3	21.11	21.21	21.01		
1.4	QPSK	1	5	21.04	21.14	21.02		
1.4	QPSK	3	0	21.05	21.26	21.04		
1.4	QPSK	3	1	21.09	21.08	21.04		
1.4	QPSK	3	3	20.99	21.14	21.03		
1.4	QPSK	6	0	21.09	21.16	21.06	22	0
1.4	16QAM	1	0	21.06	21.18	20.97	22	0
1.4	16QAM	1	3	20.91	21.04	20.94		
1.4	16QAM	1	5	20.93	21.03	20.91		
1.4	16QAM	3	0	20.96	21.11	20.95		
1.4	16QAM	3	1	20.89	20.95	20.85		
1.4	16QAM	3	3	20.88	20.87	20.74		
1.4	16QAM	6	0	20.94	21.00	20.89	22	0
1.4	64QAM	1	0	21.04	21.24	21.04	22	0
1.4	64QAM	1	3	20.97	21.04	21.01		
1.4	64QAM	1	5	20.99	20.97	20.99		
1.4	64QAM	3	0	20.97	21.25	21.03		
1.4	64QAM	3	1	20.93	20.97	20.96		
1.4	64QAM	3	3	21.01	21.01	21.00		
1.4	64QAM	6	0	19.95	20.02	19.96	21	1
1.4	256QAM	1	0	18.20	18.36	18.15	19	3
1.4	256QAM	1	3	18.14	18.33	18.16		
1.4	256QAM	1	5	18.14	18.23	18.02		
1.4	256QAM	3	0	17.87	18.07	18.03		
1.4	256QAM	3	1	17.92	18.02	17.85		
1.4	256QAM	3	3	17.81	17.88	17.93		
1.4	256QAM	6	0	18.01	18.17	18.02	19	3

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		20.45		21.4	0
10	QPSK	1	25		20.11			
10	QPSK	1	49		20.12			
10	QPSK	25	0		20.32		21.4	0
10	QPSK	25	12		20.27			
10	QPSK	25	25		20.12			
10	QPSK	50	0		20.31			
10	16QAM	1	0		20.13		21.4	0
10	16QAM	1	25		20.17			
10	16QAM	1	49		19.97			
10	16QAM	25	0		20.38		21.4	0
10	16QAM	25	12		20.23			
10	16QAM	25	25		20.02			
10	16QAM	50	0		20.31			
10	64QAM	1	0		20.44		21.4	0
10	64QAM	1	25		20.37			
10	64QAM	1	49		20.28			
10	64QAM	25	0		20.24		21	0.4
10	64QAM	25	12		20.15			
10	64QAM	25	25		20.01			
10	64QAM	50	0		19.63			
10	256QAM	1	0		18.80		19	2.4
10	256QAM	1	25		18.80			
10	256QAM	1	49		18.59			
10	256QAM	25	0		18.70		19	2.4
10	256QAM	25	12		18.50			
10	256QAM	25	25		18.45			
10	256QAM	50	0		18.69			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	20.24	20.26	20.14	21.4	0
5	QPSK	1	12	20.02	20.11	20.07		
5	QPSK	1	24	20.12	20.06	20.02		
5	QPSK	12	0	20.19	20.11	20.01	21.4	0
5	QPSK	12	7	20.05	20.14	20.07		
5	QPSK	12	13	19.88	20.09	19.97		
5	QPSK	25	0	19.99	20.14	20.15		
5	16QAM	1	0	20.06	20.15	19.91	21.4	0
5	16QAM	1	12	19.95	19.98	19.96		
5	16QAM	1	24	19.82	20.04	19.94		
5	16QAM	12	0	20.17	20.19	20.28	21.4	0
5	16QAM	12	7	20.10	20.14	19.85		
5	16QAM	12	13	20.08	20.11	19.86		
5	16QAM	25	0	20.22	20.39	20.25		
5	64QAM	1	0	20.41	20.43	20.39	21.4	0
5	64QAM	1	12	20.20	20.27	20.36		
5	64QAM	1	24	20.33	20.23	20.28		
5	64QAM	12	0	20.03	20.15	19.94	21	0.4
5	64QAM	12	7	20.00	20.02	19.96		
5	64QAM	12	13	19.83	20.02	19.87		
5	64QAM	25	0	19.57	19.56

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	21.03	21.12	20.97	22	0
20	QPSK	1	49	20.91	21.03	20.86		
20	QPSK	1	99	20.86	20.90	20.79		
20	QPSK	50	0	20.87	21.07	20.96	22	0
20	QPSK	50	24	20.80	20.88	20.84		
20	QPSK	50	50	20.80	20.87	20.88		
20	QPSK	100	0	20.84	20.95	20.82		
20	16QAM	1	0	20.90	20.92	20.87	22	0
20	16QAM	1	49	20.74	20.86	20.80		
20	16QAM	1	99	20.78	20.82	20.73		
20	16QAM	50	0	20.71	20.87	20.79	22	0
20	16QAM	50	24	20.64	20.68	20.65		
20	16QAM	50	50	20.63	20.69	20.59		
20	16QAM	100	0	20.83	20.94	20.82		
20	64QAM	1	0	20.81	20.92	20.74	22	0
20	64QAM	1	49	20.75	20.80	20.77		
20	64QAM	1	99	20.65	20.69	20.68		
20	64QAM	50	0	20.61	20.79	20.69	22	0
20	64QAM	50	24	20.59	20.70	20.54		
20	64QAM	50	50	20.56	20.60	20.49		
20	64QAM	100	0	20.74	20.83	20.82		
20	256QAM	1	0	17.89	18.10	18.00	19	3
20	256QAM	1	49	17.93	18.10	17.95		
20	256QAM	1	99	17.79	17.90	17.85		
20	256QAM	50	0	17.60	17.75	17.63	19	3
20	256QAM	50	24	17.60	17.58	17.52		
20	256QAM	50	50	17.47	17.58	17.47		
20	256QAM	100	0	17.78	17.92	17.80		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	20.92	21.07	20.92	22	0
15	QPSK	1	37	20.78	20.96	20.79		
15	QPSK	1	74	20.77	20.75	20.71		
15	QPSK	36	0	20.78	21.01	20.83	22	0
15	QPSK	36	20	20.75	20.78	20.76		
15	QPSK	36	39	20.67	20.83	20.79		
15	QPSK	75	0	20.74	20.92	20.77		
15	16QAM	1	0	20.81	20.83	20.75	22	0
15	16QAM	1	37	20.63	20.83	20.77		
15	16QAM	1	74	20.66	20.68	20.65		
15	16QAM	36	0	20.59	20.74	20.64	22	0
15	16QAM	36	20	20.54	20.54	20.51		
15	16QAM	36	39	20.59	20.64	20.51		
15	16QAM	75	0	20.75	20.88	20.70		
15	64QAM	1	0	20.71	20.80	20.69	22	0
15	64QAM	1	37	20.61	20.68	20.66		
15	64QAM	1	74	20.54	20.58	20.55		
15	64QAM	36	0	20.56	20.70	20.62	22	0
15	64QAM	36	20	20.53	20.62	20.40		
15	64QAM	36	39	20.48	20.52	20.38		
15	64QAM	75	0	20.67	20.69	20.68		
15	256QAM	1	0	17.76	17.98	17.91	19	3
15	256QAM	1	37	17.78	18.02	17.83		
15	256QAM	1	74	17.65	17.85	17.81		
15	256QAM	36	0	17.46	17.70	17.50	19	3
15	256QAM	36	20	17.47	17.53	17.41		
15	256QAM	36	39	17.37	17.50	17.33		
15	256QAM	75	0	17.64	17.81	17.74		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	20.94	21.01	20.86	22	0
10	QPSK	1	25	20.83	20.89	20.71		
10	QPSK	1	49	20.82	20.78	20.72		
10	QPSK	25	0	20.76	20.97	20.88	22	0
10	QPSK	25	12	20.68	20.78	20.79		
10	QPSK	25	25	20.76	20.81	20.74		
10	QPSK	50	0	20.74	20.81	20.68		
10	16QAM	1	0	20.81	20.83	20.74	22	0
10	16QAM	1	25	20.66	20.75	20.74		
10	16QAM	1	49	20.73	20.76	20.64		
10	16QAM	25	0	20.58	20.81	20.65	22	0
10	16QAM	25	12	20.54	20.58	20.60		
10	16QAM	25	25	20.56	20.65	20.49		
10	16QAM	50	0	20.80	20.82	20.68		
10	64QAM	1	0	20.72	20.86	20.71	22	0
10	64QAM	1	25	20.61	20.74	20.64		
10	64QAM	1	49	20.51	20.55	20.58		
10	64QAM	25	0	20.47	20.71	20.57	22	0
10	64QAM	25	12	20.48	20.64	20.43		
10	64QAM	25	25	20.47	20.46	20.45		
10	64QAM	50	0	20.67	20.79	20.75		
10	256QAM	1	0	17.86	17.97	17.92	19	3
10	256QAM	1	25	17.86	17.95	17.87		
10	256QAM	1	49	17.65	17.76	17.79		
10	256QAM	25	0	17.53	17.63	17.59	19	3
10	256QAM	25	12	17.57	17.52	17.45		
10	256QAM	25	25	17.36	17.46	17.43		
10	256QAM	50	0	17.65	17.85	17.76		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	20.91	20.98	20.86	22	0
5	QPSK	1	12	20.85	20.92	20.79		
5	QPSK	1	24	20.80	20.82	20.68		
5	QPSK	12	0	20.75	20.94	20.92	22	0
5	QPSK	12	7	20.76	20.79	20.71		
5	QPSK	12	13	20.67	20.80	20.79		
5	QPSK	25	0	20.73	20.91	20.67		
5	16QAM	1	0	20.81	20.80	20.76	22	0
5	16QAM	1	12	20.64	20.73	20.75		
5	16QAM	1	24	20.76	20.73	20.60		
5	16QAM	12	0	20.67	20.72	20.64	22	0
5	16QAM	12	7	20.58	20.57	20.60		
5	16QAM	12	13	20.50	20.55	20.54		
5	16QAM	25	0	20.76	20.88	20.69		
5	64QAM	1	0	20.70	20.83	20.66	22	0
5	64QAM	1	12	20.65	20.77	20.64		
5	64QAM	1	24	20.62	20.54	20.61		
5	64QAM	12	0	20.53	20.67	20.60	22	0
5	64QAM	12	7	20.46	20.58	20.49		
5	64QAM	12	13	20.50	20.53	20.39		
5	64QAM	25	0	20.70	20.77	20.70		
5	256QAM	1	0	17.82	18.02	17.93	19	3
5	256QAM	1	12	17.80	17.98	17.82		
5	256QAM	1	24	17.70	17.76	17.71		
5	256QAM	12	0	17.55	17.63	17.49	19	3
5	256QAM	12	7	17.54	17.50	17.47		
5	256QAM	12	13	17.39	17.51	17.44		
5	256QAM	25	0	17.64	17.78	17.75		
Channel				131967	132322	132677	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	20.91	21.06	20.92	22	0
3	QPSK	1	8	20.85	20.96	20.74		
3	QPSK	1	14	20.75	20.86	20.66		
3	QPSK	8	0	20.73	20.93	20.86	22	0
3	QPSK	8	4	20.74	20.80	20.80		
3	QPSK	8	7	20.69	20.82	20.85		
3	QPSK	15	0	20.79	20.84	20.78		
3	16QAM	1	0	20.87	20.82	20.80	22	0
3	16QAM	1	8	20.63	20.77	20.73		
3	16QAM	1	14	20.70	20.68	20.67		
3	16QAM	8	0	20.60	20.83	20.74	22	0
3	16QAM	8	4	20.55	20.53	20.58		
3	16QAM	8	7	20.55	20.61	20.55		
3	16QAM	15	0	20.77	20.84	20.71		
3	64QAM	1	0	20.69	20.82	20.64	22	0
3	64QAM	1	8	20.64	20.72	20.64		
3	64QAM	1	14	20.51	20.57	20.59		
3	64QAM	8	0	20.48	20.68	20.59	22	0
3	64QAM	8	4	20.45	20.61	20.46		
3	64QAM	8	7	20.49	20.53	20.43		
3	64QAM	15	0	20.71	20.71	20.70		
3	256QAM	1	0	17.84	18.06	17.89	19	3
3	256QAM	1	8	17.83	18.04	17.81		
3	256QAM	1	14	17.74	17.86	17.78		
3	256QAM	8	0	17.56	17.67	17.51	19	3
3	256QAM	8	4	17.45	17.47	17.48		
3	256QAM	8	7	17.36	17.55	17.37		
3	256QAM	15	0	17.69	17.82	17.77		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	20.93	21.03	20.94	22	0
1.4	QPSK	1	3	20.80	20.97	20.80		
1.4	QPSK	1	5	20.81	20.76	20.67		
1.4	QPSK	3	0	20.75	20.95	20.84		
1.4	QPSK	3	1	20.69	20.79	20.72		
1.4	QPSK	3	3	20.69	20.84	20.81		
1.4	QPSK	6	0	20.80	20.84	20.68	22	0
1.4	16QAM	1	0	20.83	20.86	20.74	22	0
1.4	16QAM	1	3	20.63	20.72	20.67		
1.4	16QAM	1	5	20.70	20.79	20.59		
1.4	16QAM	3	0	20.62	20.81	20.65		
1.4	16QAM	3	1	20.55	20.56	20.52		
1.4	16QAM	3	3	20.54	20.64	20.47		
1.4	16QAM	6	0	20.71	20.88	20.70	21.5	0.5
1.4	64QAM	1	0	20.74	20.77	20.60	21.5	0.5
1.4	64QAM	1	3	20.61	20.68	20.73		
1.4	64QAM	1	5	20.51	20.61	20.59		
1.4	64QAM	3	0	20.57	20.66	20.59		
1.4	64QAM	3	1	20.45	20.62	20.46		
1.4	64QAM	3	3	20.46	20.48	20.36		
1.4	64QAM	6	0	20.60	20.76	20.73	20.5	1.5
1.4	256QAM	1	0	17.81	18.02	17.97	18.5	3.5
1.4	256QAM	1	3	17.80	18.02	17.81		
1.4	256QAM	1	5	17.66	17.75	17.80		
1.4	256QAM	3	0	17.56	17.66	17.53		
1.4	256QAM	3	1	17.51	17.45	17.38		
1.4	256QAM	3	3	17.34	17.48	17.38		
1.4	256QAM	6	0	17.66	17.83	17.68	18.5	3.5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				133222	133322	133372		
Frequency (MHz)				673	683	688		
20	QPSK	1	0	21.76	21.85	21.69	23	0
20	QPSK	1	49	21.62	21.74	21.59		
20	QPSK	1	99	21.53	21.65	21.55		
20	QPSK	50	0	21.65	21.79	21.60	23	0
20	QPSK	50	24	21.61	21.64	21.62		
20	QPSK	50	50	21.54	21.61	21.61		
20	QPSK	100	0	21.50	21.72	21.57		
20	16QAM	1	0	21.58	21.77	21.57	23	0
20	16QAM	1	49	21.55	21.59	21.61		
20	16QAM	1	99	21.49	21.58	21.56		
20	16QAM	50	0	21.45	21.64	21.47	22.5	0.5
20	16QAM	50	24	21.46	21.49	21.49		
20	16QAM	50	50	21.40	21.44	21.38		
20	16QAM	100	0	21.38	21.48	21.29		
20	64QAM	1	0	21.32	21.53	21.38	22.5	0.5
20	64QAM	1	49	21.35	21.44	21.39		
20	64QAM	1	99	21.30	21.33	21.35		
20	64QAM	50	0	20.29	20.50	20.33	21.5	1.5
20	64QAM	50	24	20.35	20.36	20.33		
20	64QAM	50	50	20.29	20.32	20.30		
20	64QAM	100	0	20.22	20.31	20.25		
20	256QAM	1	0	17.67	17.89	17.81	19	4
20	256QAM	1	49	17.72	17.89	17.67		
20	256QAM	1	99	17.59	17.65	17.64		
20	256QAM	50	0	18.43	18.62	18.53	19	4
20	256QAM	50	24	18.37	18.52	18.42		
20	256QAM	50	50	18.30	18.39	18.37		
20	256QAM	100	0	18.32	18.49	18.34		
Channel				133197	133297	133397	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	0	21.70	21.78	21.54	23	0
15	QPSK	1	37	21.52	21.64	21.53		
15	QPSK	1	74	21.43	21.61	21.51		
15	QPSK	36	0	21.57	21.70	21.56	23	0
15	QPSK	36	20	21.55	21.59	21.49		
15	QPSK	36	39	21.50	21.47	21.55		
15	QPSK	75	0	21.40	21.59	21.53		
15	16QAM	1	0	21.47	21.64	21.43	23	0
15	16QAM	1	37	21.42	21.45	21.50		
15	16QAM	1	74	21.35	21.55	21.45		
15	16QAM	36	0	21.37	21.51	21.36	22.5	0.5
15	16QAM	36	20	21.38	21.39	21.35		
15	16QAM	36	39	21.31	21.30	21.32		
15	16QAM	75	0	21.34	21.41	21.20		
15	64QAM	1	0	21.23	21.38	21.34	22.5	0.5
15	64QAM	1	37	21.30	21.30	21.26		
15	64QAM	1	74	21.25	21.20	21.29		
15	64QAM	36	0	20.15	20.39	20.23	21.5	1.5
15	64QAM	36	20	20.23	20.22	20.23		
15	64QAM	36	39	20.23	20.26	20.22		
15	64QAM	75	0	20.16	20.20	20.17		
15	256QAM	1	0	17.61	17.84	17.75	19	4
15	256QAM	1	37	17.58	17.83	17.64		
15	256QAM	1	74	17.46	17.56	17.52		
15	256QAM	36	0	18.31	18.50	18.38	19	4
15	256QAM	36	20	18.29	18.47	18.30		
15	256QAM	36	39	18.23	18.41	18.26		
15	256QAM	75	0	18.27	18.39	18.25		
Channel				133172	133272	133422	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	678	693		
10	QPSK	1	0	21.66	21.75	21.62	23	0
10	QPSK	1	25	21.50	21.60	21.51		
10	QPSK	1	49	21.41	21.53	21.51		
10	QPSK	25	0	21.51	21.66	21.57	23	0
10	QPSK	25	12	21.52	21.54	21.48		
10	QPSK	25	25	21.49	21.47	21.52		
10	QPSK	50	0	21.46	21.62	21.45		
10	16QAM	1	0	21.54	21.63	21.51	23	0
10	16QAM	1	25	21.46	21.46	21.55		
10	16QAM	1	49	21.40	21.53	21.47		
10	16QAM	25	0	21.34	21.55	21.37	22.5	0.5
10	16QAM	25	12	21.36	21.46	21.45		
10	16QAM	25	25	21.36	21.33	21.26		
10	16QAM	50	0	21.31	21.42	21.17		
10	64QAM	1	0	21.24	21.43	21.24	22.5	0.5
10	64QAM	1	25	21.25	21.29	21.34		
10	64QAM	1	49	21.19	21.21	21.27		
10	64QAM	25	0	20.18	20.42	20.24	21.5	1.5
10	64QAM	25	12	20.22	20.25	20.27		
10	64QAM	25	25	20.17	20.25	20.25		
10	64QAM	50	0	20.11	20.22	20.22		
10	256QAM	1	0	17.61	17.81	17.75	19	4
10	256QAM	1	25	17.69	17.79	17.59		
10	256QAM	1	49	17.50	17.57	17.51		
10	256QAM	25	0	18.32	18.55	18.46	19	4
10	256QAM	25	12	18.26	18.41	18.36		
10	256QAM	25	25	18.24	18.30	18.24		
10	256QAM	50	0	18.19	18.40	18.22		
Channel				133147	133247	133447	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	675.5	695.5		
5	QPSK	1	0	21.72	21.72	21.62	23	0
5	QPSK	1	12	21.54	21.66	21.54		
5	QPSK	1	24	21.44	21.53	21.48		
5	QPSK	12	0	21.59	21.65	21.57	23	0
5	QPSK	12	7	21.48	21.50	21.57		
5	QPSK	12	13	21.43	21.57	21.47		
5	QPSK	25	0	21.39	21.68	21.53		
5	16QAM	1	0	21.43	21.65	21.47	23	0
5	16QAM	1	12	21.47	21.44	21.51		
5	16QAM	1	24	21.49	21.50	21.52		
5	16QAM	12	0	21.36	21.52	21.40	22.5	0.5
5	16QAM	12	7	21.35	21.35	21.37		
5	16QAM	12	13	21.35	21.40	21.33		
5	16QAM	25	0	21.32	21.43	21.18		
5	64QAM	1	0	21.19	21.44	21.29	22.5	0.5
5	64QAM	1	12	21.26	21.35	21.31		
5	64QAM	1	24	21.16	21.18	21.28		
5	64QAM	12	0	20.16	20.41	20.18	21.5	1.5
5	64QAM	12	7	20.29	20.30	20.28		
5	64QAM	12	13	20.22	20.17	20.19		
5	64QAM	25	0	20.10	20.25	20.12		
5	256QAM	1	0	17.58	17.80	17.72	19	4
5	256QAM	1	12	17.65	17.79	17.53		
5	256QAM	1	24	17.45	17.60	17.52		
5	256QAM	12	0	18.34	18.50	18.42	19	4
5	256QAM	12	7	18.31	18.46	18.38		
5	256QAM	12	13	18.21	18.29	18.23		
5	256QAM	25	0	18.22	18.46	18.29		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	21.39	21.57	21.53		
20	QPSK	1	49	21.40	21.41	21.45	22	0
20	QPSK	1	99	21.23	21.37	21.26		
20	QPSK	50	0	21.26	21.56	21.38		
20	QPSK	50	24	21.17	21.33	21.33	22	0
20	QPSK	50	50	21.17	21.30	21.26		
20	QPSK	100	0	21.20	21.38	21.35		
20	16QAM	1	0	21.44	21.50	21.49		
20	16QAM	1	49	21.36	21.26	21.33	22	0
20	16QAM	1	99	21.17	21.26	21.21		
20	16QAM	50	0	21.01	21.09	21.05		
20	16QAM	50	24	20.84	20.95	20.93	22	0
20	16QAM	50	50	20.93	20.88	20.90		
20	16QAM	100	0	20.84	21.15	21.00		
20	64QAM	1	0	21.19	21.52	21.51		
20	64QAM	1	49	21.24	21.27	21.19	22	0
20	64QAM	1	99	21.14	21.14	21.14		
20	64QAM	50	0	21.36	21.46	21.28		
20	64QAM	50	24	21.20	21.42	21.31	22	0
20	64QAM	50	50	21.13	21.39	21.32		
20	64QAM	100	0	21.36	21.36	21.44		
20	256QAM	1	0	18.83	19.00	18.85		
20	256QAM	1	49	18.79	19.00	18.76	20.5	1.5
20	256QAM	1	99	18.76	18.77	18.78		
20	256QAM	50	0	18.95	19.16	18.97		
20	256QAM	50	24	18.97	19.06	18.96	20.5	1.5
20	256QAM	50	50	18.89	18.95	18.94		
20	256QAM	100	0	19.00	19.15	18.96		
Channel				37825	38000	38175	Tune-up limit	MPR
Frequency (MHz)				2577.5	2595	2612.5	(dBm)	(dB)
15	QPSK	1	0	21.35	21.47	21.42		
15	QPSK	1	37	21.07	21.22	21.22	22	0
15	QPSK	1	74	21.13	21.31	21.29		
15	QPSK	36	0	21.15	21.32	21.45		
15	QPSK	36	20	21.26	21.20	21.23	22	0
15	QPSK	36	39	21.23	21.25	21.27		
15	QPSK	75	0	21.21	21.44	21.25		
15	16QAM	1	0	21.29	21.28	21.34		
15	16QAM	1	37	21.26	21.26	21.31	22	0
15	16QAM	1	74	21.11	21.13	21.24		
15	16QAM	36	0	20.90	20.97	20.74		
15	16QAM	36	20	20.76	20.92	20.94	22	0
15	16QAM	36	39	20.85	20.75	20.82		
15	16QAM	75	0	20.78	21.10	20.91		
15	64QAM	1	0	21.16	21.28	21.37		
15	64QAM	1	37	21.10	21.33	21.19	22	0
15	64QAM	1	74	21.01	21.04	21.09		
15	64QAM	36	0	21.36	21.41	21.29		
15	64QAM	36	20	21.17	21.21	21.19	22	0
15	64QAM	36	39	21.05	21.13	21.15		
15	64QAM	75	0	21.29	21.26	21.27		
15	256QAM	1	0	18.77	18.90	18.81		
15	256QAM	1	37	18.70	18.91	18.72	20.5	1.5
15	256QAM	1	74	18.67	18.74	18.74		
15	256QAM	36	0	18.86	19.11	18.92		
15	256QAM	36	20	18.93	18.94	18.86	20.5	1.5
15	256QAM	36	39	18.85	18.88	18.84		
15	256QAM	75	0	18.89	19.10	18.89		
Channel				37600	38000	38200	Tune-up limit	MPR
Frequency (MHz)				2572	2595	2615	(dBm)	(dB)
10	QPSK	1	0	21.37	21.38	21.49		
10	QPSK	1	25	21.21	21.27	21.22	22	0
10	QPSK	1	49	21.09	21.12	21.20		
10	QPSK	25	0	21.33	21.36	21.18		
10	QPSK	25	12	21.32	21.33	21.28	22	0
10	QPSK	25	25	21.05	21.13	21.10		
10	QPSK	50	0	21.16	21.43	21.16		
10	16QAM	1	0	21.21	21.49	21.20		
10	16QAM	1	25	21.33	21.13	21.06	22	0
10	16QAM	1	49	21.11	21.15	21.21		
10	16QAM	25	0	20.82	21.10	20.73		
10	16QAM	25	12	20.77	20.92	20.83	22	0
10	16QAM	25	25	20.87	20.74	20.71		
10	16QAM	50	0	20.86	21.12	20.74		
10	64QAM	1	0	21.29	21.30	21.38		
10	64QAM	1	25	21.18	21.26	21.30	22	0
10	64QAM	1	49	21.12	21.18	21.21		
10	64QAM	25	0	21.27	21.47	21.29		
10	64QAM	25	12	21.21	21.38	21.07	22	0
10	64QAM	25	25	21.09	21.17	21.17		
10	64QAM	50	0	21.27	21.37	21.25		
10	256QAM	1	0	18.76	18.92	18.70		
10	256QAM	1	25	18.64	18.91	18.72	20.5	1.5
10	256QAM	1	49	18.62	18.73	18.68		
10	256QAM	25	0	18.83	19.11	18.88		
10	256QAM	25	12	18.90	19.03	18.92	20.5	1.5
10	256QAM	25	25	18.77	18.94	18.87		
10	256QAM	50	0	18.91	19.04	18.86		
Channel				37775	38000	38225	Tune-up limit	MPR
Frequency (MHz)				2572.5	2595	2617.5	(dBm)	(dB)
5	QPSK	1	0	21.23	21.38	21.41		
5	QPSK	1	12	21.18	21.24	21.41	22	0
5	QPSK	1	24	21.18	21.22	21.24		
5	QPSK	12	0	21.23	21.31	21.35		
5	QPSK	12	7	21.19	21.17	21.20	22	0
5	QPSK	12	13	21.15	21.28	21.16		
5	QPSK	25	0	21.12	21.22	21.25		
5	16QAM	1	0	21.41	21.40	21.28		
5	16QAM	1	12	21.30	21.22	21.12	22	0
5	16QAM	1	24	21.01	21.21	21.10		
5	16QAM	12	0	20.94	21.14	20.87		
5	16QAM	12	7	20.74	20.81	20.92	22	0
5	16QAM	12	13	20.84	20.92	20.76		
5	16QAM	25	0	20.91	21.08	20.88		
5	64QAM	1	0	21.32	21.41	21.32		
5	64QAM	1	12	21.04	21.36	21.26	22	0
5	64QAM	1	24	21.01	21.11	20.99		
5	64QAM	12	0	21.23	21.48	21.37		
5	64QAM	12	7	21.11	21.29	21.17	22	0
5	64QAM	12	13	21.23	21.07	21.17		
5	64QAM	25	0	21.21	21.38	21.31		
5	256QAM	1	0	18.73	18.88	18.71		
5	256QAM	1	12	18.72	18.87	18.66	20.5	1.5
5	256QAM	1	24	18.64	18.73	18.70		
5	256QAM	12	0	18.87	19.09	18.90		
5	256QAM	12	7	18.82	19.01	18.84	20.5	1.5
5	256QAM	12	13	18.85	18.88	18.90		
5	256QAM	25	0	18.95	19.08	18.91		

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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	20.78	20.74	20.82	20.77	20.70		
20	QPSK	1	49	20.68	20.60	20.76	20.70	20.59	22	0
20	QPSK	1	99	20.64	20.62	20.69	20.66	20.56		
20	QPSK	50	0	20.58	20.66	20.69	20.65	20.67		
20	QPSK	50	24	20.52	20.64	20.62	20.64	20.57	22	0
20	QPSK	50	50	20.36	20.57	20.63	20.51	20.41		
20	QPSK	100	0	20.49	20.51	20.60	20.59	20.40		
20	16QAM	1	0	20.59	20.55	20.58	20.60	20.45		
20	16QAM	1	49	20.56	20.60	20.53	20.45	20.56	22	0
20	16QAM	1	99	20.37	20.42	20.50	20.37	20.30		
20	16QAM	50	0	20.69	20.81	20.61	20.76	20.76		
20	16QAM	50	24	20.63	20.80	20.67	20.75	20.58	22	0
20	16QAM	50	50	20.67	20.60	20.57	20.51	20.48		
20	16QAM	100	0	20.57	20.81	20.73	20.54	20.54		
20	64QAM	1	0	20.77	20.62	20.63	20.79	20.58		
20	64QAM	1	49	20.63	20.80	20.54	20.77	20.68	22	0
20	64QAM	1	99	20.60	20.74	20.52	20.58	20.60		
20	64QAM	50	0	20.56	20.56	20.64	20.53	20.60		
20	64QAM	50	24	20.66	20.78	20.56	20.81	20.61	22	0
20	64QAM	50	50	20.70	20.68	20.55	20.74	20.79		
20	64QAM	100	0	20.58	20.57	20.60	20.65	20.79		
20	256QAM	1	0	18.82	18.69	18.90	18.70	18.85		
20	256QAM	1	49	18.84	18.67	18.90	18.75	18.76	20	2
20	256QAM	1	99	18.63	18.63	18.73	18.71	18.58		
20	256QAM	50	0	18.96	18.87	19.03	18.90	18.94		
20	256QAM	50	24	18.81	18.79	18.84	18.82	18.82	20	2
20	256QAM	50	50	18.71	18.73	18.81	18.83	18.79		
20	256QAM	100	0	18.97	18.95	19.08	18.91	18.93		
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	20.62	20.57	20.69	20.60	20.52		
15	QPSK	1	37	20.44	20.43	20.51	20.46	20.36	22	0
15	QPSK	1	74	20.48	20.49	20.54	20.47	20.38		
15	QPSK	36	0	20.55	20.51	20.62	20.61	20.57		
15	QPSK	36	20	20.38	20.50	20.55	20.55	20.49	22	0
15	QPSK	36	39	20.30	20.53	20.59	20.40	20.29		
15	QPSK	75	0	20.46	20.46	20.55	20.48	20.26		
15	16QAM	1	0	20.54	20.49	20.52	20.46	20.34		
15	16QAM	1	37	20.44	20.55	20.49	20.32	20.44	22	0
15	16QAM	1	74	20.31	20.36	20.45	20.24	20.17		
15	16QAM	36	0	20.74	20.63	20.74	20.62	20.79		
15	16QAM	36	20	20.75	20.60	20.55	20.79	20.71	22	0
15	16QAM	36	39	20.40	20.52	20.57	20.59	20.47		
15	16QAM	75	0	20.60	20.61	20.54	20.81	20.73		
15	64QAM	1	0	20.57	20.75	20.58	20.81	20.77		
15	64QAM	1	37	20.65	20.67	20.70	20.69	20.51	22	0
15	64QAM	1	74	20.54	20.79	20.73	20.62	20.61		
15	64QAM	36	0	20.80	20.58	20.63	20.66	20.75		
15	64QAM	36	20	20.65	20.76	20.71	20.70	20.59	22	0
15	64QAM	36	39	20.61	20.61	20.76	20.64	20.66		
15	64QAM	75	0	20.76	20.78	20.58	20.77	20.65		
15	256QAM	1	0	18.69	18.64	18.84	18.56	18.80		
15	256QAM	1	37	18.71	18.63	18.85	18.62	18.65	20	2
15	256QAM	1	74	18.54	18.51	18.62	18.67	18.55		
15	256QAM	36	0	18.84	18.74	18.98	18.81	18.90		
15	256QAM	36	20	18.74	18.71	18.81	18.67	18.73	20	2
15	256QAM	36	39	18.68	18.65	18.73	18.72	18.75		
15	256QAM	75	0	18.90	18.82	19.03	18.81	18.83		
Channel				39700	40160	40620	41080	41540	Tune-up limit	MPR
Frequency (MHz)				2501	2547	2593	2639	2685	(dBm)	(dB)
10	QPSK	1	0	20.53	20.57	20.61	20.49	20.54		
10	QPSK	1	25	20.51	20.47	20.59	20.56	20.38	22	0
10	QPSK	1	49	20.47	20.40	20.50	20.45	20.36		
10	QPSK	25	0	20.51	20.51	20.60	20.51	20.57		
10	QPSK	25	12	20.37	20.49	20.51	20.57	20.54	22	0
10	QPSK	25	25	20.26	20.48	20.53	20.40	20.29		
10	QPSK	50	0	20.41	20.45	20.48	20.55	20.32		
10	16QAM	1	0	20.49	20.50	20.52	20.51	20.38		
10	16QAM	1	25	20.44	20.52	20.42	20.31	20.45	22	0
10	16QAM	1	49	20.30	20.35	20.46	20.25	20.18		
10	16QAM	25	0	20.68	20.71	20.79	20.66	20.75		
10	16QAM	25	12	20.73	20.77	20.65	20.50	20.63	22	0
10	16QAM	25	25	20.58	20.49	20.77	20.54	20.41		
10	16QAM	50	0	20.75	20.59	20.60	20.56	20.57		
10	64QAM	1	0	20.73	20.79	20.60	20.72	20.55		
10	64QAM	1	25	20.69	20.54	20.80	20.55	20.76	22	0
10	64QAM	1	49	20.65	20.55	20.75	20.75	20.63		
10	64QAM	25	0	20.76	20.75	20.66	20.75	20.79		
10	64QAM	25	12	20.62	20.76	20.72	20.66	20.50	22	0
10	64QAM	25	25	20.59	20.62	20.53	20.65	20.66		
10	64QAM	50	0	20.59	20.72	20.57	20.77	20.67		
10	256QAM	1	0	18.78	18.55	18.86	18.56	18.80		
10	256QAM	1	25	18.76	18.60	18.84	18.69	18.73	20	2
10	256QAM	1	49	18.55	18.49	18.70	18.66	18.50		
10	256QAM	25	0	18.82	18.72	18.98	18.79	18.80		
10	256QAM	25	12	18.69	18.68	18.80	18.79	18.75	20	2
10	256QAM	25	25	18.60	18.60	18.71	18.71	18.69		
10	256QAM	50	0	18.87	18.85	19.01	18.84	18.80		
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	20.56	20.61	20.66	20.62	20.55		
5	QPSK	1	12	20.47	20.38	20.58	20.45	20.35	22	0
5	QPSK	1	24	20.50	20.39	20.44	20.46	20.33		
5	QPSK	12	0	20.51	20.57	20.57	20.55	20.60		
5	QPSK	12	7	20.47	20.55	20.55	20.58	20.47	22	0
5	QPSK	12	13	20.30	20.51	20.56	20.45	20.33		
5	QPSK	25	0	20.41	20.37	20.56	20.49	20.36		
5	16QAM	1	0	20.52	20.52	20.52	20.46	20.34		
5	16QAM	1	12	20.44	20.46	20.40	20.33	20.51	22	0
5	16QAM	1	24	20.23	20.29	20.35	20.28	20.27		
5	16QAM	12	0	20.67	20.57	20.63	20.56	20.68		
5	16QAM	12	7	20.60	20.66	20.58	20.57	20.58	22	0
5	16QAM	12	13	20.54	20.60	20.66	20.46	20.59		
5	16QAM	25	0	20.75	20.56	20.78	20.61	20.54		
5	64QAM	1	0	20.52	20.69	20.54	20.79	20.78		
5	64QAM	1	12	20.77	20.67	20.79	20.72	20.52	22	0
5	64QAM	1	24	20.54	20.71	20.68	20.73	20.69		
5	64QAM	12	0	20.56	20.70	20.63	20.64	20.77		
5	64QAM	12	7	20.62	20.62	20.76	20.65	20.59	22	0
5	64QAM	12	13	20.55	20.69	20.75	20.59	20.69		
5	64QAM	25	0	20.58	20.52	20.75	20.57	20.71		
5	256QAM	1	0	18.75	18.60	18.79	18.57	18.70		
5	256QAM	1	12	18.70	18.56	18.79	18.63	18.65	20	2
5	256QAM	1	24	18.56	18.57	18.68	18.67	18.49		
5	256QAM	12	0	18.84	18.73	18.88	18.77	18.86		
5	256QAM	12	7	18.70	18.65	18.81	18.71	18.78	20	2
5	256QAM	12	13	18.57	18.69	18.73	18.72	18.64		
5	256QAM	25	0	18.87	18.87	19.01	18.82	18.83		

Band 41 HPUE FCC&IC DSI3_Standalone Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	22.63	22.68	22.70	22.66	22.57	23.6	0
20	QPSK	1	49	22.60	22.53	22.68	22.57	22.45		
20	QPSK	1	99	22.56	22.55	22.58	22.50	22.46		
20	QPSK	50	0	22.53	22.55	22.63	22.52	22.51		
20	QPSK	50	24	22.46	22.46	22.60	22.44	22.37		
20	QPSK	50	50	22.52	22.51	22.48	22.40	22.39		
20	QPSK	100	0	22.49	22.53	22.58	22.54	22.48		
20	16QAM	1	0	22.46	22.41	22.62	22.46	22.31		
20	16QAM	1	49	22.50	22.42	22.54	22.38	22.39	23.6	0
20	16QAM	1	99	22.52	22.41	22.52	22.36	22.33		
20	16QAM	50	0	22.34	22.48	22.53	22.30	22.40		
20	16QAM	50	24	22.29	22.44	22.44	22.43	22.39	23.6	0
20	16QAM	50	50	22.35	22.42	22.54	22.41	22.46		
20	16QAM	100	0	22.46	22.44	22.44	22.38	22.41		
20	64QAM	1	0	22.43	22.31	22.42	22.48	22.20		
20	64QAM	1	49	22.28	22.36	22.44	22.23	22.29	23.6	0
20	64QAM	1	99	22.43	22.38	22.33	22.30	22.31		
20	64QAM	50	0	22.25	22.27	22.44	22.33	22.43		
20	64QAM	50	24	22.17	22.21	22.36	22.14	22.34	23.6	0
20	64QAM	50	50	22.34	22.14	22.36	22.30	22.36		
20	64QAM	100	0	22.04	22.19	22.37	22.27	22.21		
20	256QAM	1	0	21.51	21.49	21.68	21.44	21.58		
20	256QAM	1	49	21.43	21.41	21.61	21.42	21.52	23	0.6
20	256QAM	1	99	21.30	21.36	21.55	21.41	21.51		
20	256QAM	50	0	21.37	21.38	21.52	21.34	21.45		
20	256QAM	50	24	21.27	21.23	21.46	21.24	21.39	23	0.6
20	256QAM	50	50	21.23	21.26	21.41	21.20	21.35		
20	256QAM	100	0	21.10	21.12	21.34	21.15	21.24		
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	22.53	22.53	22.59	22.58	22.45	23.60	0
15	QPSK	1	37	22.55	22.39	22.55	22.51	22.32		
15	QPSK	1	74	22.48	22.47	22.51	22.41	22.32		
15	QPSK	36	0	22.43	22.43	22.50	22.41	22.47		
15	QPSK	36	20	22.40	22.40	22.51	22.33	22.25	23.6	0
15	QPSK	36	39	22.44	22.41	22.36	22.31	22.29		
15	QPSK	75	0	22.42	22.48	22.50	22.48	22.36		
15	16QAM	1	0	22.39	22.33	22.57	22.42	22.19		
15	16QAM	1	37	22.42	22.30	22.47	22.33	22.32	23.6	0
15	16QAM	1	74	22.42	22.37	22.44	22.24	22.30		
15	16QAM	36	0	22.42	22.41	22.29	22.28	22.29		
15	16QAM	36	20	22.30	22.44	22.20	22.19	22.10	23.6	0
15	16QAM	36	39	22.26	22.25	22.19	22.29	22.22		
15	16QAM	75	0	22.23	22.54	22.60	22.51	22.28		
15	64QAM	1	0	22.18	22.15	22.40	22.35	22.09		
15	64QAM	1	37	22.35	22.21	22.40	22.25	22.21	23.6	0
15	64QAM	1	74	22.40	22.28	22.38	22.23	22.19		
15	64QAM	36	0	22.12	22.09	22.28	22.20	22.17		
15	64QAM	36	20	22.04	22.28	22.35	22.12	22.16	23.6	0
15	64QAM	36	39	22.07	22.08	22.30	22.10	22.39		
15	64QAM	75	0	22.00	22.05	22.19	22.07	22.02		
15	256QAM	1	0	21.44	21.44	21.54	21.33	21.45		
15	256QAM	1	37	21.29	21.29	21.56	21.28	21.46	23	0.6
15	256QAM	1	74	21.25	21.29	21.52	21.31	21.41		
15	256QAM	36	0	21.28	21.27	21.39	21.26	21.30		
15	256QAM	36	20	21.12	21.14	21.34	21.18	21.27	23	0.6
15	256QAM	36	39	21.14	21.22	21.37	21.12	21.30		
15	256QAM	75	0	21.06	21.19	21.21	21.00	21.10		
Channel				39700	40160	40620	41080	41540	Tune-up limit	MPR
Frequency (MHz)				2501	2547	2593	2639	2685	(dBm)	(dB)
10	QPSK	1	0	22.51	22.56	22.63	22.59	22.52	23.60	0
10	QPSK	1	25	22.53	22.42	22.59	22.51	22.37		
10	QPSK	1	49	22.50	22.47	22.46	22.35	22.35		
10	QPSK	25	0	22.50	22.49	22.57	22.38	22.42		
10	QPSK	25	12	22.32	22.42	22.51	22.41	22.28	23.6	0
10	QPSK	25	25	22.43	22.38	22.43	22.35	22.35		
10	QPSK	50	0	22.34	22.48	22.52	22.48	22.41		
10	16QAM	1	0	22.34	22.31	22.53	22.32	22.27		
10	16QAM	1	25	22.38	22.38	22.50	22.29	22.25	23.6	0
10	16QAM	1	49	22.49	22.37	22.48	22.28	22.29		
10	16QAM	25	0	22.20	22.27	22.56	22.43	22.32		
10	16QAM	25	12	22.21	22.46	22.42	22.11	22.27	23.6	0
10	16QAM	25	25	22.35	22.24	22.28	22.17	22.20		
10	16QAM	50	0	22.28	22.48	22.40	22.40	22.33		
10	64QAM	1	0	22.32	22.21	22.46	22.34	22.07		
10	64QAM	1	25	22.43	22.30	22.50	22.18	22.21	23.6	0
10	64QAM	1	49	22.34	22.11	22.38	22.35	22.17		
10	64QAM	25	0	22.12	22.23	22.41	22.26	22.28		
10	64QAM	25	12	22.20	22.16	22.36	22.09	22.32	23.6	0
10	64QAM	25	25	22.18	22.03	22.30	22.17	22.36		
10	64QAM	50	0	22.05	22.09	22.23	22.23	22.23		
10	256QAM	1	0	21.45	21.46	21.56	21.35	21.48		
10	256QAM	1	25	21.29	21.34	21.51	21.37	21.46	23	0.6
10	256QAM	1	49	21.26	21.25	21.47	21.33	21.42		
10	256QAM	25	0	21.33	21.29	21.44	21.25	21.41		
10	256QAM	25	12	21.21	21.11	21.32	21.16	21.33	23	0.6
10	256QAM	25	25	21.11	21.14	21.27	21.11	21.29		
10	256QAM	50	0	21.04	21.04	21.24	21.09	21.18		
Channel				39675	40148	40620	41093	41565	Tune-up limit	MPR
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5	(dBm)	(dB)
5	QPSK	1	0	22.56	22.58	22.67	22.53	22.43	23.60	0
5	QPSK	1	12	22.52	22.44	22.64	22.53	22.36		
5	QPSK	1	24	22.52	22.45	22.48	22.45	22.39		
5	QPSK	12	0	22.47	22.43	22.50	22.44	22.46		
5	QPSK	12	7	22.39	22.37	22.54	22.40	22.27	23.6	0
5	QPSK	12	13	22.48	22.42	22.38	22.32	22.32		
5	QPSK	25	0	22.41	22.41	22.50	22.44	22.42		
5	16QAM	1	0	22.35	22.27	22.57	22.37	22.25		
5	16QAM	1	12	22.46	22.32	22.43	22.32	22.26	23.6	0
5	16QAM	1	24	22.44	22.30	22.38	22.23	22.24		
5	16QAM	12	0	22.25	22.26	22.30	22.27	22.37		
5	16QAM	12	7	22.20	22.39	22.30	22.17	22.19	23.6	0
5	16QAM	12	13	22.33	22.31	22.31	22.36	22.33		
5	16QAM	25	0	22.25	22.45	22.52	22.30	22.27		
5	64QAM	1	0	22.43	22.32	22.58	22.32	22.22		
5	64QAM	1	12	22.23	22.31	22.40	22.24	22.13	23.6	0
5	64QAM	1	24	22.31	22.20	22.22	22.26	22.29		
5	64QAM	12	0	22.05	22.26	22.37	22.16	22.15		
5	64QAM	12	7	22.10	22.17	22.36	22.10	22.20	23.6	0
5	64QAM	12	13	22.13	22.05	22.32	22.23	22.38		
5	64QAM	25	0	22.03	22.07	22.20	22.10	22.23		
5	256QAM	1	0	21.38	21.34	21.57	21.39	21.48		
5	256QAM	1	12	21.33	21.36	21.50	21.28	21.49	23	0.6
5	256QAM	1	24	21.23	21.29	21.49	21.37	21.39		
5	256QAM	12	0	21.34	21.29	21.40	21.28	21.32		
5	256QAM	12	7	21.16	21.18	21.33	21.11	21.33	23	0.6
5	256QAM	12	13	21.14	21.13	21.33	21.12	21.31		
5	256QAM	25	0	21.01	21.06	21.21	21.03	21.16		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3580	3629	3641	3690		
20	QPSK	1	0	23.72	23.88	23.79	23.66	24	0
20	QPSK	1	49	23.56	23.76	23.61	23.54		
20	QPSK	1	99	23.56	23.65	23.58	23.60		
20	QPSK	50	0	23.64	23.74	23.57	23.53		
20	QPSK	50	24	23.48	23.66	23.49	23.50		
20	QPSK	50	50	23.49	23.49	23.45	23.37		
20	QPSK	100	0	23.52	23.68	23.59	23.48		
20	16QAM	1	0	23.67	23.84	23.73	23.52		
20	16QAM	1	49	23.65	23.74	23.66	23.62	24	0
20	16QAM	1	99	23.64	23.66	23.64	23.49		
20	16QAM	50	0	23.16	23.38	23.28	23.15		
20	16QAM	50	24	23.12	23.25	23.23	23.08	23.5	0.5
20	16QAM	50	50	23.09	23.14	23.14	23.10		
20	16QAM	100	0	23.27	23.44	23.36	23.13		
20	64QAM	1	0	23.14	23.36	23.23	23.13		
20	64QAM	1	49	23.14	23.17	23.14	23.07	23.5	0.5
20	64QAM	1	99	23.16	23.21	23.11	23.06		
20	64QAM	50	0	22.19	22.39	22.29	22.08		
20	64QAM	50	24	22.18	22.24	22.25	22.16	22.5	1.5
20	64QAM	50	50	22.16	22.15	22.15	22.08		
20	64QAM	100	0	22.26	22.35	22.30	22.18		
20	256QAM	1	0	20.01	20.20	20.01	19.94		
20	256QAM	1	49	19.97	20.20	19.96	19.91	20.5	3.5
20	256QAM	1	99	19.94	20.07	19.96	19.87		
20	256QAM	50	0	20.32	20.46	20.33	20.16		
20	256QAM	50	24	20.30	20.36	20.33	20.14	20.5	3.5
20	256QAM	50	50	20.22	20.28	20.25	20.16		
20	256QAM	100	0	20.43	20.34	20.40	20.34		
Channel				55315	55820	56160	56665	Tune-up limit	MPR
Frequency (MHz)				3557.5	3628	3642	3692.5	(dBm)	(dB)
15	QPSK	1	0	23.58	23.83	23.65	23.60	24	0
15	QPSK	1	37	23.49	23.62	23.51	23.42		
15	QPSK	1	74	23.52	23.51	23.50	23.51		
15	QPSK	36	0	23.54	23.69	23.49	23.42		
15	QPSK	36	20	23.33	23.62	23.35	23.37	24	0
15	QPSK	36	39	23.38	23.44	23.40	23.34		
15	QPSK	75	0	23.44	23.64	23.52	23.38		
15	16QAM	1	0	23.52	23.76	23.59	23.40		
15	16QAM	1	37	23.51	23.60	23.62	23.51	24	0
15	16QAM	1	74	23.59	23.51	23.50	23.45		
15	16QAM	36	0	23.05	23.31	23.14	23.01		
15	16QAM	36	20	23.01	23.10	23.18	22.96	23.5	0.5
15	16QAM	36	39	22.96	23.04	23.03	23.00		
15	16QAM	75	0	23.24	23.31	23.27	23.10		
15	64QAM	1	0	23.10	23.29	23.15	23.00		
15	64QAM	1	37	23.04	23.12	23.06	22.98	23.5	0.5
15	64QAM	1	74	23.02	23.13	23.01	22.99		
15	64QAM	36	0	22.07	22.24	22.16	21.97		
15	64QAM	36	20	22.12	22.11	22.14	22.02	22.5	1.5
15	64QAM	36	39	22.12	22.10	22.05	21.97		
15	64QAM	75	0	22.15	22.26	22.24	22.04		
15	256QAM	1	0	19.95	20.10	19.88	19.86		
15	256QAM	1	37	19.91	20.13	19.92	19.78	20.5	3.5
15	256QAM	1	74	19.85	19.93	19.86	19.76		
15	256QAM	36	0	20.23	20.38	20.29	20.11		
15	256QAM	36	20	20.16	20.25	20.29	20.02	20.5	3.5
15	256QAM	36	39	20.16	20.18	20.14	20.10		
15	256QAM	75	0	20.36	20.50	20.37	20.30		
Channel				55290	55815	56165	56690	Tune-up limit	MPR
Frequency (MHz)				3555	3627.5	3642.5	3695	(dBm)	(dB)
10	QPSK	1	0	23.65	23.74	23.67	23.61	24	0
10	QPSK	1	25	23.49	23.70	23.49	23.47		
10	QPSK	1	49	23.43	23.56	23.48	23.55		
10	QPSK	25	0	23.53	23.61	23.50	23.47		
10	QPSK	25	12	23.40	23.54	23.45	23.42	24	0
10	QPSK	25	25	23.45	23.37	23.31	23.27		
10	QPSK	50	0	23.40	23.62	23.53	23.44		
10	16QAM	1	0	23.59	23.80	23.65	23.46		
10	16QAM	1	25	23.51	23.64	23.62	23.47	24	0
10	16QAM	1	49	23.54	23.56	23.60	23.42		
10	16QAM	25	0	23.08	23.32	23.14	23.07		
10	16QAM	25	12	23.05	23.19	23.08	23.04	23.5	0.5
10	16QAM	25	25	23.01	22.99	23.04	23.03		
10	16QAM	50	0	23.12	23.35	23.27	23.09		
10	64QAM	1	0	23.00	23.29	23.14	22.99		
10	64QAM	1	25	23.07	23.06	23.10	23.03	23.5	0.5
10	64QAM	1	49	23.10	23.06	22.98	22.97		
10	64QAM	25	0	22.12	22.30	22.21	22.00		
10	64QAM	25	12	22.06	22.12	22.16	22.13	22.5	1.5
10	64QAM	25	25	22.13	22.11	22.06	21.93		
10	64QAM	50	0	22.20	22.25	22.20	22.15		
10	256QAM	1	0	19.87	20.05	19.92	19.84		
10	256QAM	1	25	19.86	20.07	19.91	19.87	20.5	3.5
10	256QAM	1	49	19.87	19.93	19.89	19.84		
10	256QAM	25	0	20.20	20.37	20.22	20.04		
10	256QAM	25	12	20.18	20.30	20.24	20.07	20.5	3.5
10	256QAM	25	25	20.17	20.17	20.17	20.07		
10	256QAM	50	0	20.31	20.40	20.32	20.29		
Channel				55265	55810	56170	56715	Tune-up limit	MPR
Frequency (MHz)				3552.5	3627	3643	3697.5	(dBm)	(dB)
5	QPSK	1	0	23.67	23.77	23.66	23.54	24	0
5	QPSK	1	12	23.43	23.69	23.50	23.45		
5	QPSK	1	24	23.53	23.59	23.55	23.55		
5	QPSK	12	0	23.56	23.71	23.48	23.45		
5	QPSK	12	7	23.44	23.60	23.38	23.36	24	0
5	QPSK	12	13	23.41	23.35	23.31	23.29		
5	QPSK	25	0	23.44	23.59	23.45	23.43		
5	16QAM	1	0	23.53	23.73	23.69	23.49		
5	16QAM	1	12	23.53	23.66	23.57	23.55	24	0
5	16QAM	1	24	23.55	23.61	23.49	23.40		
5	16QAM	12	0	23.02	23.29	23.24	23.00		
5	16QAM	12	7	22.99	23.15	23.16	23.01	23.5	0.5
5	16QAM	12	13	23.04	23.05	23.10	23.01		
5	16QAM	25	0	23.13	23.30	23.30	23.00		
5	64QAM	1	0	23.02	23.32	23.19	23.06		
5	64QAM	1	12	23.03	23.08	23.04	22.97	23.5	0.5
5	64QAM	1	24	23.09	23.17	23.08	22.98		
5	64QAM	12	0	22.05	22.28	22.17	22.03		
5	64QAM	12	7	22.14	22.17	22.23	22.11	22.5	1.5
5	64QAM	12	13	22.04	22.07	22.06	22.02		
5	64QAM	25	0	22.21	22.26	22.26	22.13		
5	256QAM	1	0	19.91	20.05	19.93	19.84		
5	256QAM	1	12	19.84	20.17	19.89	19.81	20.5	3.5
5	256QAM	1	24	19.80	19.98	19.89	19.77		
5	256QAM	12	0	20.27	20.37	20.19	20.08		
5	256QAM	12	7	20.21	20.23	20.28	20.07	20.5	3.5
5	256QAM	12	13	20.13	20.19	20.21	20.04		
5	256QAM	25	0	20.32	20.47	20.36	20.30		

GSM1900 Ant2

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	28.25	28.33	28.19	29.00	19.25	19.33	19.19	20.00
GPRS 1 Tx slot	28.23	28.28	28.13	29.00	19.23	19.28	19.13	20.00
GPRS 2 Tx slots	25.46	25.53	25.40	26.50	19.46	19.53	19.40	20.50
GPRS 3 Tx slots	23.98	24.13	24.00	25.00	19.72	19.87	19.74	20.74
GPRS 4 Tx slots	21.95	22.09	21.96	23.00	18.95	19.09	18.96	20.00
EDGE 1 Tx slot	23.59	23.64	23.61	24.50	14.59	14.64	14.61	15.50
EDGE 2 Tx slots	21.96	22.03	21.92	23.00	15.96	16.03	15.92	17.00
EDGE 3 Tx slots	20.78	20.85	20.70	21.50	16.52	16.59	16.44	17.24
EDGE 4 Tx slots	18.71	18.74	18.68	19.50	15.71	15.74	15.68	16.50

WCDMA II Ant2

Band		WCDMA II			Tune-up Limit (dBm)	WCDMA IV Ant2 WCDMA IV			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	21.50	21.55	21.46	22.60	21.42	21.44	21.37	23.00
3GPP Rel 99	RMC 12.2Kbps	21.54	21.59	21.49	22.60	21.47	21.53	21.44	23.00
3GPP Rel 6	HSDPA Subtest-1	20.63	20.74	20.40	21.60	20.57	20.66	20.52	22.00
3GPP Rel 6	HSDPA Subtest-2	20.56	20.65	20.53	21.60	20.47	20.61	20.43	22.00
3GPP Rel 6	HSDPA Subtest-3	20.01	20.17	20.04	21.10	19.91	20.04	19.95	21.50
3GPP Rel 6	HSDPA Subtest-4	20.02	20.16	20.09	21.10	19.98	20.06	20.05	21.50
3GPP Rel 8	DC-HSDPA Subtest-1	20.55	20.73	20.51	21.60	20.46	20.58	20.39	22.00
3GPP Rel 8	DC-HSDPA Subtest-2	20.34	20.41	20.40	21.60	20.29	20.37	20.31	22.00
3GPP Rel 8	DC-HSDPA Subtest-3	19.86	19.98	19.94	21.10	19.80	19.87	19.83	21.50
3GPP Rel 8	DC-HSDPA Subtest-4	19.93	19.96	19.89	21.10	19.78	19.90	19.84	21.50
3GPP Rel 6	HSUPA Subtest-1	20.59	20.72	20.71	21.60	20.49	20.65	20.60	22.00
3GPP Rel 6	HSUPA Subtest-2	18.59	18.60	18.45	19.60	18.46	18.49	18.39	20.00
3GPP Rel 6	HSUPA Subtest-3	19.58	19.62	19.60	20.60	19.49	19.51	19.48	21.00
3GPP Rel 6	HSUPA Subtest-4	18.43	18.57	18.41	19.60	18.38	18.44	18.33	20.00
3GPP Rel 6	HSUPA Subtest-5	20.60	20.62	20.58	21.60	20.46	20.53	20.49	22.00

Band 2 Default Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	21.12	21.24	21.07		
20	QPSK	1	49	21.00	21.06	20.92	22	0
20	QPSK	1	99	20.95	21.04	20.92		
20	QPSK	50	0	21.06	21.20	21.10		
20	QPSK	50	24	20.94	21.02	20.99	22	0
20	QPSK	50	50	20.88	21.01	20.96		
20	QPSK	100	0	21.01	21.12	21.03		
20	16QAM	1	0	21.06	21.17	21.06		
20	16QAM	1	49	20.94	21.03	20.99	22	0
20	16QAM	1	99	20.90	20.99	20.93		
20	16QAM	50	0	20.95	21.07	20.97		
20	16QAM	50	24	20.80	20.90	20.94	22	0
20	16QAM	50	50	20.76	20.88	20.81		
20	16QAM	100	0	20.90	21.09	20.90		
20	64QAM	1	0	20.97	21.18	21.10		
20	64QAM	1	49	21.01	21.07	21.02	22	0
20	64QAM	1	99	20.93	21.04	20.96		
20	64QAM	50	0	19.87	19.97	19.84		
20	64QAM	50	24	19.79	19.80	19.73	21	1
20	64QAM	50	50	19.71	19.74	19.75		
20	64QAM	100	0	19.90	19.94	19.98		
20	256QAM	1	0	18.07	18.24	18.07		
20	256QAM	1	49	18.05	18.20	17.99	19	3
20	256QAM	1	99	18.02	18.08	18.02		
20	256QAM	50	0	18.01	18.11	17.98		
20	256QAM	50	24	17.86	17.96	17.86	19	3
20	256QAM	50	50	17.86	17.95	17.86		
20	256QAM	100	0	17.82	17.99	17.90		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	21.01	21.18	20.92		
15	QPSK	1	37	20.92	20.99	20.84	22	0
15	QPSK	1	74	20.84	20.98	20.82		
15	QPSK	36	0	20.97	21.06	21.06		
15	QPSK	36	20	20.79	20.97	20.94	22	0
15	QPSK	36	39	20.81	20.92	20.85		
15	QPSK	75	0	20.96	21.07	20.97		
15	16QAM	1	0	21.01	21.04	20.92		
15	16QAM	1	37	20.90	20.93	20.86	22	0
15	16QAM	1	74	20.77	20.90	20.82		
15	16QAM	36	0	20.80	20.98	20.92		
15	16QAM	36	20	20.77	20.87	20.88	22	0
15	16QAM	36	39	20.61	20.79	20.69		
15	16QAM	75	0	20.76	20.99	20.82		
15	64QAM	1	0	20.86	21.07	21.04		
15	64QAM	1	37	20.88	20.99	20.95	22	0
15	64QAM	1	74	20.85	20.99	20.86		
15	64QAM	36	0	19.82	19.89	19.78		
15	64QAM	36	20	19.74	19.74	19.66	21	1
15	64QAM	36	39	19.59	19.63	19.64		
15	64QAM	75	0	19.77	19.86	19.86		
15	256QAM	1	0	18.00	18.10	18.00		
15	256QAM	1	37	18.00	18.10	17.88	19	3
15	256QAM	1	74	17.96	17.99	17.92		
15	256QAM	36	0	17.93	18.00	17.88		
15	256QAM	36	20	17.71	17.91	17.82	19	3
15	256QAM	36	39	17.83	17.91	17.82		
15	256QAM	75	0	17.77	17.92	17.86		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	20.98	21.10	20.99		
10	QPSK	1	25	20.97	21.02	20.85	22	0
10	QPSK	1	49	20.79	20.99	20.86		
10	QPSK	25	0	21.00	21.10	20.96		
10	QPSK	25	12	20.86	20.92	20.85	22	0
10	QPSK	25	25	20.82	20.96	20.91		
10	QPSK	50	0	20.86	21.02	20.88		
10	16QAM	1	0	21.03	21.08	20.97		
10	16QAM	1	25	20.88	20.90	20.91	22	0
10	16QAM	1	49	20.77	20.86	20.85		
10	16QAM	25	0	20.84	20.93	20.94		
10	16QAM	25	12	20.77	20.86	20.86	22	0
10	16QAM	25	25	20.65	20.75	20.78		
10	16QAM	50	0	20.81	20.96	20.77		
10	64QAM	1	0	20.90	21.14	21.06		
10	64QAM	1	25	20.89	20.99	20.99	22	0
10	64QAM	1	49	20.89	20.94	20.83		
10	64QAM	25	0	19.80	19.89	19.73		
10	64QAM	25	12	19.67	19.76	19.59	21	1
10	64QAM	25	25	19.62	19.71	19.62		
10	64QAM	50	0	19.85	19.86	19.85		
10	256QAM	1	0	18.02	18.19	17.98		
10	256QAM	1	25	17.99	18.11	17.87	19	3
10	256QAM	1	49	17.94	18.01	17.97		
10	256QAM	25	0	17.96	18.06	17.83		
10	256QAM	25	12	17.78	17.85	17.81	19	3
10	256QAM	25	25	17.81	17.85	17.80		
10	256QAM	50	0	17.72	17.95	17.76		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	21.06	21.11	20.97		
5	QPSK	1	12	20.93	20.94	20.85	22	0
5	QPSK	1	24	20.77	20.89	20.85		
5	QPSK	12	0	21.02	21.09	21.02		
5	QPSK	12	7	20.84	20.94	20.86	22	0
5	QPSK	12	13	20.79	20.93	20.83		
5	QPSK	25	0	20.95	21.07	20.94		
5	16QAM	1	0	20.93	21.12	21.03		
5	16QAM	1	12	20.86	20.92	20.92	22	0
5	16QAM	1	24	20.76	20.95	20.86		
5	16QAM	12	0	20.81	20.96	20.85		
5	16QAM	12	7	20.72	20.87	20.80	22	0
5	16QAM	12	13	20.69	20.81	20.74		
5	16QAM	25	0	20.82	20.95	20.79		
5	64QAM	1	0	20.86	21.09	21.02		
5	64QAM	1	12	20.98	20.92	20.94	22	0
5	64QAM	1	24	20.82	20.92	20.91		
5	64QAM	12	0	19.74	19.83	19.75		
5	64QAM	12	7	19.68	19.76	19.60	21	1
5	64QAM	12	13	19.63	19.63	19.68		
5	64QAM	25	0	19.82	19.85	19.85		
5	256QAM	1	0	18.00	18.15	17.94		
5	256QAM	1	12	18.01	18.16	17.92	19	3
5	256QAM	1	24	17.93	17.96	17.91		
5	256QAM	12	0	17.92	18.03	17.86		
5	256QAM	12	7	17.80	17.92	17.81	19	3
5	256QAM	12	13	17.75	17.80	17.79		
5	256QAM	25	0	17.71	17.88	17.82		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	20.98	21.14	20.96		
3	QPSK	1	8	20.95	20.91	20.88	22	0
3	QPSK	1	14	20.85	20.99	20.84		
3	QPSK	8	0	20.94	21.15	20.98		
3	QPSK	8	4	20.83	20.89	20.89	22	0
3	QPSK	8	7	20.78	20.96	20.87		
3	QPSK	15	0	20.88	21.00	20.90		
3	16QAM	1	0	20.99	21.08	20.95		
3	16QAM	1	8	20.83	20.93	20.92	22	0
3	16QAM	1	14	20.86	20.90	20.89		
3	16QAM	8	0	20.91	21.02	20.84		
3	16QAM	8	4	20.76	20.75	20.84	22	0
3	16QAM	8	7	20.63	20.74	20.69		
3	16QAM	15	0	20.79	20.95	20.83		
3	64QAM	1	0	20.93	21.06	21.05		
3	64QAM	1	8	20.96	20.93	20.99	22	0
3	64QAM	1	14	20.89	20.93	20.91		
3	64QAM	8	0	19.81	19.88	19.74		
3	64QAM	8	4	19.74	19.71	19.62	21	1
3	64QAM	8	7	19.59	19.67	19.62		
3	64QAM	15	0	19.78	19.85	19.94		
3	256QAM	1	0	18.00	18.12	17.99		
3	256QAM	1	8	18.00	18.13	17.89	19	3
3	256QAM	1	14	17.93	17.98	17.95		
3	256QAM	8	0	17.92	18.07	17.94		
3	256QAM	8	4	17.78	17.82	17.76	19	3
3	256QAM	8	7	17.82	17.90	17.80		
3	256QAM	15	0	17.76	17.91	17.82		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	21.03	21.16	20.96		
1.4	QPSK	1	3	20.93	20.96	20.85		
1.4	QPSK	1	5	20.81	20.95	20.86	22	0
1.4	QPSK	3	0	20.98	21.10	21.07		
1.4	QPSK	3	1	20.91	20.96	20.91		
1.4	QPSK	3	3	20.74	20.96	20.87		
1.4	QPSK	6	0	20.97	20.97	20.91	22	0
1.4	16QAM	1	0	21.00	21.05	20.97		
1.4	16QAM	1	3	20.81	20.88	20.92		
1.4	16QAM	1	5	20.83	20.89	20.87	22	0
1.4	16QAM	3	0	20.86	20.92	20.85		
1.4	16QAM	3	1	20.69	20.87	20.86		
1.4	16QAM	3	3	20.70	20.82	20.70		
1.4	16QAM	6	0	20.75	20.96	20.83	22	0
1.4	64QAM	1	0	20.85	21.05	20.96		
1.4	64QAM	1	3	20.94	20.93	20.93		
1.4	64QAM	1	5	20.89	20.93	20.84	22	0
1.4	64QAM	3	0	20.85	20.95	20.86		
1.4	64QAM	3	1	20.89	21.12	21.01		
1.4	64QAM	3	3	20.95	21.01	20.90		
1.4	64QAM	6	0	19.83	19.88	19.72	21	1
1.4	256QAM	1	0	17.95	18.10	17.93		
1.4	256QAM	1	3	17.95	18.18	17.89		
1.4	256QAM	1	5	17.92	17.97	17.97	19	3
1.4	256QAM	3	0	17.97	17.96	17.84		
1.4	256QAM	3	1	17.83	17.91	17.72		
1.4	256QAM	3	3	17.81	17.89	17.77		
1.4	256QAM	6	0	17.71	17.92	17.78	19	3

Band 4 Default Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	21.16	21.30	21.12		
20	QPSK	1	49	20.99	21.11	20.94	22	0
20	QPSK	1	99	20.98	21.14	20.88		
20	QPSK	50	0	21.06	21.19	21.02		
20	QPSK	50	24	21.00	21.10	20.99	22	0
20	QPSK	50	50	20.98	20.97	20.94		
20	QPSK	100	0	21.06	21.16	21.06		
20	16QAM	1	0	21.08	21.26	21.10		
20	16QAM	1	49	21.03	21.17	21.02	22	0
20	16QAM	1	99	20.95	21.10	21.05		
20	16QAM	50	0	21.12	21.24	21.15		
20	16QAM	50	24	20.99	21.06	21.05	22	0
20	16QAM	50	50	20.96	21.05	20.97		
20	16QAM	100	0	21.06	21.21	21.05		
20	64QAM	1	0	21.06	21.21	21.06		
20	64QAM	1	49	21.03	21.08	21.02	22	0
20	64QAM	1	99	20.90	21.03	20.99		
20	64QAM	50	0	19.92	20.03	19.90		
20	64QAM	50	24	19.83	19.93	19.81	21	1
20	64QAM	50	50	19.82	19.79	19.75		
20	64QAM	100	0	19.87	19.94	19.95		
20	256QAM	1	0	18.06	18.26	18.17		
20	256QAM	1	49	18.03	18.26	18.10	19	3
20	256QAM	1	99	18.05	18.06	18.00		
20	256QAM	50	0	17.94	18.15	18.02		
20	256QAM	50	24	17.96	17.99	17.98	19	3
20	256QAM	50	50	17.87	17.97	17.86		
20	256QAM	100	0	17.92	18.05	17.89		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	21.01	21.25	20.98		
15	QPSK	1	37	20.87	21.07	20.82	22	0
15	QPSK	1	74	20.90	21.07	20.83		
15	QPSK	36	0	20.95	21.07	20.93		
15	QPSK	36	20	20.88	21.03	20.92	22	0
15	QPSK	36	39	20.84	20.91	20.84		
15	QPSK	75	0	20.92	21.07	20.99		
15	16QAM	1	0	20.94	21.15	21.03		
15	16QAM	1	37	21.00	21.03	20.94	22	0
15	16QAM	1	74	20.81	20.97	20.87		
15	16QAM	36	0	21.03	21.10	21.02		
15	16QAM	36	20	20.89	21.02	21.00	22	0
15	16QAM	36	39	20.83	21.01	20.94		
15	16QAM	75	0	20.92	21.06	20.98		
15	64QAM	1	0	20.96	21.14	20.91		
15	64QAM	1	37	20.95	21.04	20.94	22	0
15	64QAM	1	74	20.80	21.00	20.91		
15	64QAM	36	0	19.88	20.00	19.80		
15	64QAM	36	20	19.72	19.88	19.74	21	1
15	64QAM	36	39	19.74	19.66	19.60		
15	64QAM	75	0	19.75	19.80	19.87		
15	256QAM	1	0	18.00	18.17	18.03		
15	256QAM	1	37	17.94	18.16	18.07	19	3
15	256QAM	1	74	17.90	17.96	17.95		
15	256QAM	36	0	17.81	18.01	17.92		
15	256QAM	36	20	17.83	17.88	17.94	19	3
15	256QAM	36	39	17.80	17.82	17.80		
15	256QAM	75	0	17.80	17.96	17.79		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	21.02	21.16	21.04		
10	QPSK	1	25	20.95	20.98	20.83	22	0
10	QPSK	1	49	20.94	20.96	20.73		
10	QPSK	25	0	20.91	21.16	20.91		
10	QPSK	25	12	20.95	20.99	20.90	22	0
10	QPSK	25	25	20.83	20.84	20.80		
10	QPSK	50	0	20.91	21.12	20.92		
10	16QAM	1	0	21.01	21.16	20.99		
10	16QAM	1	25	20.93	21.10	20.98	22	0
10	16QAM	1	49	20.86	21.01	20.92		
10	16QAM	25	0	21.00	21.18	21.09		
10	16QAM	25	12	20.84	21.02	20.98	22	0
10	16QAM	25	25	20.82	20.99	20.89		
10	16QAM	50	0	20.93	21.06	21.02		
10	64QAM	1	0	20.99	21.15	20.98		
10	64QAM	1	25	20.97	21.01	20.88	22	0
10	64QAM	1	49	20.81	20.96	20.89		
10	64QAM	25	0	19.83	19.90	19.87		
10	64QAM	25	12	19.69	19.86	19.68	21	1
10	64QAM	25	25	19.74	19.64	19.69		
10	64QAM	50	0	19.76	19.86	19.82		
10	256QAM	1	0	18.03	18.16	18.05		
10	256QAM	1	25	17.89	18.18	18.04	19	3
10	256QAM	1	49	17.94	17.91	17.90		
10	256QAM	25	0	17.83	18.02	17.91		
10	256QAM	25	12	17.87	17.81	17.89	19	3
10	256QAM	25	25	17.78	17.90	17.82		
10	256QAM	50	0	17.81	17.95	17.85		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	21.04	21.24	21.03		
5	QPSK	1	12	20.96	21.03	20.87	22	0
5	QPSK	1	24	20.91	21.07	20.84		
5	QPSK	12	0	20.93	21.06	20.98		
5	QPSK	12	7	20.94	21.03	20.90	22	0
5	QPSK	12	13	20.94	20.87	20.86		
5	QPSK	25	0	20.92	21.08	20.93		
5	16QAM	1	0	21.04	21.17	21.04		
5	16QAM	1	12	20.93	21.01	20.91	22	0
5	16QAM	1	24	20.85	20.96	20.91		
5	16QAM	12	0	20.99	21.16	21.03		
5	16QAM	12	7	20.87	20.91	20.93	22	0
5	16QAM	12	13	20.89	20.84	20.91		
5	16QAM	25	0	20.91	21.13	20.93		
5	64QAM	1	0	20.99	21.06	20.97		
5	64QAM	1	12	20.97	20.96	20.94	22	0
5	64QAM	1	24	20.82	20.92	20.91		
5	64QAM	12	0	19.82	19.89	19.87		
5	64QAM	12	7	19.73	19.82	19.76	21	1
5	64QAM	12	13	19.74	19.73	19.67		
5	64QAM	25	0	19.75	19.84	19.82		
5	256QAM	1	0	18.00	18.18	18.11		
5	256QAM	1	12	17.88	18.18	18.04	19	3
5	256QAM	1	24	17.95	17.95	17.89		
5	256QAM	12	0	17.87	18.03	17.90		
5	256QAM	12	7	17.93	17.92	17.88	19	3
5	256QAM	12	13	17.82	17.84	17.79		
5	256QAM	25	0	17.86	18.01	17.74		
Channel				19925	20175	20425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	21.04	21.17	21.03		
3	QPSK	1	8	20.87	21.01	20.80	22	0
3	QPSK	1	14	20.90	21.06	20.81		
3	QPSK	8	0	21.00	21.15	20.91		
3	QPSK	8	4	20.90	21.02	20.87	22	0
3	QPSK	8	7	20.84	20.85	20.83		
3	QPSK	15	0	20.87	21.03	20.99		
3	16QAM	1	0	20.95	21.22	20.97		
3	16QAM	1	8	20.96	21.06	20.99	22	0
3	16QAM	1	14	20.90	21.01	21.00		
3	16QAM	8	0	21.03	21.20	21.04		
3	16QAM	8	4	20.89	20.96	20.94	22	0
3	16QAM	8	7	20.93	20.91	20.83		
3	16QAM	15	0	21.03	21.15	21.00		
3	64QAM	1	0	21.03	21.15	21.02		
3	64QAM	1	8	20.99	20.95	20.92	22	0
3	64QAM	1	14	20.80	20.97	20.85		
3	64QAM	8	0	19.79	19.95	19.78		
3	64QAM	8	4	19.79	19.82	19.78	21	1
3	64QAM	8	7	19.75	19.67	19.67		
3	64QAM	15	0	19.80	19.84	19.81		
3	256QAM	1	0	18.02	18.14	18.10		
3	256QAM	1	8	17.91	18.17	17.96	19	3
3	256QAM	1	14	17.99	17.94	17.97		
3	256QAM	8	0	17.81	18.00	17.91		
3	256QAM	8	4	17.88	17.93	17.90	19	3
3	256QAM	8	7	17.83	17.83	17.82		
3	256QAM	15	0	17.82	17.93	17.82		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	21.08	21.16	21.06		
1.4	QPSK	1	3	20.94	21.02	20.90		
1.4	QPSK	1	5	20.84	21.05	20.78	22	0
1.4	QPSK	3	0	20.95	21.10	20.91		
1.4	QPSK	3	1	20.94	20.97	20.87		
1.4	QPSK	3	3	20.95	20.83	20.87		
1.4	QPSK	6	0	20.90	21.10	20.95	22	0
1.4	16QAM	1	0	21.04	21.22	20.97		
1.4	16QAM	1	3	20.96	21.09	20.94		
1.4	16QAM	1	5	20.90	21.04	20.93	22	0
1.4	16QAM	3	0	21.03	21.12	21.02		
1.4	16QAM	3	1	20.88	21.00	20.97		
1.4	16QAM	3	3	20.83	20.93	20.89		
1.4	16QAM	6	0	20.98	21.17	20.92	22	0
1.4	64QAM	1	0	21.04	21.12	20.99		
1.4	64QAM	1	3	20.91	21.05	20.88		
1.4	64QAM	1	5	20.82	20.93	20.94	22	0
1.4	64QAM	3	0	20.95	21.08	20.95		
1.4	64QAM	3	1	21.05	21.11	20.93		
1.4	64QAM	3	3	20.98	20.96	20.98		
1.4	64QAM	6	0	19.70	19.90	19.73	21	1
1.4	256QAM	1	0	18.02	18.18	18.09		
1.4	256QAM	1	3	17.94	18.16	17.97		
1.4	256QAM	1	5	18.01	17.97	17.94	19	3
1.4	256QAM	3	0	17.84	18.11	17.95		
1.4	256QAM	3	1	17.93	17.94	17.92		
1.4	256QAM	3	3	17.75	17.92	17.82		
1.4	256QAM	6	0	17.88	17.90	17.82	19	3

Band 5 Default Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.11	22.16	22.07		
10	QPSK	1	25	21.94	22.03	21.89	23	0
10	QPSK	1	49	21.85	22.00	21.78		
10	QPSK	25	0	21.94	22.15	21.96		
10	QPSK	25	12	21.85	22.00	21.88	23	0
10	QPSK	25	25	21.93	21.86	21.84		
10	QPSK	50	0	21.97	22.06	21.95		
10	16QAM	1	0	21.97	22.14	22.07		
10	16QAM	1	25	21.93	22.14	21.92	23	0
10	16QAM	1	49	21.81	21.95	21.93		
10	16QAM	25	0	22.06	22.09	22.11		
10	16QAM	25	12	21.93	21.98	21.91	23	0
10	16QAM	25	25	21.84	22.01	21.85		
10	16QAM	50	0	21.98	22.07	22.00		
10	64QAM

Band 12 Default Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	22.51	22.59	22.50	24	0
10	QPSK	1	25	22.40	22.42	22.31		
10	QPSK	1	49	22.26	22.40	22.18		
10	QPSK	25	0	22.40	22.55	22.40	24	0
10	QPSK	25	12	22.30	22.45	22.27		
10	QPSK	25	25	22.29	22.32	22.24		
10	QPSK	50	0	22.34	22.41	22.37		
10	16QAM	1	0	22.41	22.51	22.53	24	0
10	16QAM	1	25	22.39	22.52	22.38		
10	16QAM	1	49	22.18	22.40	22.39		
10	16QAM	25	0	22.51	22.52	22.54	24	0
10	16QAM	25	12	22.29	22.41	22.35		
10	16QAM	25	25	22.27	22.36	22.30		
10	16QAM	50	0	22.40	22.51	22.38		
10	64QAM	1	0	22.40	22.44	22.34	24	0
10	64QAM	1	25	22.39	22.41	22.32		
10	64QAM	1	49	22.14	22.41	22.29		
10	64QAM	25	0	21.24	21.36	21.17	22.5	1.5
10	64QAM	25	12	21.13	21.21	21.06		
10	64QAM	25	25	21.09	21.06	21.04		
10	64QAM	50	0	21.25	21.30	21.19		
10	256QAM	1	0	19.32	19.60	19.48	21	3
10	256QAM	1	25	19.35	19.58	19.51		
10	256QAM	1	49	19.34	19.36	19.43		
10	256QAM	25	0	19.24	19.45	19.44	21	3
10	256QAM	25	12	19.34	19.28	19.32		
10	256QAM	25	25	19.12	19.28	19.19		
10	256QAM	50	0	19.26	19.33	19.17		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.43	22.48	22.39	24	0
5	QPSK	1	12	22.33	22.28	22.20		
5	QPSK	1	24	22.14	22.40	22.04		
5	QPSK	12	0	22.29	22.50	22.37	24	0
5	QPSK	12	7	22.25	22.31	22.15		
5	QPSK	12	13	22.24	22.26	22.17		
5	QPSK	25	0	22.22	22.27	22.32		
5	16QAM	1	0	22.35	22.48	22.38	24	0
5	16QAM	1	12	22.25	22.45	22.27		
5	16QAM	1	24	22.08	22.30	22.33		
5	16QAM	12	0	22.47	22.43	22.51	24	0
5	16QAM	12	7	22.18	22.28	22.25		
5	16QAM	12	13	22.15	22.25	22.24		
5	16QAM	25	0	22.37	22.43	22.23		
5	64QAM	1	0	22.25	22.39	22.29	24	0
5	64QAM	1	12	22.29	22.37	22.28		
5	64QAM	1	24	22.05	22.32	22.21		
5	64QAM	12	0	21.17	21.31	21.05	22.5	1.5
5	64QAM	12	7	21.02	21.15	20.97		
5	64QAM	12	13	21.02	20.92	20.89		
5	64QAM	25	0	21.13	21.16	21.15		
5	256QAM	1	0	19.21	19.48	19.38	21	3
5	256QAM	1	12	19.20	19.48	19.48		
5	256QAM	1	24	19.25	19.28	19.33		
5	256QAM	12	0	19.11	19.35	19.38	21	3
5	256QAM	12	7	19.20	19.15	19.26		
5	256QAM	12	13	19.02	19.20	19.12		
5	256QAM	25	0	19.12	19.22	19.09		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.40	22.52	22.46	24	0
3	QPSK	1	8	22.33	22.37	22.26		
3	QPSK	1	14	22.11	22.43	22.08		
3	QPSK	8	0	22.32	22.48	22.29	24	0
3	QPSK	8	4	22.19	22.34	22.21		
3	QPSK	8	7	22.21	22.18	22.11		
3	QPSK	15	0	22.21	22.37	22.25		
3	16QAM	1	0	22.26	22.39	22.46	24	0
3	16QAM	1	8	22.31	22.38	22.32		
3	16QAM	1	14	22.05	22.26	22.32		
3	16QAM	8	0	22.37	22.41	22.40	24	0
3	16QAM	8	4	22.18	22.33	22.29		
3	16QAM	8	7	22.13	22.29	22.16		
3	16QAM	15	0	22.36	22.39	22.25		
3	64QAM	1	0	22.27	22.31	22.21	24	0
3	64QAM	1	8	22.34	22.38	22.28		
3	64QAM	1	14	22.06	22.28	22.20		
3	64QAM	8	0	21.12	21.27	21.02	22.5	1.5
3	64QAM	8	4	21.04	21.12	20.95		
3	64QAM	8	7	20.98	21.00	20.99		
3	64QAM	15	0	21.19	21.24	21.12		
3	256QAM	1	0	19.29	19.45	19.41	21	3
3	256QAM	1	8	19.27	19.51	19.37		
3	256QAM	1	14	19.24	19.31	19.35		
3	256QAM	8	0	19.10	19.31	19.36	21	3
3	256QAM	8	4	19.24	19.15	19.17		
3	256QAM	8	7	19.09	19.23	19.09		
3	256QAM	15	0	19.20	19.26	19.12		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.41	22.54	22.38	24	0
1.4	QPSK	1	3	22.30	22.28	22.27		
1.4	QPSK	1	5	22.20	22.42	22.04		
1.4	QPSK	3	0	22.34	22.50	22.28		
1.4	QPSK	3	1	22.20	22.39	22.23		
1.4	QPSK	3	3	22.17	22.20	22.20		
1.4	QPSK	6	0	22.23	22.34	22.32	24	0
1.4	16QAM	1	0	22.32	22.45	22.40	24	0
1.4	16QAM	1	3	22.28	22.47	22.25		
1.4	16QAM	1	5	22.04	22.37	22.33		
1.4	16QAM	3	0	22.47	22.47	22.40		
1.4	16QAM	3	1	22.25	22.31	22.25		
1.4	16QAM	3	3	22.17	22.32	22.26		
1.4	16QAM	6	0	22.26	22.43	22.35	24	0
1.4	64QAM	1	0	22.35	22.37	22.29	24	0
1.4	64QAM	1	3	22.25	22.29	22.26		
1.4	64QAM	1	5	22.01	22.33	22.19		
1.4	64QAM	3	0	22.38	22.38	22.40		
1.4	64QAM	3	1	22.16	22.32	22.22		
1.4	64QAM	3	3	22.15	22.29	22.21		
1.4	64QAM	6	0	21.19	21.29	21.11	22.5	1.5
1.4	256QAM	1	0	19.26	19.57	19.36	21	3
1.4	256QAM	1	3	19.22	19.55	19.47		
1.4	256QAM	1	5	19.26	19.22	19.35		
1.4	256QAM	3	0	19.10	19.34	19.30		
1.4	256QAM	3	1	19.21	19.18	19.19		
1.4	256QAM	3	3	19.08	19.20	19.14		
1.4	256QAM	6	0	19.17	19.23	19.09	21	3

Band 13 Default Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		22.53		24	0
10	QPSK	1	25		22.40			
10	QPSK	1	49		22.43			
10	QPSK	25	0		22.45		24	0
10	QPSK	25	12		22.35			
10	QPSK	25	25		22.26			
10	QPSK	50	0		22.32			
10	16QAM	1	0		22.48		24	0
10	16QAM	1	25		22.47			
10	16QAM	1	49		22.40			
10	16QAM	25	0		22.44		24	0
10	16QAM	25	12		22.35			
10	16QAM	25	25		22.26			
10	16QAM	50	0		22.45			
10	64QAM	1	0		22.38		24	0
10	64QAM	1	25		22.42			
10	64QAM	1	49		22.41			
10	64QAM	25	0		21.30		22.5	1.5
10	64QAM	25	12		21.20			
10	64QAM	25	25		21.04			
10	64QAM	50	0		21.26			
10	256QAM	1	0		19.60		21	3
10	256QAM	1	25		19.59			
10	256QAM	1	49		19.30			
10	256QAM	25	0		19.42		21	3
10	256QAM	25	12		19.26			
10	256QAM	25	25		19.24			
10	256QAM	50	0		19.28			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.47	22.50	22.44	24	0
5	QPSK	1	12	22.33	22.35	22.39		
5	QPSK	1	24	22.34	22.44	22.44		
5	QPSK	12	0	22.41	22.37	22.40	24	0
5	QPSK	12	7	22.25	22.26	22.28		
5	QPSK	12	13	22.23	22.21	22.21		
5	QPSK	25	0	22.22	22.30	22.30		
5	16QAM	1	0	22.42	22.46	22.43	24	0
5	16QAM	1	12	22.38	22.44	22.46		
5	16QAM	1	24	22.34	22.33	22.41		
5	16QAM	12	0	22.41	22.41	22.40	24	0
5	16QAM	12	7	22.31	22.33	22.31		
5	16QAM	12	13	22.17	22.25	22.19		
5	16QAM	25	0	22.41	22.47	22.46		
5	64QAM	1	0	22.31	22.30	22.29	24	0
5	64QAM	1	12	22.37	22.42	22.35		
5	64QAM	1	24	22.33	22.32	22.35		
5	64QAM	12	0	21.28	21.27	21.25	22.5	1.5
5	64QAM	12	7	21.11	21.20	21.17		
5	64QAM	12	13	20.96	20.97	21.01		
5	64QAM	25	0	21.17	21.25	21.28		
5	256QAM	1	0	19.52	19.51	19.53	21	3
5	256QAM	1	12	19.49	19.53	19.50		
5	256QAM	1	24	19.25	19.29	19.24		
5	256QAM	12	0	19.36	19.43	19.35	21	3
5	256QAM	12	7	19.22	19.24	19.26		
5	256QAM	12	13	19.17	19.20	19.17		
5	256QAM	25	0	19.27	19.18	19.30		

Band 14 Default Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23330			
Frequency (MHz)					793			
10	QPSK	1	0		22.62		24	0
10	QPSK	1	25		22.47			
10	QPSK	1	49		22.51			
10	QPSK	25	0		22.50		24	0
10	QPSK	25	12		22.36			
10	QPSK	25	25		22.35			
10	QPSK	50	0		22.44			
10	16QAM	1	0		22.49		24	0
10	16QAM	1	25		22.48			
10	16QAM	1	49		22.49			
10	16QAM	25	0		22.52		24	0
10	16QAM	25	12		22.41			
10	16QAM	25	25		22.28			
10	16QAM	50	0		22.56			
10	64QAM	1	0		22.41		24	0
10	64QAM	1	25		22.49			
10	64QAM	1	49		22.45			
10	64QAM	25	0		21.32		22.5	1.5
10	64QAM	25	12		21.22			
10	64QAM	25	25		21.08			
10	64QAM	50	0		21.29			
10	256QAM	1	0		19.62		21	3
10	256QAM	1	25		19.68			
10	256QAM	1	49		19.31			
10	256QAM	25	0		19.48		21	3
10	256QAM	25	12		19.29			
10	256QAM	25	25		19.33			
10	256QAM	50	0		19.37			
Channel				23305	23330	23355	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	0	22.51	22.57	22.47	24	0
5	QPSK	1	12	22.32	22.33	22.36		
5	QPSK	1	24	22.45	22.42	22.46		
5	QPSK	12	0	22.39	22.43	22.41	24	0
5	QPSK	12	7	22.27	22.30	22.31		
5	QPSK	12	13	22.30	22.23	22.25		
5	QPSK	25	0	22.32	22.37	22.37		
5	16QAM	1	0	22.41	22.37	22.40	24	0
5	16QAM	1	12	22.39	22.38	22.39		
5	16QAM	1	24	22.44	22.44	22.41		
5	16QAM	12	0	22.43	22.48	22.49	24	0
5	16QAM	12	7	22.27	22.28	22.35		
5	16QAM	12	13	22.18	22.21	22.25		
5	16QAM	25	0	22.42	22.48	22.50		
5	64QAM	1	0	22.28	22.37	22.28	24	0
5	64QAM	1	12	22.41	22.40	22.45		
5	64QAM	1	24	22.38	22.41	22.39		
5	64QAM	12	0	21.21	21.27	21.20	22.5	1.5
5	64QAM	12	7	21.08	21.18	21.13		
5	64QAM	12	13	21.01	21.02	21.02		
5	64QAM	25	0	21.16	21.15	21.18		
5	256QAM	1	0	19.51	19.52	19.57	21	3
5	256QAM	1	12	19.64	19.60	19.58		
5	256QAM	1	24	19.21	19.16	19.27		
5	256QAM	12	0	19.44	19.33	19.34	21	3
5	256QAM	12	7	19.20	19.22	19.14		
5	256QAM	12	13	19.21	19.29	19.20		
5	256QAM	25	0	19.31	19.33	19.24		

Band 17 Default Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	22.45	22.48	22.41	24	0
10	QPSK	1	25	22.38	22.29	22.34		
10	QPSK	1	49	22.31	22.34	22.40		
10	QPSK	25	0	22.35	22.39	22.31	24	0
10	QPSK	25	12	22.18	22.24	22.23		
10	QPSK	25	25	22.21	22.23	22.17		
10	QPSK	50	0	22.29	22.31	22.24		
10	16QAM	1	0	22.30	22.35	22.32	24	0
10	16QAM	1	25	22.28	22.38	22.39		
10	16QAM	1	49	22.17	22.31	22.30		
10	16QAM	25	0	22.34	22.42	22.32	24	0
10	16QAM	25	12	22.32	22.22	22.31		
10	16QAM	25	25	22.13	22.10	22.08		
10	16QAM	50	0	22.36	22.41	22.43		
10	64QAM	1	0	22.27	22.30	22.32	24	0
10	64QAM	1	25	22.31	22.35	22.33		
10	64QAM	1	49	22.30	22.35	22.27		
10	64QAM	25	0	21.21	21.20	21.23	22.5	1.5
10	64QAM	25	12	21.05	21.11	21.05		
10	64QAM	25	25	20.89	20.96	20.98		
10	64QAM	50	0	21.21	21.13	21.12		
10	256QAM	1	0	19.46	19.48	19.43	21	3
10	256QAM	1	25	19.60	19.57	19.50		
10	256QAM	1	49	19.23	19.32	19.27		
10	256QAM	25	0	19.33	19.30	19.34	21	3
10	256QAM	25	12	19.10	19.20	19.21		
10	256QAM	25	25	19.14	19.16	19.20		
10	256QAM	50	0	19.19	19.17	19.28		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.39	22.45	22.29	24	0
5	QPSK	1	12	22.34	22.16	22.20		
5	QPSK	1	24	22.17	22.26	22.32		
5	QPSK	12	0	22.27	22.28	22.17	24	0
5	QPSK	12	7	22.08	22.12	22.12		
5	QPSK	12	13	22.16	22.15	22.04		
5	QPSK	25	0	22.20	22.21	22.14		
5	16QAM	1	0	22.21	22.26	22.18	24	0
5	16QAM	1	12	22.28	22.25	22.27		
5	16QAM	1	24	22.27	22.24	22.28		
5	16QAM	12	0	22.25	22.28	22.23	24	0
5	16QAM	12	7	22.19	22.12	22.24		
5	16QAM	12	13	22.08	22.01	22.01		
5	16QAM	25	0	22.21	22.34	22.31		
5	64QAM	1	0	22.22	22.19	22.19	24	0
5	64QAM	1	12	22.24	22.29	22.25		
5	64QAM	1	24	22.27	22.23	22.18		
5	64QAM	12	0	21.14	21.08	21.11	22.5	1.5
5	64QAM	12	7	20.99	21.00	20.95		
5	64QAM	12	13	20.83	20.84	20.85		
5	64QAM	25	0	21.12	21.00	20.99		
5	256QAM	1	0	19.33	19.39	19.36	21	3
5	256QAM	1	12	19.53	19.47	19.35		
5	256QAM	1	24	19.09	19.19	19.24		
5	256QAM	12	0	19.26	19.21	19.24	21	3
5	256QAM	12	7	18.96	19.12	19.10		
5	256QAM	12	13	19.07	19.06	19.06		
5	256QAM	25	0	19.08	19.04	19.19		

Band 25 Default Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	23.18	23.35	23.31	24	0
20	QPSK	1	49	22.99	23.26	23.19		
20	QPSK	1	99	22.00	23.04	23.03		
20	QPSK	50	0	23.16	23.29	23.19		
20	QPSK	50	24	23.13	23.18	23.14	24	0
20	QPSK	50	50	23.01	23.06	23.05		
20	QPSK	100	0	23.11	23.22	23.15		
20	16QAM	1	0	23.13	23.27	23.14		
20	16QAM	1	49	23.06	23.14	23.07	24	0
20	16QAM	1	99	22.99	23.09	23.07		
20	16QAM	50	0	22.85	23.04	22.94		
20	16QAM	50	24	22.84	22.89	22.90	24	0
20	16QAM	50	50	22.77	22.84	22.82		
20	16QAM	100	0	22.94	23.16	23.01		
20	64QAM	1	0	22.96	23.15	22.96		
20	64QAM	1	49	22.98	23.02	22.90	24	0
20	64QAM	1	99	22.88	23.00	22.90		
20	64QAM	50	0	22.00	22.14	22.05		
20	64QAM	50	24	21.93	22.04	21.97	23	1
20	64QAM	50	50	21.82	21.93	21.85		
20	64QAM	100	0	22.06	22.05	22.03		
20	256QAM	1	0	19.94	20.16	20.00		
20	256QAM	1	49	19.98	20.16	20.02	21	3
20	256QAM	1	99	19.89	19.93	19.97		
20	256QAM	50	0	20.01	20.13	20.01		
20	256QAM	50	24	19.96	19.98	19.97	21	3
20	256QAM	50	50	19.82	19.94	19.87		
20	256QAM	100	0	19.96	20.09	19.92		
Channel				26115	26340	26915	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	23.07	23.26	23.17	24	0
15	QPSK	1	37	22.91	23.15	23.04		
15	QPSK	1	74	22.91	23.09	23.00		
15	QPSK	36	0	23.02	23.16	23.14		
15	QPSK	36	20	23.07	23.05	23.07	24	0
15	QPSK	36	39	22.90	23.01	23.01		
15	QPSK	75	0	23.06	23.14	23.00		
15	16QAM	1	0	22.98	23.12	23.03		
15	16QAM	1	37	22.96	23.04	22.94	24	0
15	16QAM	1	74	22.91	22.99	22.94		
15	16QAM	36	0	22.70	22.95	22.90		
15	16QAM	36	20	22.79	22.79	22.83	24	0
15	16QAM	36	39	22.69	22.76	22.78		
15	16QAM	75	0	22.90	23.13	22.90		
15	64QAM	1	0	22.87	23.04	22.91		
15	64QAM	1	37	22.92	22.91	22.83	24	0
15	64QAM	1	74	22.76	22.97	22.78		
15	64QAM	36	0	21.89	22.07	22.02		
15	64QAM	36	20	21.79	21.82	21.91	23	1
15	64QAM	36	39	21.70	21.79	21.71		
15	64QAM	75	0	22.02	22.01	21.90		
15	256QAM	1	0	19.84	20.02	19.92		
15	256QAM	1	37	19.91	20.10	19.98	21	3
15	256QAM	1	74	19.77	19.78	19.91		
15	256QAM	36	0	19.97	20.03	19.94		
15	256QAM	36	20	19.91	19.92	19.92	21	3
15	256QAM	36	39	19.72	19.80	19.75		
15	256QAM	75	0	19.89	19.97	19.78		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	23.12	23.31	23.16	24	0
10	QPSK	1	25	22.87	23.15	23.09		
10	QPSK	1	49	22.90	23.00	23.00		
10	QPSK	25	0	23.07	23.23	23.06		
10	QPSK	25	12	23.03	23.05	23.07	24	0
10	QPSK	25	25	22.94	22.95	22.92		
10	QPSK	50	0	22.97	23.18	23.04		
10	16QAM	1	0	23.06	23.14	23.07		
10	16QAM	1	25	22.91	23.10	22.92	24	0
10	16QAM	1	49	22.85	23.04	23.03		
10	16QAM	25	0	22.78	22.96	22.87		
10	16QAM	25	12	22.81	22.85	22.84	24	0
10	16QAM	25	25	22.70	22.81	22.76		
10	16QAM	50	0	22.81	23.03	22.92		
10	64QAM	1	0	22.84	23.02	22.84		
10	64QAM	1	25	22.85	22.91	22.79	24	0
10	64QAM	1	49	22.85	22.94	22.81		
10	64QAM	25	0	21.89	22.10	22.02		
10	64QAM	25	12	21.84	21.92	21.86	23	1
10	64QAM	25	25	21.77	21.83	21.77		
10	64QAM	50	0	21.97	21.98	21.94		
10	256QAM	1	0	19.91	20.02	19.90		
10	256QAM	1	25	19.92	20.07	19.91	21	3
10	256QAM	1	49	19.82	19.82	19.86		
10	256QAM	25	0	19.88	20.08	19.87		
10	256QAM	25	12	19.86	19.92	19.88	21	3
10	256QAM	25	25	19.77	19.89	19.76		
10	256QAM	50	0	19.83	20.02	19.87		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	23.12	23.29	23.21	24	0
5	QPSK	1	12	22.90	23.17	23.11		
5	QPSK	1	24	22.88	23.02	23.00		
5	QPSK	12	0	23.12	23.15	23.13		
5	QPSK	12	7	23.07	23.10	23.07	24	0
5	QPSK	12	13	22.90	22.92	23.01		
5	QPSK	25	0	22.98	23.12	23.08		
5	16QAM	1	0	23.07	23.13	23.02		
5	16QAM	1	12	22.97	22.99	22.95	24	0
5	16QAM	1	24	22.91	22.98	23.03		
5	16QAM	12	0	22.81	22.92	22.87		
5	16QAM	12	7	22.74	22.85	22.78	24	0
5	16QAM	12	13	22.74	22.74	22.72		
5	16QAM	25	0	22.81	23.08	22.94		
5	64QAM	1	0	22.90	23.11	22.90		
5	64QAM	1	12	22.92	22.93	22.76	24	0
5	64QAM	1	24	22.73	22.95	22.83		
5	64QAM	12	0	21.87	22.02	22.01		
5	64QAM	12	7	21.88	21.99	21.85	23	1
5	64QAM	12	13	21.68	21.86	21.76		
5	64QAM	25	0	21.92	21.91	21.97		
5	256QAM	1	0	19.81	20.06	19.86		
5	256QAM	1	12	19.85	20.09	19.89	21	3
5	256QAM	1	24	19.75	19.78	19.91		
5	256QAM	12	0	19.86	19.99	19.90		
5	256QAM	12	7	19.88	19.89	19.88	21	3
5	256QAM	12	13	19.71	19.91	19.80		
5	256QAM	25	0	19.83	19.99	19.82		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	23.10	23.25	23.22	24	0
3	QPSK	1	8	22.89	23.17	23.13		
3	QPSK	1	14	22.97	23.04	22.90		
3	QPSK	8	0	23.11	23.15	23.12		
3	QPSK	8	4	23.10	23.10	23.10	24	0
3	QPSK	8	7	22.94	22.91	22.93		
3	QPSK	15	0	23.02	23.12	23.11		
3	16QAM	1	0	23.04	23.14	23.11		
3	16QAM	1	8	23.01	23.08	22.94	24	0
3	16QAM	1	14	22.85	22.97	22.96		
3	16QAM	8	0	22.80	22.93	22.79		
3	16QAM	8	4	22.73	22.80	22.76	24	0
3	16QAM	8	7	22.68	22.79	22.70		
3	16QAM	15	0	22.90	23.03	22.93		
3	64QAM	1	0	22.87	23.09	22.91		
3	64QAM	1	8	22.94	22.94	22.86	24	0
3	64QAM	1	14	22.78	22.86	22.82		
3	64QAM	8	0	21.91	22.08	21.94		
3	64QAM	8	4	21.82	21.90	21.91	23	1
3	64QAM	8	7	21.74	21.82	21.74		
3	64QAM	15	0	21.98	22.01	21.89		
3	256QAM	1	0	19.84	20.05	19.89		
3	256QAM	1	8	19.91	20.11	19.88	21	3
3	256QAM	1	14	19.84	19.83	19.85		
3	256QAM	8	0	19.91	20.03	19.89		
3	256QAM	8	4	19.90	19.88	19.85	21	3
3	256QAM	8	7	19.79	19.88	19.79		
3	256QAM	15	0	19.89	20.00	19.77		
Channel				25947	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	23.15	23.23	23.23	24	0
1.4	QPSK	1	3	22.88	23.17	23.14		
1.4	QPSK	1	5	22.93	22.99	22.89		
1.4	QPSK	3	0	23.02	23.21	23.07		
1.4	QPSK	3	1	23.03	23.08	22.99		
1.4	QPSK	3	3	22.87	22.93	22.98		
1.4	QPSK	6	0	22.99	23.07	23.06	24	0
1.4	16QAM	1	0	22.99	23.15	23.01		
1.4	16QAM	1	3	22.99	23.07	23.02		
1.4	16QAM	1	5	22.85	23.02	23.00	24	0
1.4	16QAM	3	0	22.80	22.96	22.89		
1.4	16QAM	3	1	22.72	22.82	22.81		
1.4	16QAM	3	3	22.68	22.81	22.73		
1.4	16QAM	6	0	22.84	23.03	22.97	24	0
1.4	64QAM	1	0	22.83	23.03	22.85		
1.4	64QAM	1	3	22.87	22.97	22.82		
1.4	64QAM	1	5	22.77	22.96	22.85	24	0
1.4	64QAM	3	0	22.81	22.92	22.88		
1.4	64QAM	3	1	22.75	22.80	22.82		
1.4	64QAM	3	3	22.67	22.71	22.72		
1.4	64QAM	6	0	21.97	22.01	21.98	23	1
1.4	256QAM	1	0	19.82	20.03	19.95		
1.4	256QAM	1	3	19.93	20.12	19.88		
1.4	256QAM	1	5	19.84	19.88	19.89	21	3
1.4	256QAM	3	0	19.95	20.08	19.96		
1.4	256QAM	3	1	19.92	19.89	19.85		
1.4	256QAM	3	3	19.72	19.84	19.75		
1.4	256QAM	6	0	19.93	19.94	19.79	21	3

Band 26 Default Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	22.20	22.24	22.17	23	0
15	QPSK	1	37	22.18	22.07	22.14		
15	QPSK	1	74	22.03	22.10	22.05		
15	QPSK	36	0	22.16	22.20	22.05		
15	QPSK	36	20	21.94	21.95	21.99	23	0
15	QPSK	36	39	21.92	21.94	21.91		
15	QPSK	75	0	21.99	22.05	22.02		
15	16QAM	1	0	22.09	22.08	22.10		
15	16QAM	1	37	22.09	22.18	22.18	23	0
15	16QAM	1	74	21.99	22.01	22.10		
15	16QAM	36	0	22.06	22.19	22.06		
15	16QAM	36	20	22.02	22.02	22.06	23	0
15	16QAM	36	39	21.88	21.91	21.87		
15	16QAM	75	0	22.06	22.12	22.04		
15	64QAM	1	0	21.97	22.02	22.07		
15	64QAM	1	37	22.09	22.09	22.04	23	0
15	64QAM	1	74	22.05	22.17	22.05		
15	64QAM	36	0	20.94	21.00	20.97		
15	64QAM	36	20	20.76	20.88	20.89	22	1
15	64QAM	36	39	20.65	20.78	20.80		
15	64QAM	75	0	20.86	20.93	20.78		
15	256QAM	1	0	19.22	19.23	19.24		
15	256QAM	1	37	19.38	19.35	19.25	20	3
15	256QAM	1	74	19.11	19.14	19.06		
15	256QAM	36	0	19.14	19.08	19.14		
15	256QAM	36	20	18.91	18.99	19.02	20	3
15	256QAM	36	39	18.88	18.97	18.99		
15	256QAM	75	0	18.98	18.93	19.05		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.14	22.20	22.10	23	0
10	QPSK	1	25	22.12	22.03	22.08		
10	QPSK	1	49	21.90	21.98	21.99		
10	QPSK	25	0	22.12	22.12	21.96		
10	QPSK	25	12	21.86	21.92	21.90	23	0
10	QPSK	25	25	21.83	21.84	21.81		
10	QPSK	50	0	21.94	21.95	21.92		
10	16QAM	1	0	22.04	22.01	22.05		
10	16QAM	1	25	22.03	22.09	22.09	23	0
10	16QAM	1	49	21.88	21.87	21.96		
10	16QAM	25	0	21.93	22.07	21.96		
10	16QAM	25	12	21.98	21.89	21.94	23	0
10	16QAM	25	25	21.83	21.80	21.82		
10	16QAM	50	0	21.95	21.99	21.90		
10	64QAM	1	0	21.83	21.93	22.00		
10	64QAM	1	25	21.99	22.01	21.90	23	0
10	64QAM	1	49	21.92	22.04	21.97		
10	64QAM	25	0	20.89	20.93	20.87		
10	64QAM	25	12	20.69	20.82	20.75	22	1
10	64QAM	25	25	20.51	20.72	20.71		
10	64QAM	50	0	20.83	20.76	20.79		
10	256QAM	1	0	19.09	19.18	19.17		
10	256QAM	1	25	19.30	19.28	19.20	20	3
10	256QAM	1	49	19.06	19.01	19.00		
10	256QAM	25	0	19.11	19.02	19.01		
10	256QAM	25	12	18.76	18.86	18.97	20	3
10	256QAM	25	25	18.76	18.91	18.88		
10	256QAM	50	0	18.94	18.80	19.01		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.12	22.13	22.13	23	0
5	QPSK	1	12	22.08	22.00	22.02		
5	QPSK	1	24	21.90	22.01	21.92		
5	QPSK	12	0	22.10	22.11	21.98		
5	QPSK	12	7	21.86	21.90	21.90	23	0
5	QPSK	12	13	21.82	21.90	21.83		
5	QPSK	25	0	21.86	21.96	21.90		
5	16QAM	1	0	21.96	22.04	21.99		
5	16QAM	1	12	21.96	22.14	22.14	23	0
5	16QAM	1	24	21.87	21.96	22.06		
5	16QAM	12	0	22.00	22.07	21.92		
5	16QAM	12	7	21.96	21.96	21.97	23	0
5	16QAM	12	13	21.82	21.85	21.77		
5	16QAM	25	0	22.03	22.05	22.00		
5	64QAM	1	0	21.86	21.95	22.01		
5	64QAM	1	12	21.97	21.98	21.90	23	0
5	64QAM	1	24	22.00	22.03	22.02		
5	64QAM	12	0	20.84	20.91	20.82		
5	64QAM	12	7	20.71	20.76	20.84	22	1
5	64QAM	12	13	20.53	20.73	20.71		
5	64QAM	25	0	20.90	20.78	20.77		
5	256QAM	1	0	19.17	19.18	19.09		
5	256QAM	1	12	19.31	19.31	19.18	20	3
5	256QAM	1	24	18.97	19.07	19.01		
5	256QAM	12	0	19.03	18.96	19.03		
5	256QAM	12	7	18.78	18.87	18.88	20	3
5	256QAM	12	13	18.78	18.93	18.93		
5	256QAM	25	0	18.94	18.78	18.97		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.11	22.11	22.09	23	0
3	QPSK	1	8	22.09	22.01	22.09		
3	QPSK	1	14	21.94	22.06	21.91		
3	QPSK	8	0	22.04	22.07	21.99		
3	QPSK	8	4	21.83	21.90	21.92	23	0
3	QPSK	8	7	21.78	21.90	21.87		
3	QPSK	15	0	21.87	21.94	21.89		
3	16QAM	1	0	21.95	22.03	21.97		
3	16QAM	1	8	21.98	22.05	22.04	23	0
3	16QAM	1	14	21.95	21.90	22.06		
3	16QAM	8	0	21.93	22.12	21.97		
3	16QAM	8	4	21.89	21.90	21.97	23	0
3	16QAM	8	7	21.74	21.77	21.73		
3	16QAM	15	0	21.99	21.99	21.92		
3	64QAM	1	0	21.92	21.94	21.94		
3	64QAM	1	8	22.02	21.96	21.89	23	0
3	64QAM	1	14	22.01	21.96	21.97		
3	64QAM	8	0	20.83	20.95	20.84		
3	64QAM	8	4	20.62	20.75	20.83	22	1
3	64QAM	8	7	20.58	20.65	20.75		
3	64QAM	15	0	20.89	20.78	20.74		
3	256QAM	1	0	19.14	19.12	19.17		
3	256QAM	1	8	19.23	19.30	19.13	20	3
3	256QAM	1	14	19.01	19.05	18.93		
3	256QAM	8	0	19.09	18.97	19.05		
3	256QAM	8	4	18.81	18.93	18.92	20	3
3	256QAM	8	7	18.79	18.83	18.94		
3	256QAM	15	0	18.94	18.81	18.93		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.07	22.10	22.11	23	0
1.4	QPSK	1	3	22.11	21.96	22.09		
1.4	QPSK	1	5	21.90	21.99	21.97		
1.4	QPSK	3	0	22.11	22.16	21.92		
1.4	QPSK	3	1	21.82	21.89	21.95		
1.4	QPSK	3	3	21.88	21.85	21.82		
1.4	QPSK	6	0	21.95	21.90	21.97	23	0
1.4	16QAM	1	0	21.97	21.97	21.97		
1.4	16QAM	1	3	21.97	22.08	22.10		
1.4	16QAM	1	5	21.87	21.94	21.97	23	0
1.4	16QAM	3	0	21.91	22.11	21.95		
1.4	16QAM	3	1	21.98	21.98	21.96		
1.4	16QAM	3	3	21.76	21.77	21.76		
1.4	16QAM	6	0	22.02	22.05	21.92	23	0
1.4	64QAM	1	0	21.86	21.95	22.03		
1.4	64QAM	1	3	22.03	22.04	21.97		
1.4	64QAM	1	5	22.00	22.07	21.96	23	0
1.4	64QAM	3	0	21.87	21.95	21.94		
1.4	64QAM	3	1	22.02	22.04	21.95		
1.4	64QAM	3	3	21.91	22.03	21.92		
1.4	64QAM	6	0	20.82	20.86	20.86	22	1
1.4	256QAM	1	0	19.12	19.11	19.13		
1.4	256QAM	1	3	19.20	19.24	19.17		
1.4	256QAM	1	5	19.01	19.03	18.94	20	3
1.4	256QAM	3	0	19.03	19.05	19.02		
1.4	256QAM	3	1	18.84	18.85	18.88		
1.4	256QAM	3	3	18.75	18.86	18.80		
1.4	256QAM	6	0	18.92	18.98	18.86	20	3

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		16.66		17.8	0
10	QPSK	1	25		16.65			
10	QPSK	1	49		16.59			
10	QPSK	25	0		16.59			
10	QPSK	25	12		16.47		17.8	0
10	QPSK	25	25		16.50			
10	QPSK	50	0		16.57			
10	16QAM	1	0		16.56			
10	16QAM	1	25		16.51		17.8	0
10	16QAM	1	49		16.54			
10	16QAM	25	0		16.53			
10	16QAM	25	12		16.60		17.8	0
10	16QAM	25	25		16.57			
10	16QAM	50	0		16.53			
10	64QAM	1	0		16.57			
10	64QAM	1	25		16.48		17.8	0
10	64QAM	1	49		16.42			
10	64QAM	25	0		16.58			
10	64QAM	25	12		16.53		17.8	0
10	64QAM	25	25		16.45			
10	64QAM	50	0		16.51			
10	256QAM	1	0		16.56			
10	256QAM	1	25		16.54		17.8	0
10	256QAM	1	49		16.57			
10	256QAM	25	0		16.51			
10	256QAM	25	12		16.57		17.8	0
10	256QAM	25	25		16.49			
10	256QAM	50	0		16.51			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	16.53	16.61	16.59	17.8	0
5	QPSK	1	12	16.55	16.58	16.53		
5	QPSK	1	24	16.44	16.45	16.48		
5	QPSK	12	0	16.50	16.50	16.47		
5	QPSK	12	7	16.39	16.38	16.37	17.8	0
5	QPSK	12	13	16.45	16.45	16.46		
5	QPSK	25	0	16.51	16.45	16.46		
5	16QAM	1	0	16.43	16.46	16.53		
5	16QAM	1	12	16.46	16.39	16.48	17.8	0
5	16QAM	1	24	16.44	16.41	16.45		
5	16QAM	12	0	16.43	16.38	16.48		
5	16QAM	12	7	16.55	16.52	16.52	17.8	0
5	16QAM	12	13	16.47	16.43	16.46		
5	16QAM	25	0	16.49	16.44	16.46		
5	64QAM	1	0	16.47	16.46	16.46		
5	64QAM	1	12	16.37	16.36	16.37	17.8	0
5	64QAM	1	24	16.35	16.39	16.31		
5	64QAM	12	0	16.48	16.52	16.44		
5	64QAM	12	7	16.38	16.46	16.43	17.8	0
5	64QAM	12	13	16.31	16.41	16.38		
5	64QAM	25	0	16.45	16.46

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	17.00	17.26	16.80	18.2	0
20	QPSK	1	49	17.09	17.20	17.01		
20	QPSK	1	99	16.80	16.84	16.79		
20	QPSK	50	0	17.03	17.05	16.92		
20	QPSK	50	24	16.69	16.82	16.82		
20	QPSK	50	50	16.70	16.88	16.79		
20	QPSK	100	0	16.79	16.97	16.84		
20	16QAM	1	0	16.80	16.99	16.65		
20	16QAM	1	49	16.65	16.76	16.72		
20	16QAM	1	99	16.81	16.87	16.91		
20	16QAM	50	0	16.90	16.87	16.84		
20	16QAM	50	24	16.84	17.03	16.90		
20	16QAM	50	50	16.96	16.75	16.98		
20	16QAM	100	0	16.55	16.99	16.69		
20	64QAM	1	0	16.51	16.75	16.93		
20	64QAM	1	49	16.76	16.80	16.90		
20	64QAM	1	99	16.95	17.01	16.85		
20	64QAM	50	0	16.67	16.84	16.52		
20	64QAM	50	24	16.43	16.64	16.80		
20	64QAM	50	50	16.54	16.74	16.61		
20	64QAM	100	0	16.80	16.63	16.65		
20	256QAM	1	0	16.68	16.79	16.56		
20	256QAM	1	49	16.60	16.72	16.74		
20	256QAM	1	99	16.47	16.52	16.72		
20	256QAM	50	0	16.70	16.84	16.75		
20	256QAM	50	24	16.56	16.51	16.72		
20	256QAM	50	50	16.55	16.56	16.47		
20	256QAM	100	0	16.85	16.94	16.54		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	16.92	17.20	16.65	18.2	0
15	QPSK	1	37	16.96	17.19	16.92		
15	QPSK	1	74	16.74	16.67	16.72		
15	QPSK	36	0	16.95	16.77	16.74		
15	QPSK	36	20	16.62	16.58	16.68		
15	QPSK	36	39	16.52	16.71	16.64		
15	QPSK	75	0	16.66	16.75	16.74		
15	16QAM	1	0	16.70	16.90	16.51		
15	16QAM	1	37	16.41	16.53	16.67		
15	16QAM	1	74	16.61	16.83	16.75		
15	16QAM	36	0	16.80	16.69	16.80		
15	16QAM	36	20	16.78	16.97	16.86		
15	16QAM	36	39	16.87	16.68	16.92		
15	16QAM	75	0	16.50	16.80	16.61		
15	64QAM	1	0	16.48	16.71	16.80		
15	64QAM	1	37	16.71	16.60	16.74		
15	64QAM	1	74	16.75	16.89	16.82		
15	64QAM	36	0	16.59	16.74	16.51		
15	64QAM	36	20	16.32	16.59	16.60		
15	64QAM	36	39	16.47	16.53	16.59		
15	64QAM	75	0	16.68	16.52	16.51		
15	256QAM	1	0	16.54	16.56	16.40		
15	256QAM	1	37	16.56	16.70	16.64		
15	256QAM	1	74	16.25	16.48	16.64		
15	256QAM	36	0	16.53	16.62	16.54		
15	256QAM	36	20	16.52	16.28	16.49		
15	256QAM	36	39	16.44	16.53	16.41		
15	256QAM	75	0	16.64	16.91	16.36		
Channel				37600	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	16.79	17.03	16.57	18.2	0
10	QPSK	1	25	16.98	17.08	16.94		
10	QPSK	1	49	16.67	16.68	16.69		
10	QPSK	25	0	16.92	16.85	16.68		
10	QPSK	25	12	16.67	16.66	16.66		
10	QPSK	25	25	16.47	16.75	16.57		
10	QPSK	50	0	16.58	16.68	16.94		
10	16QAM	1	0	16.66	16.97	16.43		
10	16QAM	1	25	16.54	16.69	16.69		
10	16QAM	1	49	16.66	16.69	16.88		
10	16QAM	25	0	16.76	16.82	16.75		
10	16QAM	25	12	16.69	16.90	16.84		
10	16QAM	25	25	16.86	16.72	16.95		
10	16QAM	50	0	16.53	16.85	16.54		
10	64QAM	1	0	16.29	16.63	16.80		
10	64QAM	1	25	16.65	16.77	16.82		
10	64QAM	1	49	16.84	16.87	16.62		
10	64QAM	25	0	16.56	16.76	16.52		
10	64QAM	25	12	16.21	16.49	16.57		
10	64QAM	25	25	16.45	16.64	16.46		
10	64QAM	50	0	16.58	16.42	16.57		
10	256QAM	1	0	16.60	16.61	16.49		
10	256QAM	1	25	16.41	16.61	16.59		
10	256QAM	1	49	16.36	16.41	16.52		
10	256QAM	25	0	16.50	16.81	16.56		
10	256QAM	25	12	16.37	16.48	16.48		
10	256QAM	25	25	16.34	16.40	16.40		
10	256QAM	50	0	16.84	16.77	16.50		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	16.87	17.04	16.57	18.2	0
5	QPSK	1	12	16.99	17.15	16.96		
5	QPSK	1	24	16.60	16.81	16.59		
5	QPSK	12	0	16.86	16.94	16.73		
5	QPSK	12	7	16.63	16.65	16.77		
5	QPSK	12	13	16.59	16.76	16.73		
5	QPSK	25	0	16.67	16.69	16.80		
5	16QAM	1	0	16.80	16.87	16.50		
5	16QAM	1	12	16.64	16.64	16.52		
5	16QAM	1	24	16.70	16.66	16.85		
5	16QAM	12	0	16.81	16.66	16.74		
5	16QAM	12	7	16.81	17.04	16.79		
5	16QAM	12	13	16.85	16.74	16.81		
5	16QAM	25	0	16.35	16.98	16.46		
5	64QAM	1	0	16.46	16.75	16.83		
5	64QAM	1	12	16.69	16.63	16.75		
5	64QAM	1	24	16.92	16.86	16.73		
5	64QAM	12	0	16.51	16.79	16.43		
5	64QAM	12	7	16.23	16.47	16.74		
5	64QAM	12	13	16.35	16.67	16.61		
5	64QAM	25	0	16.56	16.45	16.51		
5	256QAM	1	0	16.44	16.62	16.40		
5	256QAM	1	12	16.38	16.66	16.65		
5	256QAM	1	24	16.31	16.34	16.70		
5	256QAM	12	0	16.59	16.82	16.66		
5	256QAM	12	7	16.41	16.33	16.52		
5	256QAM	12	13	16.39	16.44	16.32		
5	256QAM	25	0	16.79	16.82	16.54		

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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	16.99	16.99	17.26	17.01	17.06	18.2	0
20	QPSK	1	49	16.97	17.16	17.19	17.07	16.88		
20	QPSK	1	99	16.98	16.98	17.01	17.00	16.85		
20	QPSK	50	0	17.00	17.13	17.21	17.10	16.92		
20	QPSK	50	24	16.90	16.84	16.85	17.02	16.81		
20	QPSK	50	50	16.96	16.87	16.97	16.77	16.91		
20	QPSK	100	0	16.84	16.90	17.04	16.99	16.79		
20	16QAM	1	0	16.91	16.82	17.12	16.83	17.06		
20	16QAM	1	49	16.94	16.83	16.77	16.91	16.80		
20	16QAM	1	99	17.03	17.02	16.89	16.99	16.98		
20	16QAM	50	0	16.97	16.97	17.08	17.02	16.85		
20	16QAM	50	24	16.92	16.83	17.17	17.05	16.90		
20	16QAM	50	50	16.98	17.01	16.89	17.00	16.87		
20	16QAM	100	0	16.71	16.76	17.13	16.91	16.77		
20	64QAM	1	0	16.72	16.69	16.85	16.95	16.70		
20	64QAM	1	49	16.76	16.88	16.87	16.97	16.68		
20	64QAM	1	99	16.90	16.93	17.15	16.86	16.90		
20	64QAM	50	0	16.80	16.66	16.88	16.62	16.96		
20	64QAM	50	24	16.84	16.58	16.71	16.83	16.53		
20	64QAM	50	50	16.63	16.59	16.74	16.63	16.41		
20	64QAM	100	0	16.77	16.85	16.81	16.84	16.83		
20	256QAM	1	0	16.90	16.72	16.79	16.74	16.70		
20	256QAM	1	49	16.75	16.76	16.92	16.78	16.73		
20	256QAM	1	99	16.69	16.56	16.63	16.78	16.71		
20	256QAM	50	0	16.91	16.76	16.95	16.82	16.75		
20	256QAM	50	24	16.62	16.66	16.58	16.82	16.59		
20	256QAM	50	50	16.45	16.66	16.75	16.57	16.46		
20	256QAM	100	0	16.92	16.83	16.93	16.76	16.73		
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	16.70	16.91	17.02	16.84	16.94	18	0
15	QPSK	1	37	16.77	16.99	16.88	16.93	16.79		
15	QPSK	1	74	16.82	16.84	16.74	16.73	16.70		
15	QPSK	36	0	16.84	16.85	17.06	16.79	16.70		
15	QPSK	36	20	16.69	16.57	16.61	16.71	16.68		
15	QPSK	36	39	16.76	16.72	16.82	16.67	16.71		
15	QPSK	75	0	16.70	16.73	16.76	16.96	16.66		
15	16QAM	1	0	16.64	16.58	16.98	16.57	16.87		
15	16QAM	1	37	16.76	16.64	16.57	16.60	16.61		
15	16QAM	1	74	16.83	16.80	16.79	16.85	16.69		
15	16QAM	36	0	16.69	16.70	16.91	16.72	16.64		
15	16QAM	36	20	16.74	16.63	16.97	16.89	16.60		
15	16QAM	36	39	16.81	16.82	16.62	16.88	16.73		
15	16QAM	75	0	16.39	16.47	16.89	16.63	16.45		
15	64QAM	1	0	16.41	16.60	16.75	16.70	16.61		
15	64QAM	1	37	16.48	16.71	16.70	16.74	16.50		
15	64QAM	1	74	16.75	16.81	17.04	16.76	16.64		
15	64QAM	36	0	16.60	16.38	16.68	16.45	16.72		
15	64QAM	36	20	16.75	16.26	16.59	16.56	16.33		
15	64QAM	36	39	16.41	16.49	16.50	16.41	16.23		
15	64QAM	75	0	16.62	16.58	16.56	16.68	16.53		
15	256QAM	1	0	16.64	16.54	16.69	16.64	16.61		
15	256QAM	1	37	16.66	16.61	16.75	16.63	16.61		
15	256QAM	1	74	16.56	16.44	16.47	16.53	16.39		
15	256QAM	36	0	16.75	16.61	16.74	16.70	16.46		
15	256QAM	36	20	16.34	16.54	16.46	16.62	16.44		
15	256QAM	36	39	16.37	16.57	16.48	16.44	16.35		
15	256QAM	75	0	16.81	16.70	16.73	16.64	16.47		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	16.73	16.90	17.13	16.89	16.85	18	0
10	QPSK	1	25	16.86	17.00	17.09	16.79	16.79		
10	QPSK	1	49	16.70	16.70	16.87	16.87	16.56		
10	QPSK	25	0	16.74	16.82	17.05	16.94	16.65		
10	QPSK	25	12	16.68	16.67	16.62	16.83	16.66		
10	QPSK	25	25	16.68	16.75	16.76	16.68	16.72		
10	QPSK	50	0	16.58	16.78	16.71	16.75	16.66		
10	16QAM	1	0	16.77	16.66	17.02	16.64	16.90		
10	16QAM	1	25	16.85	16.70	16.68	16.60	16.49		
10	16QAM	1	49	16.91	16.71	16.68	16.82	16.68		
10	16QAM	25	0	16.74	16.81	16.98	16.84	16.66		
10	16QAM	25	12	16.68	16.55	17.01	16.87	16.66		
10	16QAM	25	25	16.71	16.72	16.69	16.69	16.65		
10	16QAM	50	0	16.40	16.61	16.93	16.77	16.45		
10	64QAM	1	0	16.48	16.43	16.65	16.83	16.48		
10	64QAM	1	25	16.57	16.60	16.77	16.66	16.48		
10	64QAM	1	49	16.65	16.63	16.99	16.69	16.73		
10	64QAM	25	0	16.51	16.52	16.67	16.39	16.67		
10	64QAM	25	12	16.59	16.47	16.48	16.66	16.33		
10	64QAM	25	25	16.43	16.36	16.43	16.35	16.30		
10	64QAM	50	0	16.63	16.76	16.53	16.59	16.71		
10	256QAM	1	0	16.59	16.55	16.59	16.45	16.61		
10	256QAM	1	25	16.47	16.62	16.82	16.59	16.53		
10	256QAM	1	49	16.56	16.31	16.47	16.51	16.55		
10	256QAM	25	0	16.81	16.62	16.85	16.55	16.43		
10	256QAM	25	12	16.39	16.49	16.41	16.53	16.27		
10	256QAM	25	25	16.28	16.44	16.62	16.41	16.35		
10	256QAM	50	0	16.81	16.75	16.81	16.44	16.45		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	16.67	16.71	16.98	16.91	16.96	18	0
5	QPSK	1	12	16.75	16.90	16.94	16.86	16.78		
5	QPSK	1	24	16.74	16.81	16.90	16.77	16.54		
5	QPSK	12	0	16.73	16.89	17.12	16.86	16.69		
5	QPSK	12	7	16.64	16.56	16.73	16.91	16.66		
5	QPSK	12	13	16.80	16.78	16.79	16.45	16.60		
5	QPSK	25	0	16.71	16.68	16.80	16.81	16.70		
5	16QAM	1	0	16.82	16.56	16.88	16.66	16.86		
5	16QAM	1	12	16.75	16.71	16.66	16.67	16.62		
5	16QAM	1	24	16.79	16.77	16.77	16.77	16.77		
5	16QAM	12	0	16.76	16.82	16.92	16.84	16.73		
5	16QAM	12	7	16.80	16.58	17.02	16.92	16.58		
5	16QAM	12	13	16.89	16.71	16.79	16.70	16.65		
5	16QAM	25	0	16.48	16.59	16.90	16.81	16.60		
5	64QAM	1	0	16.54	16.58	16.60	16.77	16.41		
5	64QAM	1	12	16.59	16.56	16.58	16.83	16.36		
5	64QAM	1	24	16.77	16.74	16.94	16.63	16.63		
5	64QAM	12	0	16.68	16.36	16.67	16.39	16.77		
5	64QAM	12	7	16.55	16.50	16.40	16.51	16.35		
5	64QAM	12	13	16.32	16.33	16.65	16.51	16.26		
5	64QAM	25	0	16.59	16.64	16.68	16.55	16.53		
5	256QAM	1	0	16.78	16.49	16.50	16.47	16.44		
5	256QAM	1	12	16.64	16.50	16.74	16.59	16.59		
5	256QAM	1	24	16.50	16.44	16.54	16.47	16.44		
5	256QAM	12	0	16.59	16.55	16.86	16.60	16.43		
5	256QAM	12	7	16.51	16.36	16.35	16.66	16.35		
5	256QAM	12	13	16.35	16.50	16.62	16.47	16.38		
5	256QAM	25	0	16.61	16.59	16.65	16.58	16.47		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	18.70	18.58	18.63	18.50	18.73	19.8	0
20	QPSK	1	49	18.45	18.66	18.72	18.70	18.53		
20	QPSK	1	99	18.60	18.63	18.51	18.64	18.52		
20	QPSK	50	0	18.55	18.73	18.76	18.71	18.58	19.8	0
20	QPSK	50	24	18.61	18.49	18.43	18.65	18.34		
20	QPSK	50	50	18.51	18.50	18.56	18.29	18.61		
20	QPSK	100	0	18.32	18.60	18.70	18.51	18.41		
20	16QAM	1	0	18.56	18.50	18.81	18.54	18.65	19.8	0
20	16QAM	1	49	18.46	18.53	18.46	18.44	18.31		
20	16QAM	1	99	18.75	18.71	18.43	18.60	18.47		
20	16QAM	50	0	18.57	18.58	18.80	18.66	18.42	19.8	0
20	16QAM	50	24	18.51	18.36	18.67	18.68	18.49		
20	16QAM	50	50	18.69	18.64	18.41	18.70	18.38		
20	16QAM	100	0	18.31	18.43	18.74	18.59	18.28		
20	64QAM	1	0	18.24	18.37	18.49	18.56	18.41	19.8	0
20	64QAM	1	49	18.33	18.41	18.42	18.46	18.22		
20	64QAM	1	99	18.51	18.52	18.82	18.37	18.41		
20	64QAM	50	0	18.31	18.21	18.43	18.33	18.46	19.8	0
20	64QAM	50	24	18.40	18.30	18.20	18.45	18.20		
20	64QAM	50	50	18.34	18.09	18.42	18.30	18.10		
20	64QAM	100	0	18.29	18.43	18.45	18.36	18.43		
20	256QAM	1	0	18.42	18.21	18.45	18.26	18.31	19.8	0
20	256QAM	1	49	18.29	18.47	18.64	18.28	18.37		
20	256QAM	1	99	18.21	18.17	18.20	18.49	18.33		
20	256QAM	50	0	18.48	18.28	18.46	18.51	18.34	19.8	0
20	256QAM	50	24	18.27	18.30	18.06	18.47	18.23		
20	256QAM	50	50	18.08	18.36	18.39	18.17	18.06		
20	256QAM	100	0	18.52	18.54	18.65	18.32	18.40		
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	18.41	18.44	18.56	18.25	18.62	19.8	0
15	QPSK	1	37	18.32	18.45	18.52	18.46	18.44		
15	QPSK	1	74	18.39	18.34	18.41	18.38	18.37		
15	QPSK	36	0	18.39	18.51	18.62	18.51	18.48	19.8	0
15	QPSK	36	20	18.38	18.23	18.23	18.34	18.19		
15	QPSK	36	39	18.30	18.25	18.37	18.01	18.50		
15	QPSK	75	0	18.03	18.45	18.40	18.37	18.12		
15	16QAM	1	0	18.27	18.40	18.63	18.36	18.47	19.8	0
15	16QAM	1	37	18.20	18.41	18.18	18.29	18.17		
15	16QAM	1	74	18.57	18.40	18.28	18.48	18.24		
15	16QAM	36	0	18.27	18.33	18.71	18.49	18.16	19.8	0
15	16QAM	36	20	18.35	18.05	18.42	18.56	18.35		
15	16QAM	36	39	18.46	18.39	18.11	18.55	18.11		
15	16QAM	75	0	18.01	18.30	18.43	18.30	17.99		
15	64QAM	1	0	18.05	18.18	18.24	18.28	18.11	19.8	0
15	64QAM	1	37	18.04	18.26	18.13	18.24	17.92		
15	64QAM	1	74	18.38	18.42	18.69	18.10	18.22		
15	64QAM	36	0	17.99	18.08	18.14	18.08	18.36	19.8	0
15	64QAM	36	20	18.15	18.19	18.08	18.18	18.08		
15	64QAM	36	39	18.05	17.83	18.32	18.12	17.87		
15	64QAM	75	0	18.09	18.23	18.29	18.27	18.27		
15	256QAM	1	0	18.23	18.12	18.20	18.08	18.04	19.8	0
15	256QAM	1	37	17.98	18.38	18.37	18.15	18.27		
15	256QAM	1	74	18.12	17.96	18.04	18.20	18.08		
15	256QAM	36	0	18.32	18.04	18.33	18.41	18.19	19.8	0
15	256QAM	36	20	18.14	18.02	17.89	18.20	18.05		
15	256QAM	36	39	17.78	18.13	18.17	17.87	17.94		
15	256QAM	75	0	18.38	18.31	18.39	18.12	18.28		
Channel				39700	40160	40620	41080	41540	Tune-up limit	MPR
Frequency (MHz)				2501	2547	2593	2639	2685	(dBm)	(dB)
10	QPSK	1	0	18.44	18.39	18.63	18.33	18.49	19.8	0
10	QPSK	1	25	18.29	18.38	18.40	18.61	18.26		
10	QPSK	1	49	18.38	18.41	18.20	18.47	18.33		
10	QPSK	25	0	18.39	18.50	18.57	18.41	18.33	19.8	0
10	QPSK	25	12	18.40	18.19	18.14	18.39	18.08		
10	QPSK	25	25	18.21	18.35	18.25	18.00	18.43		
10	QPSK	50	0	18.21	18.38	18.54	18.39	18.11		
10	16QAM	1	0	18.48	18.31	18.64	18.26	18.49	19.8	0
10	16QAM	1	25	18.18	18.28	18.16	18.34	18.03		
10	16QAM	1	49	18.53	18.53	18.32	18.51	18.20		
10	16QAM	25	0	18.35	18.36	18.64	18.42	18.16	19.8	0
10	16QAM	25	12	18.25	18.19	18.38	18.54	18.32		
10	16QAM	25	25	18.53	18.43	18.31	18.58	18.06		
10	16QAM	50	0	18.12	18.35	18.58	18.32	18.13		
10	64QAM	1	0	18.14	18.08	18.27	18.31	18.28	19.8	0
10	64QAM	1	25	18.22	18.29	18.22	18.23	18.04		
10	64QAM	1	49	18.19	18.26	18.69	18.22	18.33		
10	64QAM	25	0	18.06	18.08	18.14	18.06	18.21	19.8	0
10	64QAM	25	12	18.24	18.01	18.06	18.19	18.12		
10	64QAM	25	25	18.08	17.83	18.20	18.14	18.00		
10	64QAM	50	0	18.11	18.24	18.15	18.09	18.27		
10	256QAM	1	0	18.32	18.08	18.22	17.97	18.08	19.8	0
10	256QAM	1	25	18.05	18.26	18.53	18.05	18.11		
10	256QAM	1	49	18.05	17.85	18.00	18.18	18.15		
10	256QAM	25	0	18.30	18.07	18.33	18.38	18.26	19.8	0
10	256QAM	25	12	18.17	18.15	17.86	18.27	17.96		
10	256QAM	25	25	17.88	18.14	18.28	18.06	17.91		
10	256QAM	50	0	18.29	18.24	18.36	18.14	18.19		
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	18.51	18.41	18.69	18.33	18.54	19.8	0
5	QPSK	1	12	18.19	18.34	18.45	18.50	18.37		
5	QPSK	1	24	18.29	18.54	18.37	18.42	18.27		
5	QPSK	12	0	18.34	18.49	18.53	18.43	18.46	19.8	0
5	QPSK	12	7	18.44	18.29	18.24	18.54	18.11		
5	QPSK	12	13	18.37	18.36	18.42	18.18	18.51		
5	QPSK	25	0	18.20	18.52	18.52	18.36	18.12		
5	16QAM	1	0	18.47	18.39	18.68	18.26	18.54	19.8	0
5	16QAM	1	12	18.21	18.44	18.32	18.19	18.20		
5	16QAM	1	24	18.63	18.61	18.21	18.52	18.19		
5	16QAM	12	0	18.37	18.27	18.67	18.39	18.14	19.8	0
5	16QAM	12	7	18.42	18.26	18.44	18.53	18.19		
5	16QAM	12	13	18.44	18.42	18.28	18.61	18.13		
5	16QAM	25	0	18.17	18.26	18.58	18.32	18.06		
5	64QAM	1	0	18.14	18.11	18.26	18.31	18.21	19.8	0
5	64QAM	1	12	18.23	18.20	18.12	18.34	18.06		
5	64QAM	1	24	18.25	18.41	18.55	18.13	18.12		
5	64QAM	12	0	18.11	18.10	18.33	18.19	18.30	19.8	0
5	64QAM	12	7	18.27	18.20	17.98	18.23	18.00		
5	64QAM	12	13	18.25	17.96	18.31	17.99	17.95		
5	64QAM	25	0	18.21	18.16	18.33	18.25	18.28		
5	256QAM	1	0	18.24	18.12	18.14	17.96	18.17	19.8	0
5	256QAM	1	12	18.08	18.17	18.40	18.01	18.24		
5	256QAM	1	24	17.95	18.02	18.07	18.28	18.19		
5	256QAM	12	0	18.26	18.04	18.22	18.28	18.02	19.8	0
5	256QAM	12	7	17.97	18.18	17.84	18.23	18.10		
5	256QAM	12	13	17.82	18.17	18.21	18.03	17.85		
5	256QAM	25	0	18.22	18.39	18.33	18.20	18.31		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	20.19	20.51	20.47	20.43	21	0
20	QPSK	1	49	20.17	20.43	20.35	20.30		
20	QPSK	1	99	20.13	20.36	20.27	20.26		
20	QPSK	50	0	20.33	20.48	20.38	20.39	21	0
20	QPSK	50	24	20.23	20.31	20.33	20.26		
20	QPSK	50	50	20.24	20.32	20.19	20.23		
20	QPSK	100	0	20.26	20.42	20.24	20.31		
20	16QAM	1	0	20.28	20.43	20.26	20.32	21	0
20	16QAM	1	49	20.23	20.23	20.25	20.11		
20	16QAM	1	99	20.22	20.29	20.20	20.17		
20	16QAM	50	0	20.09	20.22	20.10	20.08	20.5	0.5
20	16QAM	50	24	20.03	20.09	20.05	20.03		
20	16QAM	50	50	19.91	20.00	19.93	19.90		
20	16QAM	100	0	20.04	20.18	20.06	20.04		
20	64QAM	1	0	20.05	20.16	20.07	20.04	20.5	0.5
20	64QAM	1	49	19.92	20.03	19.92	19.93		
20	64QAM	1	99	19.94	19.93	19.94	19.83		
20	64QAM	50	0	19.00	19.15	19.04	19.07	19.5	1.5
20	64QAM	50	24	18.98	18.97	18.97	18.89		
20	64QAM	50	50	18.90	18.97	18.88	18.87		
20	64QAM	100	0	18.82	18.98	18.91	18.92		
20	256QAM	1	0	16.91	17.07	16.92	16.95	17.5	3.5
20	256QAM	1	49	16.82	17.07	16.83	16.95		
20	256QAM	1	99	16.86	16.83	16.83	16.79		
20	256QAM	50	0	16.99	17.15	17.06	17.02	17.5	3.5
20	256QAM	50	24	16.91	17.01	16.99	16.92		
20	256QAM	50	50	16.92	16.99	16.91	16.94		
20	256QAM	100	0	17.08	17.22	17.03	17.17		
Channel				55315	55820	56160	56665	Tune-up limit	MPR
Frequency (MHz)				3557.5	3608	3642	3692.5	(dBm)	(dB)
15	QPSK	1	0	20.12	20.44	20.42	20.34	21	0
15	QPSK	1	37	20.11	20.29	20.28	20.22		
15	QPSK	1	74	20.03	20.27	20.24	20.19		
15	QPSK	36	0	20.21	20.45	20.25	20.31	21	0
15	QPSK	36	20	20.16	20.22	20.21	20.12		
15	QPSK	36	39	20.20	20.26	20.07	20.19		
15	QPSK	75	0	20.13	20.31	20.14	20.22		
15	16QAM	1	0	20.21	20.32	20.11	20.26	21	0
15	16QAM	1	37	20.14	20.15	20.17	20.05		
15	16QAM	1	74	20.07	20.22	20.14	20.07		
15	16QAM	36	0	20.05	20.12	20.02	19.98	20.5	0.5
15	16QAM	36	20	19.99	20.03	19.97	19.96		
15	16QAM	36	39	19.83	19.86	19.79	19.82		
15	16QAM	75	0	20.01	20.06	19.92	19.97		
15	64QAM	1	0	19.96	20.06	19.98	19.92	20.5	0.5
15	64QAM	1	37	19.81	19.94	19.81	19.87		
15	64QAM	1	74	19.90	19.89	19.81	19.72		
15	64QAM	36	0	18.86	19.11	18.97	18.93	19.5	1.5
15	64QAM	36	20	18.85	18.93	18.89	18.85		
15	64QAM	36	39	18.78	18.85	18.74	18.81		
15	64QAM	75	0	18.79	18.88	18.86	18.78		
15	256QAM	1	0	16.81	17.03	16.79	16.91	17.5	3.5
15	256QAM	1	37	16.67	17.01	16.74	16.81		
15	256QAM	1	74	16.77	16.68	16.73	16.73		
15	256QAM	36	0	16.90	17.03	17.02	16.91	17.5	3.5
15	256QAM	36	20	16.87	16.94	16.95	16.87		
15	256QAM	36	39	16.79	16.92	16.83	16.91		
15	256QAM	75	0	17.03	17.10	16.90	17.11		
Channel				55290	55815	56165	56690	Tune-up limit	MPR
Frequency (MHz)				3555	3607.5	3642.5	3695	(dBm)	(dB)
10	QPSK	1	0	20.11	20.48	20.43	20.31	21	0
10	QPSK	1	25	20.07	20.37	20.25	20.20		
10	QPSK	1	49	20.07	20.29	20.19	20.18		
10	QPSK	25	0	20.23	20.37	20.25	20.25	21	0
10	QPSK	25	12	20.13	20.22	20.20	20.12		
10	QPSK	25	25	20.17	20.24	20.05	20.14		
10	QPSK	50	0	20.15	20.27	20.15	20.25		
10	16QAM	1	0	20.16	20.35	20.19	20.27	21	0
10	16QAM	1	25	20.18	20.13	20.21	19.98		
10	16QAM	1	49	20.09	20.16	20.12	20.06		
10	16QAM	25	0	19.96	20.18	20.05	20.04	20.5	0.5
10	16QAM	25	12	19.95	20.00	19.93	19.91		
10	16QAM	25	25	19.84	19.89	19.87	19.81		
10	16QAM	50	0	19.99	20.10	20.01	19.90		
10	64QAM	1	0	19.99	20.12	19.99	20.00	20.5	0.5
10	64QAM	1	25	19.86	19.92	19.87	19.88		
10	64QAM	1	49	19.87	19.87	19.81	19.71		
10	64QAM	25	0	18.89	19.08	18.95	18.94	19.5	1.5
10	64QAM	25	12	18.88	18.82	18.83	18.85		
10	64QAM	25	25	18.76	18.88	18.75	18.84		
10	64QAM	50	0	18.69	18.94	18.80	18.84		
10	256QAM	1	0	16.82	16.96	16.84	16.87	17.5	3.5
10	256QAM	1	25	16.77	16.93	16.77	16.81		
10	256QAM	1	49	16.83	16.72	16.70	16.71		
10	256QAM	25	0	16.89	17.02	16.98	16.94	17.5	3.5
10	256QAM	25	12	16.88	16.96	16.92	16.78		
10	256QAM	25	25	16.79	16.86	16.81	16.81		
10	256QAM	50	0	16.98	17.17	16.89	17.05		
Channel				55265	55810	56170	56715	Tune-up limit	MPR
Frequency (MHz)				3552.5	3607	3643	3697.5	(dBm)	(dB)
5	QPSK	1	0	20.10	20.42	20.38	20.32	21	0
5	QPSK	1	12	20.08	20.30	20.23	20.15		
5	QPSK	1	24	20.05	20.29	20.16	20.13		
5	QPSK	12	0	20.20	20.35	20.34	20.31	21	0
5	QPSK	12	7	20.16	20.17	20.22	20.21		
5	QPSK	12	13	20.18	20.25	20.09	20.15		
5	QPSK	25	0	20.19	20.29	20.16	20.20		
5	16QAM	1	0	20.23	20.31	20.17	20.26	21	0
5	16QAM	1	12	20.19	20.14	20.21	19.97		
5	16QAM	1	24	20.16	20.15	20.17	20.02		
5	16QAM	12	0	20.01	20.08	19.96	20.00	20.5	0.5
5	16QAM	12	7	19.91	20.05	19.94	19.93		
5	16QAM	12	13	19.79	19.86	19.79	19.79		
5	16QAM	25	0	19.97	20.12	19.99	19.89		
5	64QAM	1	0	20.01	20.10	19.99	19.97	20.5	0.5
5	64QAM	1	12	19.89	19.94	19.89	19.83		
5	64QAM	1	24	19.80	19.85	19.87	19.69		
5	64QAM	12	0	18.95	19.03	18.99	18.99	19.5	1.5
5	64QAM	12	7	18.92	18.82	18.89	18.82		
5	64QAM	12	13	18.81	18.90	18.80	18.83		
5	64QAM	25	0	18.67	18.95	18.77	18.87		
5	256QAM	1	0	16.87	17.03	16.80	16.87	17.5	3.5
5	256QAM	1	12	16.70	16.92	16.69	16.83		
5	256QAM	1	24	16.73	16.76	16.73	16.71		
5	256QAM	12	0	16.94	17.02	16.92	16.94	17.5	3.5
5	256QAM	12	7	16.84	16.93	16.85	16.85		
5	256QAM	12	13	16.82	16.85	16.80	16.79		
5	256QAM	25	0	17.01	17.14	16.97	17.10		

	GSM1900 Ant3	Default							
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		29.56	29.66	29.63	30.50	20.56	20.66	20.63	21.50
GPRS 1 Tx slot		29.52	29.61	29.49	30.50	20.52	20.61	20.49	21.50
GPRS 2 Tx slots		27.05	27.12	26.97	28.00	21.05	21.12	20.97	22.00
GPRS 3 Tx slots		25.70	25.76	25.66	26.50	21.44	21.50	21.40	22.24
GPRS 4 Tx slots		23.54	23.57	23.46	24.50	20.54	20.57	20.46	21.50
EDGE 1 Tx slot		25.06	25.13	24.99	26.00	16.06	16.13	15.99	17.00
EDGE 2 Tx slots		23.33	23.43	23.40	24.50	17.33	17.43	17.40	18.50
EDGE 3 Tx slots		22.21	22.35	22.25	23.50	17.95	18.09	17.99	19.24
EDGE 4 Tx slots		20.13	20.18	20.06	21.00	17.13	17.18	17.06	18.00
		DSI3_Standalone WCDMA II Ant3				DSI3_Standalone WCDMA IV Ant3			
Band		WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	22.96	23.03	23.00	24.00	22.84	22.97	22.91	24.00
3GPP Rel 99	RMC 12.2Kbps	23.05	23.09	23.02	24.00	22.89	23.03	22.84	24.00
3GPP Rel 6	HSDPA Subtest-1	21.95	22.14	22.11	23.00	21.91	22.04	22.04	23.00
3GPP Rel 6	HSDPA Subtest-2	22.04	22.17	21.92	23.00	21.93	22.07	21.84	23.00
3GPP Rel 6	HSDPA Subtest-3	21.64	21.58	21.57	22.50	21.59	21.49	21.44	22.50
3GPP Rel 6	HSDPA Subtest-4	21.48	21.66	21.60	22.50	21.43	21.59	21.50	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	22.06	22.17	21.98	23.00	21.95	22.09	21.95	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	21.99	22.13	22.18	23.00	21.91	22.07	22.07	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	21.37	21.57	21.48	22.50	21.26	21.46	21.34	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	21.43	21.56	21.44	22.50	21.29	21.45	21.31	22.50
3GPP Rel 6	HSUPA Subtest-1	22.08	22.31	21.97	23.00	22.04	22.24	21.94	23.00
3GPP Rel 6	HSUPA Subtest-2	20.23	20.14	20.17	21.00	20.20	20.09	20.04	21.00
3GPP Rel 6	HSUPA Subtest-3	21.20	21.06	21.03	22.00	21.10	20.98	20.99	22.00
3GPP Rel 6	HSUPA Subtest-4	19.98	20.25	20.22	21.00	19.84	20.19	20.08	21.00
3GPP Rel 6	HSUPA Subtest-5	22.03	22.04	21.94	23.00	21.90	21.90	21.89	23.00

Band 2 Default Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	22.65	22.72	22.70	24	0
20	QPSK	1	49	22.52	22.63	22.57		
20	QPSK	1	99	22.45	22.58	22.53		
20	QPSK	50	0	22.49	22.67	22.53	24	0
20	QPSK	50	24	22.45	22.55	22.49		
20	QPSK	50	50	22.38	22.47	22.38		
20	QPSK	100	0	22.45	22.60	22.41		
20	16QAM	1	0	22.40	22.58	22.46	24	0
20	16QAM	1	49	22.36	22.45	22.41		
20	16QAM	1	99	22.33	22.44	22.37		
20	16QAM	50	0	22.38	22.54	22.44	24	0
20	16QAM	50	24	22.38	22.37	22.31		
20	16QAM	50	50	22.32	22.39	22.31		
20	16QAM	100	0	22.38	22.49	22.32		
20	64QAM	1	0	22.29	22.47	22.31	24	0
20	64QAM	1	49	22.29	22.29	22.29		
20	64QAM	1	99	22.24	22.32	22.27		
20	64QAM	50	0	22.28	22.48	22.29	24	0
20	64QAM	50	24	22.28	22.34	22.34		
20	64QAM	50	50	22.26	22.34	22.29		
20	64QAM	100	0	22.42	22.46	22.38		
20	256QAM	1	0	19.47	19.63	19.48	21	3
20	256QAM	1	49	19.51	19.63	19.45		
20	256QAM	1	99	19.38	19.43	19.33		
20	256QAM	50	0	19.37	19.53	19.37	21	3
20	256QAM	50	24	19.33	19.39	19.36		
20	256QAM	50	50	19.25	19.35	19.32		
20	256QAM	100	0	19.43	19.63	19.49		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.60	22.68	22.61	24	0
15	QPSK	1	37	22.42	22.58	22.49		
15	QPSK	1	74	22.40	22.49	22.46		
15	QPSK	36	0	22.42	22.59	22.47	24	0
15	QPSK	36	20	22.30	22.51	22.38		
15	QPSK	36	39	22.31	22.39	22.29		
15	QPSK	75	0	22.34	22.50	22.34		
15	16QAM	1	0	22.30	22.53	22.42	24	0
15	16QAM	1	37	22.24	22.41	22.29		
15	16QAM	1	74	22.24	22.41	22.23		
15	16QAM	36	0	22.29	22.42	22.34	24	0
15	16QAM	36	20	22.32	22.27	22.28		
15	16QAM	36	39	22.27	22.28	22.24		
15	16QAM	75	0	22.26	22.44	22.27		
15	64QAM	1	0	22.17	22.37	22.21	24	0
15	64QAM	1	37	22.22	22.17	22.16		
15	64QAM	1	74	22.14	22.21	22.21		
15	64QAM	36	0	22.23	22.41	22.19	24	0
15	64QAM	36	20	22.14	22.23	22.22		
15	64QAM	36	39	22.20	22.30	22.17		
15	64QAM	75	0	22.28	22.34	22.29		
15	256QAM	1	0	19.35	19.58	19.38	21	3
15	256QAM	1	37	19.39	19.50	19.40		
15	256QAM	1	74	19.33	19.30	19.26		
15	256QAM	36	0	19.27	19.45	19.29	21	3
15	256QAM	36	20	19.23	19.25	19.26		
15	256QAM	36	39	19.14	19.23	19.20		
15	256QAM	75	0	19.39	19.51	19.42		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	22.60	22.61	22.60	24	0
10	QPSK	1	25	22.46	22.54	22.50		
10	QPSK	1	49	22.34	22.52	22.43		
10	QPSK	25	0	22.42	22.57	22.40	24	0
10	QPSK	25	12	22.37	22.50	22.43		
10	QPSK	25	25	22.27	22.33	22.27		
10	QPSK	50	0	22.30	22.49	22.32		
10	16QAM	1	0	22.28	22.49	22.37	24	0
10	16QAM	1	25	22.24	22.33	22.30		
10	16QAM	1	49	22.24	22.36	22.32		
10	16QAM	25	0	22.27	22.40	22.34	24	0
10	16QAM	25	12	22.32	22.33	22.22		
10	16QAM	25	25	22.21	22.35	22.25		
10	16QAM	50	0	22.25	22.43	22.26		
10	64QAM	1	0	22.21	22.43	22.16	24	0
10	64QAM	1	25	22.17	22.15	22.16		
10	64QAM	1	49	22.13	22.22	22.13		
10	64QAM	25	0	22.23	22.45	22.21	24	0
10	64QAM	25	12	22.22	22.26	22.20		
10	64QAM	25	25	22.20	22.29	22.20		
10	64QAM	50	0	22.37	22.34	22.25		
10	256QAM	1	0	19.36	19.58	19.41	21	3
10	256QAM	1	25	19.38	19.57	19.34		
10	256QAM	1	49	19.27	19.31	19.27		
10	256QAM	25	0	19.25	19.46	19.32	21	3
10	256QAM	25	12	19.28	19.30	19.26		
10	256QAM	25	25	19.14	19.28	19.19		
10	256QAM	50	0	19.33	19.54	19.39		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.62	22.67	22.64	24	0
5	QPSK	1	12	22.39	22.54	22.46		
5	QPSK	1	24	22.38	22.51	22.49		
5	QPSK	12	0	22.41	22.57	22.44	24	0
5	QPSK	12	7	22.34	22.45	22.41		
5	QPSK	12	13	22.30	22.39	22.33		
5	QPSK	25	0	22.34	22.52	22.32		
5	16QAM	1	0	22.31	22.45	22.33	24	0
5	16QAM	1	12	22.31	22.42	22.28		
5	16QAM	1	24	22.19	22.33	22.30		
5	16QAM	12	0	22.33	22.46	22.32	24	0
5	16QAM	12	7	22.24	22.23	22.28		
5	16QAM	12	13	22.23	22.28	22.20		
5	16QAM	25	0	22.29	22.46	22.23		
5	64QAM	1	0	22.20	22.41	22.32	24	0
5	64QAM	1	12	22.17	22.25	22.20		
5	64QAM	1	24	22.20	22.24	22.23		
5	64QAM	12	0	22.14	22.40	22.16	24	0
5	64QAM	12	7	22.23	22.23	22.28		
5	64QAM	12	13	22.14	22.20	22.15		
5	64QAM	25	0	22.37	22.38	22.27		
5	256QAM	1	0	19.37	19.50	19.39	21	3
5	256QAM	1	12	19.43	19.52	19.42		
5	256QAM	1	24	19.25	19.33	19.29		
5	256QAM	12	0	19.26	19.42	19.33	21	3
5	256QAM	12	7	19.28	19.33	19.25		
5	256QAM	12	13	19.13	19.29	19.28		
5	256QAM	25	0	19.29	19.59	19.46		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.51	22.66	22.60	24	0
3	QPSK	1	8	22.37	22.51	22.45		
3	QPSK	1	14	22.39	22.51	22.41		
3	QPSK	8	0	22.43	22.58	22.44	24	0
3	QPSK	8	4	22.39	22.42	22.43		
3	QPSK	8	7	22.35	22.33	22.34		
3	QPSK	15	0	22.34	22.46	22.32		
3	16QAM	1	0	22.32	22.53	22.41	24	0
3	16QAM	1	8	22.26	22.36	22.33		
3	16QAM	1	14	22.18	22.30	22.30		
3	16QAM	8	0	22.28	22.43	22.34	24	0
3	16QAM	8	4	22.31	22.31	22.27		
3	16QAM	8	7	22.22	22.27	22.23		
3	16QAM	15	0	22.34	22.44	22.28		
3	64QAM	1	0	22.23	22.40	22.20	24	0
3	64QAM	1	8	22.22	22.18	22.21		
3	64QAM	1	14	22.10	22.22	22.22		
3	64QAM	8	0	22.23	22.41	22.16	24	0
3	64QAM	8	4	22.22	22.23	22.27		
3	64QAM	8	7	22.14	22.26	22.16		
3	64QAM	15	0	22.35	22.38	22.26		
3	256QAM	1	0	19.42	19.56	19.35	21	3
3	256QAM	1	8	19.37	19.55	19.37		
3	256QAM	1	14	19.23	19.29	19.21		
3	256QAM	8	0	19.29	19.47	19.33	21	3
3	256QAM	8	4	19.19	19.30	19.28		
3	256QAM	8	7	19.21	19.30	19.25		
3	256QAM	15	0	19.36	19.59	19.36		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.61	22.61	22.66	24	0
1.4	QPSK	1	3	22.40	22.57	22.43		
1.4	QPSK	1	5	22.33	22.53	22.46		
1.4	QPSK	3	0	22.43	22.56	22.40		
1.4	QPSK	3	1	22.31	22.50	22.40		
1.4	QPSK	3	3	22.35	22.36	22.34		
1.4	QPSK	6	0	22.31	22.46	22.37	24	0
1.4	16QAM	1	0	22.29	22.54	22.36	24	0
1.4	16QAM	1	3	22.28	22.41	22.36		
1.4	16QAM	1	5	22.21	22.37	22.30		
1.4	16QAM	3	0	22.24	22.47	22.30		
1.4	16QAM	3	1	22.24	22.30	22.23		
1.4	16QAM	3	3	22.26	22.31	22.26		
1.4	16QAM	6	0	22.28	22.44	22.21	24	0
1.4	64QAM	1	0	22.19	22.36	22.26	24	0
1.4	64QAM	1	3	22.24	22.16	22.18		
1.4	64QAM	1	5	22.19	22.20	22.20		
1.4	64QAM	3	0	22.19	22.42	22.22		
1.4	64QAM	3	1	22.20	22.21	22.22		
1.4	64QAM	3	3	22.19	22.31	22.19		
1.4	64QAM	6	0	22.34	22.33	22.30	24	0
1.4	256QAM	1	0	19.34	19.57	19.40	21	3
1.4	256QAM	1	3	19.46	19.50	19.31		
1.4	256QAM	1	5	19.34	19.40	19.27		
1.4	256QAM	3	0	19.33	19.50	19.26		
1.4	256QAM	3	1	19.30	19.32	19.23		
1.4	256QAM	3	3	19.21	19.32	19.19		
1.4	256QAM	6	0	19.31	19.50	19.41	21	3

Band 4 Default Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	22.72	22.87	22.67	24	0
20	QPSK	1	49	22.61	22.78	22.53		
20	QPSK	1	99	22.54	22.73	22.53		
20	QPSK	50	0	22.67	22.81	22.72	24	0
20	QPSK	50	24	22.60	22.62	22.66		
20	QPSK	50	50	22.52	22.60	22.56		
20	QPSK	100	0	22.57	22.72	22.60		
20	16QAM	1	0	22.66	22.83	22.66	24	0
20	16QAM	1	49	22.56	22.67	22.60		
20	16QAM	1	99	22.55	22.63	22.57		
20	16QAM	50	0	22.44	22.57	22.38	24	0
20	16QAM	50	24	22.40	22.37	22.36		
20	16QAM	50	50	22.26	22.38	22.28		
20	16QAM	100	0	22.45	22.59	22.39		
20	64QAM	1	0	22.50	22.61	22.43	24	0
20	64QAM	1	49	22.42	22.48	22.45		
20	64QAM	1	99	22.32	22.40	22.38		
20	64QAM	50	0	21.41	21.60	21.48	23	1
20	64QAM	50	24	21.36	21.47	21.36		
20	64QAM	50	50	21.28	21.40	21.37		
20	64QAM	100	0	21.46	21.60	21.51		
20	256QAM	1	0	19.52	19.69	19.60	21	3
20	256QAM	1	49	19.44	19.69	19.45		
20	256QAM	1	99	19.40	19.44	19.50		
20	256QAM	50	0	19.56	19.67	19.56	21	3
20	256QAM	50	24	19.43	19.53	19.45		
20	256QAM	50	50	19.38	19.42	19.38		
20	256QAM	100	0	19.41	19.63	19.53		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.68	22.83	22.64	24	0
15	QPSK	1	37	22.52	22.70	22.49		
15	QPSK	1	74	22.41	22.59	22.40		
15	QPSK	36	0	22.54	22.75	22.58	24	0
15	QPSK	36	20	22.47	22.56	22.55		
15	QPSK	36	39	22.40	22.49	22.44		
15	QPSK	75	0	22.51	22.69	22.57		
15	16QAM	1	0	22.61	22.79	22.53	24	0
15	16QAM	1	37	22.52	22.54	22.52		
15	16QAM	1	74	22.43	22.49	22.46		
15	16QAM	36	0	22.38	22.53	22.29	24	0
15	16QAM	36	20	22.34	22.30	22.22		
15	16QAM	36	39	22.17	22.25	22.15		
15	16QAM	75	0	22.40	22.44	22.33		
15	64QAM	1	0	22.39	22.54	22.33	24	0
15	64QAM	1	37	22.32	22.42	22.41		
15	64QAM	1	74	22.22	22.26	22.25		
15	64QAM	36	0	21.27	21.47	21.42	23	1
15	64QAM	36	20	21.26	21.39	21.30		
15	64QAM	36	39	21.19	21.34	21.25		
15	64QAM	75	0	21.36	21.53	21.48		
15	256QAM	1	0	19.45	19.58	19.46	21	3
15	256QAM	1	37	19.39	19.64	19.42		
15	256QAM	1	74	19.28	19.37	19.40		
15	256QAM	36	0	19.45	19.55	19.44	21	3
15	256QAM	36	20	19.32	19.50	19.37		
15	256QAM	36	39	19.23	19.29	19.28		
15	256QAM	75	0	19.30	19.55	19.47		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.67	22.78	22.56	24	0
10	QPSK	1	25	22.55	22.72	22.43		
10	QPSK	1	49	22.48	22.66	22.43		
10	QPSK	25	0	22.62	22.70	22.64	24	0
10	QPSK	25	12	22.54	22.49	22.59		
10	QPSK	25	25	22.39	22.47	22.46		
10	QPSK	50	0	22.48	22.63	22.45		
10	16QAM	1	0	22.58	22.76	22.63	24	0
10	16QAM	1	25	22.54	22.58	22.49		
10	16QAM	1	49	22.47	22.54	22.46		
10	16QAM	25	0	22.40	22.45	22.33	24	0
10	16QAM	25	12	22.30	22.29	22.30		
10	16QAM	25	25	22.13	22.31	22.19		
10	16QAM	50	0	22.42	22.51	22.35		
10	64QAM	1	0	22.43	22.50	22.34	24	0
10	64QAM	1	25	22.32	22.34	22.41		
10	64QAM	1	49	22.21	22.27	22.29		
10	64QAM	25	0	21.34	21.48	21.35	23	1
10	64QAM	25	12	21.30	21.37	21.30		
10	64QAM	25	25	21.16	21.30	21.30		
10	64QAM	50	0	21.34	21.48	21.42		
10	256QAM	1	0	19.46	19.64	19.55	21	3
10	256QAM	1	25	19.31	19.58	19.33		
10	256QAM	1	49	19.32	19.34	19.44		
10	256QAM	25	0	19.50	19.62	19.44	21	3
10	256QAM	25	12	19.38	19.46	19.34		
10	256QAM	25	25	19.30	19.29	19.31		
10	256QAM	50	0	19.36	19.52	19.44		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.62	22.73	22.55	24	0
5	QPSK	1	12	22.49	22.69	22.39		
5	QPSK	1	24	22.45	22.66	22.40		
5	QPSK	12	0	22.56	22.74	22.62	24	0
5	QPSK	12	7	22.57	22.59	22.59		
5	QPSK	12	13	22.42	22.48	22.48		
5	QPSK	25	0	22.47	22.61	22.54		
5	16QAM	1	0	22.54	22.79	22.62	24	0
5	16QAM	1	12	22.59	22.51	22.49		
5	16QAM	1	24	22.51	22.54	22.44		
5	16QAM	12	0	22.37	22.54	22.34	24	0
5	16QAM	12	7	22.26	22.22	22.29		
5	16QAM	12	13	22.22	22.29	22.15		
5	16QAM	25	0	22.39	22.49	22.35		
5	64QAM	1	0	22.37	22.53	22.37	24	0
5	64QAM	1	12	22.36	22.41	22.40		
5	64QAM	1	24	22.23	22.26	22.34		
5	64QAM	12	0	21.27	21.51	21.42	23	1
5	64QAM	12	7	21.24	21.39	21.22		
5	64QAM	12	13	21.24	21.27	21.33		
5	64QAM	25	0	21.37	21.45	21.44		
5	256QAM	1	0	19.38	19.65	19.51	21	3
5	256QAM	1	12	19.36	19.54	19.35		
5	256QAM	1	24	19.35	19.35	19.46		
5	256QAM	12	0	19.49	19.53	19.43	21	3
5	256QAM	12	7	19.33	19.40	19.30		
5	256QAM	12	13	19.32	19.33	19.30		
5	256QAM	25	0	19.31	19.52	19.43		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.61	22.73	22.52	24	0
3	QPSK	1	8	22.53	22.69	22.43		
3	QPSK	1	14	22.50	22.66	22.45		
3	QPSK	8	0	22.55	22.67	22.58	24	0
3	QPSK	8	4	22.49	22.56	22.54		
3	QPSK	8	7	22.42	22.51	22.47		
3	QPSK	15	0	22.48	22.68	22.56		
3	16QAM	1	0	22.53	22.68	22.56	24	0
3	16QAM	1	8	22.64	22.58	22.54		
3	16QAM	1	14	22.41	22.58	22.47		
3	16QAM	8	0	22.40	22.53	22.27	24	0
3	16QAM	8	4	22.37	22.24	22.29		
3	16QAM	8	7	22.17	22.30	22.17		
3	16QAM	15	0	22.41	22.50	22.25		
3	64QAM	1	0	22.43	22.57	22.31	24	0
3	64QAM	1	8	22.32	22.41	22.33		
3	64QAM	1	14	22.19	22.30	22.25		
3	64QAM	8	0	21.37	21.56	21.43	23	1
3	64QAM	8	4	21.22	21.37	21.30		
3	64QAM	8	7	21.18	21.27	21.26		
3	64QAM	15	0	21.32	21.50	21.41		
3	256QAM	1	0	19.43	19.63	19.52	21	3
3	256QAM	1	8	19.32	19.64	19.35		
3	256QAM	1	14	19.27	19.36	19.41		
3	256QAM	8	0	19.44	19.57	19.42	21	3
3	256QAM	8	4	19.31	19.41	19.36		
3	256QAM	8	7	19.31	19.33	19.25		
3	256QAM	15	0	19.35	19.59	19.47		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.58	22.82	22.57	24	0
1.4	QPSK	1	3	22.57	22.73	22.49		
1.4	QPSK	1	5	22.48	22.67	22.46		
1.4	QPSK	3	0	22.58	22.70	22.59		
1.4	QPSK	3	1	22.45	22.49	22.55		
1.4	QPSK	3	3	22.47	22.45	22.43		
1.4	QPSK	6	0	22.50	22.58	22.52	24	0
1.4	16QAM	1	0	22.53	22.73	22.56	24	0
1.4	16QAM	1	3	22.55	22.50	22.51		
1.4	16QAM	1	5	22.49	22.56	22.49		
1.4	16QAM	3	0	22.32	22.43	22.31		
1.4	16QAM	3	1	22.25	22.22	22.29		
1.4	16QAM	3	3	22.18	22.25	22.20		
1.4	16QAM	6	0	22.37	22.46	22.30	24	0
1.4	64QAM	1	0	22.35	22.53	22.29	24	0
1.4	64QAM	1	3	22.37	22.38	22.34		
1.4	64QAM	1	5	22.24	22.25	22.29		
1.4	64QAM	3	0	22.32	22.32	22.23		
1.4	64QAM	3	1	22.36	22.22	22.30		
1.4	64QAM	3	3	22.13	22.31	22.20		
1.4	64QAM	6	0	21.31	21.45	21.33	23	1
1.4	256QAM	1	0	19.38	19.55	19.47	21	3
1.4	256QAM	1	3	19.33	19.66	19.33		
1.4	256QAM	1	5	19.31	19.37	19.39		
1.4	256QAM	3	0	19.47	19.56	19.45		
1.4	256QAM	3	1	19.38	19.44	19.35		
1.4	256QAM	3	3	19.28	19.29	19.32		
1.4	256QAM	6	0	19.30	19.48	19.44	21	3

Band 7 DSI3_Standalone Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	22.58	22.62	22.51	23.9	0
20	QPSK	1	49	22.47	22.54	22.44		
20	QPSK	1	99	22.39	22.43	22.41		
20	QPSK	50	0	22.44	22.55	22.43	23.9	0
20	QPSK	50	24	22.42	22.47	22.33		
20	QPSK	50	50	22.18	22.40	22.19		
20	QPSK	100	0	22.35	22.46	22.39		
20	16QAM	1	0	22.32	22.56	22.36	23.9	0
20	16QAM	1	49	22.34	22.30	22.31		
20	16QAM	1	99	22.44	22.34	22.33		
20	16QAM	50	0	22.23	22.40	22.17	23.8	0.1
20	16QAM	50	24	22.14	22.23	22.20		
20	16QAM	50	50	22.14	22.30	22.17		
20	16QAM	100	0	22.28	22.36	22.25		
20	64QAM	1	0	22.21	22.44	22.36	23.8	0.1
20	64QAM	1	49	22.16	22.21	22.29		
20	64QAM	1	99	22.24	22.23	22.20		
20	64QAM	50	0	21.63	21.80	21.68	22.5	1.4
20	64QAM	50	24	21.58	21.65	21.58		
20	64QAM	50	50	21.50	21.56	21.58		
20	64QAM	100	0	21.52	21.60	21.56		
20	256QAM	1	0	19.72	19.84	19.68	20.5	3.4
20	256QAM	1	49	19.69	19.84	19.64		
20	256QAM	1	99	19.61	19.59	19.60		
20	256QAM	50	0	19.69	19.81	19.62	20.5	3.4
20	256QAM	50	24	19.63	19.69	19.58		
20	256QAM	50	50	19.58	19.56	19.60		
20	256QAM	100	0	19.62	19.77	19.64		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	22.50	22.56	22.48	23.9	0
15	QPSK	1	37	22.36	22.49	22.37		
15	QPSK	1	74	22.31	22.36	22.35		
15	QPSK	36	0	22.39	22.48	22.32	23.9	0
15	QPSK	36	20	22.28	22.41	22.27		
15	QPSK	36	39	22.11	22.29	22.11		
15	QPSK	75	0	22.31	22.36	22.35		
15	16QAM	1	0	22.22	22.44	22.26	23.9	0
15	16QAM	1	37	22.26	22.27	22.25		
15	16QAM	1	74	22.37	22.31	22.20		
15	16QAM	36	0	22.20	22.37	22.04	23.8	0.1
15	16QAM	36	20	22.03	22.14	22.12		
15	16QAM	36	39	22.04	22.26	22.11		
15	16QAM	75	0	22.25	22.30	22.22		
15	64QAM	1	0	22.09	22.39	22.25	23.8	0.1
15	64QAM	1	37	22.09	22.08	22.21		
15	64QAM	1	74	22.11	22.11	22.11		
15	64QAM	36	0	21.53	21.76	21.65	22.5	1.4
15	64QAM	36	20	21.54	21.53	21.45		
15	64QAM	36	39	21.35	21.49	21.55		
15	64QAM	75	0	21.44	21.49	21.46		
15	256QAM	1	0	19.63	19.78	19.59	20.5	3.4
15	256QAM	1	37	19.56	19.80	19.56		
15	256QAM	1	74	19.48	19.52	19.55		
15	256QAM	36	0	19.55	19.69	19.53	20.5	3.4
15	256QAM	36	20	19.57	19.61	19.50		
15	256QAM	36	39	19.45	19.49	19.54		
15	256QAM	75	0	19.50	19.72	19.51		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	22.51	22.59	22.47	23.9	0
10	QPSK	1	25	22.45	22.49	22.35		
10	QPSK	1	49	22.30	22.40	22.35		
10	QPSK	25	0	22.38	22.46	22.31	23.9	0
10	QPSK	25	12	22.29	22.34	22.21		
10	QPSK	25	25	22.08	22.37	22.16		
10	QPSK	50	0	22.22	22.43	22.26		
10	16QAM	1	0	22.24	22.52	22.27	23.9	0
10	16QAM	1	25	22.21	22.24	22.18		
10	16QAM	1	49	22.37	22.27	22.30		
10	16QAM	25	0	22.20	22.31	22.03	23.8	0.1
10	16QAM	25	12	22.02	22.11	22.13		
10	16QAM	25	25	22.07	22.19	22.10		
10	16QAM	50	0	22.17	22.31	22.13		
10	64QAM	1	0	22.14	22.33	22.27	23.8	0.1
10	64QAM	1	25	22.13	22.08	22.16		
10	64QAM	1	49	22.17	22.16	22.09		
10	64QAM	25	0	21.58	21.77	21.63	22.5	1.4
10	64QAM	25	12	21.45	21.50	21.50		
10	64QAM	25	25	21.36	21.49	21.51		
10	64QAM	50	0	21.49	21.47	21.47		
10	256QAM	1	0	19.64	19.70	19.62	20.5	3.4
10	256QAM	1	25	19.66	19.78	19.52		
10	256QAM	1	49	19.56	19.54	19.55		
10	256QAM	25	0	19.63	19.70	19.57	20.5	3.4
10	256QAM	25	12	19.50	19.56	19.47		
10	256QAM	25	25	19.47	19.42	19.45		
10	256QAM	50	0	19.51	19.65	19.52		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	22.45	22.59	22.43	23.9	0
5	QPSK	1	12	22.33	22.48	22.37		
5	QPSK	1	24	22.35	22.36	22.29		
5	QPSK	12	0	22.37	22.50	22.41	23.9	0
5	QPSK	12	7	22.39	22.33	22.20		
5	QPSK	12	13	22.10	22.37	22.14		
5	QPSK	25	0	22.23	22.39	22.31		
5	16QAM	1	0	22.27	22.45	22.26	23.9	0
5	16QAM	1	12	22.30	22.18	22.18		
5	16QAM	1	24	22.38	22.22	22.29		
5	16QAM	12	0	22.20	22.33	22.03	23.8	0.1
5	16QAM	12	7	22.03	22.17	22.16		
5	16QAM	12	13	22.09	22.28	22.06		
5	16QAM	25	0	22.22	22.28	22.18		
5	64QAM	1	0	22.18	22.37	22.32	23.8	0.1
5	64QAM	1	12	22.03	22.10	22.16		
5	64QAM	1	24	22.14	22.14	22.09		
5	64QAM	12	0	21.58	21.71	21.65	22.5	1.4
5	64QAM	12	7	21.52	21.53	21.43		
5	64QAM	12	13	21.46	21.45	21.52		
5	64QAM	25	0	21.37	21.52	21.41		
5	256QAM	1	0	19.65	19.80	19.55	20.5	3.4
5	256QAM	1	12	19.64	19.75	19.53		
5	256QAM	1	24	19.51	19.51	19.55		
5	256QAM	12	0	19.63	19.74	19.53	20.5	3.4
5	256QAM	12	7	19.57	19.60	19.53		
5	256QAM	12	13	19.54	19.47	19.45		
5	256QAM	25	0	19.52	19.69	19.50		

Band 25 Default Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26599		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	22.60	22.76	22.72		
20	QPSK	1	49	22.49	22.60	22.54	24	0
20	QPSK	1	99	22.36	22.55	22.55		
20	QPSK	50	0	22.50	22.66	22.47		
20	QPSK	50	24	22.39	22.50	22.47	24	0
20	QPSK	50	50	22.39	22.49	22.45		
20	QPSK	100	0	22.49	22.62	22.53		
20	16QAM	1	0	22.42	22.59	22.47		
20	16QAM	1	49	22.36	22.42	22.38	24	0
20	16QAM	1	99	22.39	22.44	22.38		
20	16QAM	50	0	22.37	22.56	22.37		
20	16QAM	50	24	22.40	22.46	22.42	24	0
20	16QAM	50	50	22.34	22.36	22.34		
20	16QAM	100	0	22.47	22.61	22.46		
20	64QAM	1	0	22.39	22.55	22.46		
20	64QAM	1	49	22.35	22.40	22.32	24	0
20	64QAM	1	99	22.28	22.33	22.28		
20	64QAM	50	0	21.45	21.56	21.45		
20	64QAM	50	24	21.38	21.38	21.36	23	1
20	64QAM	50	50	21.26	21.33	21.34		
20	64QAM	100	0	21.59	21.64	21.57		
20	256QAM	1	0	19.51	19.65	19.52		
20	256QAM	1	49	19.43	19.65	19.47	21	3
20	256QAM	1	99	19.44	19.42	19.40		
20	256QAM	50	0	19.45	19.63	19.53		
20	256QAM	50	24	19.38	19.46	19.41	21	3
20	256QAM	50	50	19.42	19.40	19.39		
20	256QAM	100	0	19.44	19.66	19.54		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	22.50	22.69	22.65		
15	QPSK	1	37	22.45	22.55	22.47	24	0
15	QPSK	1	74	22.27	22.48	22.42		
15	QPSK	36	0	22.38	22.62	22.37		
15	QPSK	36	20	22.30	22.37	22.41	24	0
15	QPSK	36	39	22.35	22.43	22.42		
15	QPSK	75	0	22.44	22.55	22.41		
15	16QAM	1	0	22.36	22.51	22.34		
15	16QAM	1	37	22.25	22.39	22.31	24	0
15	16QAM	1	74	22.26	22.36	22.30		
15	16QAM	36	0	22.26	22.53	22.29		
15	16QAM	36	20	22.32	22.33	22.33	24	0
15	16QAM	36	39	22.31	22.30	22.31		
15	16QAM	75	0	22.34	22.58	22.43		
15	64QAM	1	0	22.30	22.42	22.36		
15	64QAM	1	37	22.23	22.37	22.22	24	0
15	64QAM	1	74	22.22	22.24	22.13		
15	64QAM	36	0	21.34	21.52	21.34		
15	64QAM	36	20	21.31	21.25	21.30	23	1
15	64QAM	36	39	21.18	21.18	21.24		
15	64QAM	75	0	21.52	21.58	21.54		
15	256QAM	1	0	19.37	19.53	19.38		
15	256QAM	1	37	19.40	19.61	19.37	21	3
15	256QAM	1	74	19.30	19.38	19.36		
15	256QAM	36	0	19.35	19.53	19.41		
15	256QAM	36	20	19.29	19.43	19.29	21	3
15	256QAM	36	39	19.34	19.35	19.26		
15	256QAM	75	0	19.32	19.53	19.40		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	22.50	22.63	22.58		
10	QPSK	1	25	22.35	22.52	22.44	24	0
10	QPSK	1	49	22.26	22.47	22.47		
10	QPSK	25	0	22.37	22.61	22.43		
10	QPSK	25	12	22.26	22.37	22.40	24	0
10	QPSK	25	25	22.30	22.35	22.38		
10	QPSK	50	0	22.38	22.48	22.43		
10	16QAM	1	0	22.39	22.45	22.36		
10	16QAM	1	25	22.25	22.37	22.29	24	0
10	16QAM	1	49	22.24	22.30	22.33		
10	16QAM	25	0	22.34	22.52	22.28		
10	16QAM	25	12	22.26	22.36	22.38	24	0
10	16QAM	25	25	22.26	22.24	22.29		
10	16QAM	50	0	22.33	22.52	22.34		
10	64QAM	1	0	22.30	22.42	22.33		
10	64QAM	1	25	22.23	22.30	22.21	24	0
10	64QAM	1	49	22.15	22.23	22.14		
10	64QAM	25	0	21.37	21.45	21.35		
10	64QAM	25	12	21.34	21.34	21.29	23	1
10	64QAM	25	25	21.22	21.20	21.25		
10	64QAM	50	0	21.54	21.54	21.44		
10	256QAM	1	0	19.48	19.55	19.43		
10	256QAM	1	25	19.39	19.59	19.44	21	3
10	256QAM	1	49	19.35	19.35	19.35		
10	256QAM	25	0	19.32	19.53	19.48		
10	256QAM	25	12	19.32	19.32	19.33	21	3
10	256QAM	25	25	19.37	19.28	19.25		
10	256QAM	50	0	19.41	19.53	19.47		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	22.50	22.67	22.65		
5	QPSK	1	12	22.42	22.57	22.40	24	0
5	QPSK	1	24	22.25	22.46	22.41		
5	QPSK	12	0	22.45	22.62	22.44		
5	QPSK	12	7	22.30	22.46	22.38	24	0
5	QPSK	12	13	22.26	22.44	22.38		
5	QPSK	25	0	22.45	22.49	22.40		
5	16QAM	1	0	22.29	22.48	22.40		
5	16QAM	1	12	22.32	22.29	22.34	24	0
5	16QAM	1	24	22.28	22.40	22.28		
5	16QAM	12	0	22.24	22.45	22.23		
5	16QAM	12	7	22.33	22.39	22.36	24	0
5	16QAM	12	13	22.26	22.26	22.26		
5	16QAM	25	0	22.36	22.49	22.35		
5	64QAM	1	0	22.32	22.47	22.42		
5	64QAM	1	12	22.28	22.34	22.17	24	0
5	64QAM	1	24	22.14	22.24	22.25		
5	64QAM	12	0	21.34	21.47	21.36		
5	64QAM	12	7	21.28	21.24	21.29	23	1
5	64QAM	12	13	21.12	21.27	21.24		
5	64QAM	25	0	21.46	21.59	21.49		
5	256QAM	1	0	19.47	19.57	19.38		
5	256QAM	1	12	19.38	19.52	19.33	21	3
5	256QAM	1	24	19.31	19.30	19.28		
5	256QAM	12	0	19.37	19.58	19.42		
5	256QAM	12	7	19.32	19.41	19.26	21	3
5	256QAM	12	13	19.38	19.32	19.30		
5	256QAM	25	0	19.31	19.60	19.40		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	22.47	22.65	22.69		
3	QPSK	1	8	22.45	22.55	22.44	24	0
3	QPSK	1	14	22.28	22.45	22.42		
3	QPSK	8	0	22.36	22.61	22.39		
3	QPSK	8	4	22.32	22.43	22.39	24	0
3	QPSK	8	7	22.26	22.39	22.38		
3	QPSK	15	0	22.39	22.49	22.45		
3	16QAM	1	0	22.29	22.47	22.34		
3	16QAM	1	8	22.25	22.35	22.25	24	0
3	16QAM	1	14	22.32	22.40	22.33		
3	16QAM	8	0	22.32	22.42	22.22		
3	16QAM	8	4	22.32	22.39	22.36	24	0
3	16QAM	8	7	22.27	22.31	22.27		
3	16QAM	15	0	22.33	22.58	22.39		
3	64QAM	1	0	22.26	22.49	22.40		
3	64QAM	1	8	22.22	22.25	22.28	24	0
3	64QAM	1	14	22.24	22.27	22.16		
3	64QAM	8	0	21.34	21.46	21.30		
3	64QAM	8	4	21.26	21.29	21.32	23	1
3	64QAM	8	7	21.13	21.22	21.21		
3	64QAM	15	0	21.52	21.50	21.45		
3	256QAM	1	0	19.47	19.54	19.40		
3	256QAM	1	8	19.37	19.61	19.37	21	3
3	256QAM	1	14	19.39	19.30	19.27		
3	256QAM	8	0	19.37	19.53	19.50		
3	256QAM	8	4	19.24	19.41	19.32	21	3
3	256QAM	8	7	19.28	19.32	19.36		
3	256QAM	15	0	19.32	19.62	19.43		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	22.47	22.62	22.69		
1.4	QPSK	1	3	22.41	22.56	22.47		
1.4	QPSK	1	5	22.23	22.44	22.48	24	0
1.4	QPSK	3	0	22.40	22.63	22.41		
1.4	QPSK	3	1	22.29	22.38	22.36		
1.4	QPSK	3	3	22.35	22.43	22.38		
1.4	QPSK	6	0	22.40	22.49	22.48	24	0
1.4	16QAM	1	0	22.37	22.51	22.33		
1.4	16QAM	1	3	22.25	22.36	22.33		
1.4	16QAM	1	5	22.27	22.33	22.24	24	0
1.4	16QAM	3	0	22.26	22.45	22.26		
1.4	16QAM	3	1	22.31	22.38	22.35		
1.4	16QAM	3	3	22.29	22.29	22.24		
1.4	16QAM	6	0	22.41	22.46	22.38	24	0
1.4	64QAM	1	0	22.36	22.42	22.34		
1.4	64QAM	1	3	22.22	22.32	22.19		
1.4	64QAM	1	5	22.23	22.22	22.14	24	0
1.4	64QAM	3	0	22.25	22.32	22.26		
1.4	64QAM	3	1	22.34	22.57	22.38		
1.4	64QAM	3	3	22.28	22.44	22.32		
1.4	64QAM	6	0	21.54	21.51	21.52	23	1
1.4	256QAM	1	0	19.47	19.53	19.45		
1.4	256QAM	1	3	19.40	19.57	19.35		
1.4	256QAM	1	5	19.32	19.38	19.34	21	3
1.4	256QAM	3	0	19.36	19.52	19.48		
1.4	256QAM	3	1	19.34	19.33	19.27		
1.4	256QAM	3	3	19.35	19.31	19.31		
1.4	256QAM	6	0	19.34	19.58	19.40	21	3

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		22.95			
10	QPSK	1	25		22.76		24	0
10	QPSK	1	49		22.77			
10	QPSK	25	0		22.91			
10	QPSK	25	12		22.80		24	0
10	QPSK	25	25		22.69			
10	QPSK	50	0		22.84			
10	16QAM	1	0		22.80			
10	16QAM	1	25		22.61		24	0
10	16QAM	1	49		22.60			
10	16QAM	25	0		22.77			
10	16QAM	25	12		22.66		24	0
10	16QAM	25	25		22.59			
10	16QAM	50	0		22.71			
10	64QAM	1	0		22.79			
10	64QAM	1	25		22.62		24	0
10	64QAM	1	49		22.57			
10	64QAM	25	0		21.81			
10	64QAM	25	12		21.69		23	1
10	64QAM	25	25		21.58			
10	64QAM	50	0		21.67			
10	256QAM	1	0		19.84			
10	256QAM	1	25		19.84		21	3
10	256QAM	1	49		19.70			
10	256QAM	25	0		19.79			
10	256QAM	25	12		19.66		21	3
10	256QAM	25	25		19.57			
10	256QAM	50	0		19.79			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	22.84	22.91	22.87		
5	QPSK	1	12	22.68	22.71	22.72	24	0
5	QPSK	1	24	22.66	22.64	22.68		
5	QPSK	12	0	22.77	22.77	22.81		
5	QPSK	12	7	22.71	22.76	22.70	24	0
5	QPSK	12	13	22.63	22.59	22.64		
5	QPSK	25	0	22.78	22.77	22.78		
5	16QAM	1	0	22.74	22.68	22.66		
5	16QAM	1	12	22.51	22.57	22.46	24	0
5	16QAM	1	24	22.50	22.57	22.49		
5	16QAM	12	0	22.69	22.69	22.62		
5	16QAM	12	7	22.57	22.58	22.52	24	0
5	16QAM	12	13	22.48	22.53	22.55		
5	16QAM	25	0	22.66	22.64	22.59		
5	64QAM	1	0	22.68	22.73	22.74		
5	64QAM	1	12	22.51	22.55	22.47	24	0
5	64QAM	1	24	22.43	22.53	22.42		
5	64QAM	12	0	21.68	21.69	21.69		
5	64QAM	12	7	21.65	21.61	21.64	23	1
5	64QAM	12	13	21.53	21.52	21.43		
5	64QAM	25	0	21.62	21.57	21.63		
5	256QAM	1	0	19.74	19.76	19.75		
5	256QAM	1	12	19.76	19.72	19.75	21	3
5	256QAM	1	24	19.62	19.63	19.64		
5	256QAM	12	0	19.74	19.71	19.64		
5	256QAM	12	7	19.58	19.54	19.58	21	3
5	256QAM	12	13	19.50	19.46	19.47		
5	256QAM	25	0	19.70	19.69	19.67		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	22.72	22.89	22.83		
20	QPSK	1	49	22.69	22.75	22.72	24	0
20	QPSK	1	99	22.59	22.72	22.58		
20	QPSK	50	0	22.66	22.87	22.77		
20	QPSK	50	24	22.63	22.77	22.74	24	0
20	QPSK	50	50	22.58	22.64	22.67		
20	QPSK	100	0	22.70	22.83	22.74		
20	16QAM	1	0	22.64	22.80	22.65		
20	16QAM	1	49	22.64	22.68	22.61	24	0
20	16QAM	1	99	22.51	22.56	22.57		
20	16QAM	50	0	22.57	22.73	22.59		
20	16QAM	50	24	22.53	22.62	22.53	24	0
20	16QAM	50	50	22.47	22.58	22.46		
20	16QAM	100	0	22.50	22.67	22.57		
20	64QAM	1	0	22.47	22.62	22.52		
20	64QAM	1	49	22.39	22.47	22.42	24	0
20	64QAM	1	99	22.38	22.42	22.35		
20	64QAM	50	0	21.46	21.66	21.48		
20	64QAM	50	24	21.46	21.51	21.47	23	1
20	64QAM	50	50	21.37	21.49	21.46		
20	64QAM	100	0	21.67	21.68	21.60		
20	256QAM	1	0	19.58	19.75	19.61		
20	256QAM	1	49	19.57	19.75	19.54	21	3
20	256QAM	1	99	19.47	19.51	19.48		
20	256QAM	50	0	19.58	19.71	19.61		
20	256QAM	50	24	19.56	19.61	19.46	21	3
20	256QAM	50	50	19.46	19.53	19.50		
20	256QAM	100	0	19.45	19.64	19.54		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	22.65	22.84	22.71		
15	QPSK	1	37	22.56	22.68	22.60	24	0
15	QPSK	1	74	22.46	22.68	22.48		
15	QPSK	36	0	22.63	22.80	22.68		
15	QPSK	36	20	22.55	22.67	22.64	24	0
15	QPSK	36	39	22.44	22.58	22.56		
15	QPSK	75	0	22.57	22.75	22.60		
15	16QAM	1	0	22.58	22.76	22.58		
15	16QAM	1	37	22.61	22.54	22.53	24	0
15	16QAM	1	74	22.43	22.50	22.48		
15	16QAM	36	0	22.46	22.61	22.47		
15	16QAM	36	20	22.44	22.58	22.40	24	0
15	16QAM	36	39	22.33	22.47	22.38		
15	16QAM	75	0	22.37	22.61	22.48		
15	64QAM	1	0	22.34	22.55	22.43		
15	64QAM	1	37	22.29	22.41	22.35	24	0
15	64QAM	1	74	22.33	22.29	22.22		
15	64QAM	36	0	21.41	21.62	21.36		
15	64QAM	36	20	21.36	21.39	21.40	23	1
15	64QAM	36	39	21.29	21.40	21.35		
15	64QAM	75	0	21.54	21.62	21.57		
15	256QAM	1	0	19.49	19.67	19.56		
15	256QAM	1	37	19.51	19.71	19.45	21	3
15	256QAM	1	74	19.37	19.37	19.39		
15	256QAM	36	0	19.47	19.62	19.54		
15	256QAM	36	20	19.43	19.54	19.36	21	3
15	256QAM	36	39	19.38	19.48	19.37		
15	256QAM	75	0	19.40	19.50	19.45		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	22.63	22.79	22.74		
10	QPSK	1	25	22.56	22.68	22.58	24	0
10	QPSK	1	49	22.55	22.63	22.43		
10	QPSK	25	0	22.59	22.74	22.64		
10	QPSK	25	12	22.51	22.72	22.69	24	0
10	QPSK	25	25	22.50	22.61	22.62		
10	QPSK	50	0	22.66	22.69	22.68		
10	16QAM	1	0	22.58	22.72	22.50		
10	16QAM	1	25	22.50	22.60	22.50	24	0
10	16QAM	1	49	22.42	22.50	22.45		
10	16QAM	25	0	22.53	22.67	22.53		
10	16QAM	25	12	22.45	22.50	22.43	24	0
10	16QAM	25	25	22.43	22.48	22.37		
10	16QAM	50	0	22.36	22.59	22.44		
10	64QAM	1	0	22.37	22.47	22.40		
10	64QAM	1	25	22.33	22.39	22.38	24	0
10	64QAM	1	49	22.31	22.27	22.28		
10	64QAM	25	0	21.36	21.53	21.38		
10	64QAM	25	12	21.37	21.45	21.35	23	1
10	64QAM	25	25	21.24	21.43	21.33		
10	64QAM	50	0	21.58	21.63	21.53		
10	256QAM	1	0	19.45	19.68	19.49		
10	256QAM	1	25	19.42	19.63	19.44	21	3
10	256QAM	1	49	19.44	19.42	19.37		
10	256QAM	25	0	19.48	19.68	19.49		
10	256QAM	25	12	19.44	19.53	19.42	21	3
10	256QAM	25	25	19.38	19.44	19.41		
10	256QAM	50	0	19.32	19.52	19.42		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	22.67	22.81	22.76		
5	QPSK	1	12	22.57	22.64	22.62	24	0
5	QPSK	1	24	22.52	22.69	22.44		
5	QPSK	12	0	22.61	22.72	22.71		
5	QPSK	12	7	22.50	22.69	22.66	24	0
5	QPSK	12	13	22.43	22.55	22.57		
5	QPSK	25	0	22.59	22.70	22.63		
5	16QAM	1	0	22.55	22.70	22.59		
5	16QAM	1	12	22.60	22.60	22.55	24	0
5	16QAM	1	24	22.42	22.52	22.46		
5	16QAM	12	0	22.52	22.60	22.45		
5	16QAM	12	7	22.49	22.52	22.41	24	0
5	16QAM	12	13	22.33	22.51	22.41		
5	16QAM	25	0	22.45	22.60	22.46		
5	64QAM	1	0	22.44	22.51	22.39		
5	64QAM	1	12	22.33	22.35	22.39	24	0
5	64QAM	1	24	22.29	22.38	22.31		
5	64QAM	12	0	21.31	21.59	21.34		
5	64QAM	12	7	21.40	21.42	21.34	23	1
5	64QAM	12	13	21.26	21.45	21.43		
5	64QAM	25	0	21.55	21.58	21.50		
5	256QAM	1	0	19.52	19.64	19.54		
5	256QAM	1	12	19.43	19.72	19.42	21	3
5	256QAM	1	24	19.43	19.41	19.39		
5	256QAM	12	0	19.51	19.59	19.52		
5	256QAM	12	7	19.50	19.53	19.34	21	3
5	256QAM	12	13	19.40	19.39	19.44		
5	256QAM	25	0	19.37	19.57	19.44		
Channel				131967	132322	132697	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	22.62	22.85	22.70		
3	QPSK	1	8	22.65	22.66	22.58	24	0
3	QPSK	1	14	22.53	22.59	22.54		
3	QPSK	8	0	22.55	22.76	22.65		
3	QPSK	8	4	22.58	22.62	22.60	24	0
3	QPSK	8	7	22.52	22.56	22.58		
3	QPSK	15	0	22.55	22.74	22.68		
3	16QAM	1	0	22.57	22.69	22.61		
3	16QAM	1	8	22.61	22.60	22.54	24	0
3	16QAM	1	14	22.36	22.45	22.50		
3	16QAM	8	0	22.44	22.63	22.47		
3	16QAM	8	4	22.48	22.49	22.48	24	0
3	16QAM	8	7	22.38	22.50	22.42		
3	16QAM	15	0	22.36	22.63	22.48		
3	64QAM	1	0	22.43	22.53	22.42		
3	64QAM	1	8	22.35	22.36	22.30	24	0
3	64QAM	1	14	22.34	22.35	22.31		
3	64QAM	8	0	21.42	21.59	21.38		
3	64QAM	8	4	21.41	21.36	21.34	23	1
3	64QAM	8	7	21.25	21.34	21.37		
3	64QAM	15	0	21.55	21.59	21.48		
3	256QAM	1	0	19.54	19.67	19.54		
3	256QAM	1	8	19.51	19.66	19.41	21

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2586	2596	2610		
20	QPSK	1	0	20.74	20.89	20.48	22.2	0
20	QPSK	1	49	20.45	20.74	20.46		
20	QPSK	1	99	20.58	20.40	20.63		
20	QPSK	50	0	20.64	20.86	20.60		
20	QPSK	50	24	20.70	20.65	20.82		
20	QPSK	50	50	20.62	20.63	20.47		
20	QPSK	100	0	20.70	20.73	20.52		
20	16QAM	1	0	20.76	20.83	20.78	22.2	0
20	16QAM	1	49	20.72	20.78	20.81		
20	16QAM	1	99	20.77	20.76	20.66		
20	16QAM	50	0	20.73	20.63	20.60		
20	16QAM	50	24	20.41	20.65	20.76		
20	16QAM	50	50	20.45	20.64	20.52		
20	16QAM	100	0	20.69	20.80	20.63		
20	64QAM	1	0	20.63	20.73	20.81	22.2	0
20	64QAM	1	49	20.66	20.71	20.65		
20	64QAM	1	99	20.57	20.77	20.53		
20	64QAM	50	0	20.57	20.75	20.66		
20	64QAM	50	24	20.29	20.51	20.50		
20	64QAM	50	50	20.29	20.40	20.41		
20	64QAM	100	0	20.48	20.59	20.56		
20	256QAM	1	0	19.81	20.02	19.87	20.5	1.7
20	256QAM	1	49	19.81	20.02	19.85		
20	256QAM	1	99	19.80	19.77	19.75		
20	256QAM	50	0	19.89	20.04	19.86	20.5	1.7
20	256QAM	50	24	19.89	19.85	19.91		
20	256QAM	50	50	19.82	19.85	19.77		
20	256QAM	100	0	20.01	20.13	19.99		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	20.53	20.73	20.46	22.2	0
15	QPSK	1	37	20.47	20.67	20.33		
15	QPSK	1	74	20.53	20.40	20.57		
15	QPSK	36	0	20.52	20.67	20.46		
15	QPSK	36	20	20.68	20.45	20.70		
15	QPSK	36	39	20.40	20.42	20.39		
15	QPSK	75	0	20.68	20.52	20.50		
15	16QAM	1	0	20.83	20.81	20.56	22.2	0
15	16QAM	1	37	20.76	20.78	20.77		
15	16QAM	1	74	20.69	20.67	20.62		
15	16QAM	36	0	20.74	20.47	20.45		
15	16QAM	36	20	20.33	20.55	20.73		
15	16QAM	36	39	20.44	20.47	20.31		
15	16QAM	75	0	20.60	20.63	20.46		
15	64QAM	1	0	20.42	20.68	20.69	22.2	0
15	64QAM	1	37	20.64	20.57	20.56		
15	64QAM	1	74	20.57	20.73	20.41		
15	64QAM	36	0	20.44	20.59	20.63		
15	64QAM	36	20	20.17	20.48	20.38		
15	64QAM	36	39	20.26	20.19	20.22		
15	64QAM	75	0	20.43	20.53	20.39		
15	256QAM	1	0	19.75	19.95	19.75	20.5	1.7
15	256QAM	1	37	19.69	19.90	19.74		
15	256QAM	1	74	19.69	19.63	19.68		
15	256QAM	36	0	19.80	19.99	19.76	20.5	1.7
15	256QAM	36	20	19.82	19.73	19.76		
15	256QAM	36	39	19.77	19.77	19.66		
15	256QAM	75	0	19.93	20.09	19.85		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	20.49	20.65	20.35	22.2	0
10	QPSK	1	25	20.26	20.56	20.25		
10	QPSK	1	49	20.35	20.34	20.43		
10	QPSK	25	0	20.46	20.68	20.46		
10	QPSK	25	12	20.48	20.35	20.55		
10	QPSK	25	25	20.39	20.27	20.33		
10	QPSK	50	0	20.51	20.33	20.43		
10	16QAM	1	0	20.81	20.64	20.49	22.2	0
10	16QAM	1	25	20.57	20.67	20.69		
10	16QAM	1	49	20.58	20.68	20.41		
10	16QAM	25	0	20.55	20.33	20.37	22.2	0
10	16QAM	25	12	20.15	20.43	20.56		
10	16QAM	25	25	20.30	20.33	20.14		
10	16QAM	50	0	20.52	20.56	20.37		
10	64QAM	1	0	20.27	20.64	20.67	22.2	0
10	64QAM	1	25	20.58	20.46	20.42		
10	64QAM	1	49	20.48	20.56	20.40		
10	64QAM	25	0	20.34	20.52	20.63	22.2	0
10	64QAM	25	12	20.21	20.49	20.27		
10	64QAM	25	25	20.27	20.21	20.14		
10	64QAM	50	0	20.26	20.47	20.25		
10	256QAM	1	0	19.73	19.91	19.75	20.5	1.7
10	256QAM	1	25	19.74	19.88	19.72		
10	256QAM	1	49	19.67	19.64	19.70		
10	256QAM	25	0	19.76	19.95	19.73	20.5	1.7
10	256QAM	25	12	19.85	19.70	19.82		
10	256QAM	25	25	19.78	19.81	19.66		
10	256QAM	50	0	19.94	20.05	19.85		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	20.44	20.48	20.21	22.2	0
5	QPSK	1	12	20.20	20.47	20.22		
5	QPSK	1	24	20.35	20.21	20.34		
5	QPSK	12	0	20.39	20.65	20.27	22.2	0
5	QPSK	12	7	20.48	20.30	20.42		
5	QPSK	12	13	20.33	20.24	20.32		
5	QPSK	25	0	20.47	20.31	20.37		
5	16QAM	1	0	20.75	20.51	20.39	22.2	0
5	16QAM	1	12	20.49	20.68	20.62		
5	16QAM	1	24	20.37	20.56	20.26		
5	16QAM	12	0	20.34	20.24	20.26	22.2	0
5	16QAM	12	7	20.01	20.32	20.49		
5	16QAM	12	13	20.22	20.14	20.11		
5	16QAM	25	0	20.41	20.51	20.35		
5	64QAM	1	0	20.07	20.45	20.52	22.2	0
5	64QAM	1	12	20.41	20.36	20.31		
5	64QAM	1	24	20.49	20.47	20.41		
5	64QAM	12	0	20.19	20.39	20.50	22.2	0
5	64QAM	12	7	20.09	20.41	20.12		
5	64QAM	12	13	20.19	20.14	20.03		
5	64QAM	25	0	20.15	20.26	20.18		
5	256QAM	1	0	19.67	19.99	19.81	20.5	1.7
5	256QAM	1	12	19.68	19.93	19.77		
5	256QAM	1	24	19.69	19.67	19.62		
5	256QAM	12	0	19.80	19.91	19.73	20.5	1.7
5	256QAM	12	7	19.75	19.76	19.84		
5	256QAM	12	13	19.79	19.76	19.70		
5	256QAM	25	0	19.88	20.05	19.88		

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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	20.95	21.00	21.10	20.78	20.74	22.2	0
20	QPSK	1	49	20.69	20.72	20.85	20.78	20.72		
20	QPSK	1	99	20.80	20.69	20.67	20.73	20.65		
20	QPSK	50	0	20.89	20.84	21.02	20.88	20.83		
20	QPSK	50	24	20.78	20.83	20.85	20.92	20.88		
20	QPSK	50	50	20.61	20.79	20.86	20.74	20.63		
20	QPSK	100	0	20.81	20.81	20.93	20.68	20.92		
20	16QAM	1	0	21.08	21.06	21.05	21.05	21.04	22.2	0
20	16QAM	1	49	20.93	21.03	21.00	20.92	21.01		
20	16QAM	1	99	21.04	21.00	21.00	20.94	21.02		
20	16QAM	50	0	21.07	20.82	20.94	20.80	21.03	22	0.2
20	16QAM	50	24	20.68	20.68	20.77	20.94	20.83		
20	16QAM	50	50	20.73	20.70	20.90	20.74	20.70		
20	16QAM	100	0	20.98	20.96	21.04	20.88	21.05		
20	64QAM	1	0	21.02	20.88	21.02	21.09	21.02	22	0.2
20	64QAM	1	49	20.99	20.92	20.87	20.96	20.87		
20	64QAM	1	99	20.88	20.76	20.93	20.71	20.92		
20	64QAM	50	0	20.84	20.70	20.86	20.77	20.73	21	1.2
20	64QAM	50	24	20.58	20.60	20.76	20.62	20.60		
20	64QAM	50	50	20.64	20.60	20.71	20.72	20.57		
20	64QAM	100	0	20.67	20.71	20.81	20.66	20.69		
20	256QAM	1	0	18.42	18.31	18.52	18.40	18.47	19	3.2
20	256QAM	1	49	18.38	18.35	18.52	18.31	18.41		
20	256QAM	1	99	18.22	18.31	18.28	18.31	18.14		
20	256QAM	50	0	18.61	18.48	18.66	18.50	18.54	19	3.2
20	256QAM	50	24	18.41	18.46	18.51	18.43	18.36		
20	256QAM	50	50	18.43	18.35	18.49	18.38	18.42		
20	256QAM	100	0	18.57	18.50	18.66	18.54	18.62		
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	20.69	20.91	20.80	20.56	20.69	22.20	0
15	QPSK	1	37	20.72	20.56	20.88	20.60	20.57		
15	QPSK	1	74	20.57	20.60	20.70	20.56	20.60		
15	QPSK	36	0	20.91	20.86	20.96	20.65	20.79	22.2	0
15	QPSK	36	20	20.71	20.59	20.73	20.78	20.60		
15	QPSK	36	39	20.68	20.59	20.70	20.72	20.74		
15	QPSK	75	0	20.67	20.68	20.89	20.62	20.74		
15	16QAM	1	0	21.01	21.03	21.05	20.95	21.06	22.2	0
15	16QAM	1	37	21.00	20.89	21.04	20.94	20.79		
15	16QAM	1	74	20.97	20.81	21.06	21.05	20.99		
15	16QAM	36	0	20.97	20.86	20.95	20.85	20.71	22	0.2
15	16QAM	36	20	20.68	20.66	20.81	20.74	20.52		
15	16QAM	36	39	20.63	20.78	20.71	20.61	20.69		
15	16QAM	75	0	21.03	21.01	20.92	20.75	20.99		
15	64QAM	1	0	20.97	20.80	20.87	20.98	20.89	22	0.2
15	64QAM	1	37	20.87	20.71	20.90	20.88	20.81		
15	64QAM	1	74	20.63	20.65	20.91	20.78	20.74		
15	64QAM	36	0	20.71	20.66	20.73	20.66	20.67	21	1.2
15	64QAM	36	20	20.53	20.55	20.67	20.59	20.48		
15	64QAM	36	39	20.60	20.50	20.59	20.64	20.51		
15	64QAM	75	0	20.64	20.57	20.76	20.59	20.58		
15	256QAM	1	0	18.32	18.18	18.40	18.26	18.34	19	3.2
15	256QAM	1	37	18.24	18.20	18.41	18.16	18.35		
15	256QAM	1	74	18.11	18.20	18.25	18.25	18.11		
15	256QAM	36	0	18.56	18.38	18.56	18.45	18.43	19	3.2
15	256QAM	36	20	18.37	18.32	18.42	18.30	18.22		
15	256QAM	36	39	18.28	18.23	18.37	18.24	18.30		
15	256QAM	75	0	18.45	18.45	18.53	18.43	18.56		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	20.73	20.96	20.85	20.59	20.58	22.20	0
10	QPSK	1	25	20.65	20.60	20.69	20.52	20.69		
10	QPSK	1	49	20.48	20.65	20.65	20.50	20.58		
10	QPSK	25	0	20.89	20.76	20.81	20.74	20.74	22.2	0
10	QPSK	25	12	20.80	20.56	20.79	20.62	20.56		
10	QPSK	25	25	20.60	20.58	20.73	20.58	20.73		
10	QPSK	50	0	20.76	20.62	20.79	20.50	20.84		
10	16QAM	1	0	21.03	20.97	21.05	21.00	21.09	22.2	0
10	16QAM	1	25	20.89	21.08	21.00	20.94	20.92		
10	16QAM	1	49	20.94	20.79	21.07	20.92	21.03		
10	16QAM	25	0	20.99	20.79	20.82	20.74	20.79	22	0.2
10	16QAM	25	12	20.76	20.78	20.64	20.85	20.51		
10	16QAM	25	25	20.69	20.77	20.70	20.63	20.59		
10	16QAM	50	0	20.94	20.96	20.91	20.93	20.78		
10	64QAM	1	0	21.01	20.83	20.81	20.88	20.95	22	0.2
10	64QAM	1	25	20.87	20.80	20.84	20.80	20.89		
10	64QAM	1	49	20.85	20.84	20.98	20.61	20.70		
10	64QAM	25	0	20.76	20.60	20.83	20.71	20.65	21	1.2
10	64QAM	25	12	20.47	20.56	20.67	20.58	20.57		
10	64QAM	25	25	20.53	20.49	20.59	20.60	20.54		
10	64QAM	50	0	20.58	20.63	20.69	20.54	20.56		
10	256QAM	1	0	18.35	18.27	18.38	18.36	18.35	19	3.2
10	256QAM	1	25	18.26	18.23	18.46	18.26	18.30		
10	256QAM	1	49	18.08	18.21	18.23	18.24	18.03		
10	256QAM	25	0	18.55	18.38	18.55	18.44	18.50	19	3.2
10	256QAM	25	12	18.32	18.42	18.37	18.39	18.29		
10	256QAM	25	25	18.30	18.31	18.41	18.25	18.36		
10	256QAM	50	0	18.52	18.39	18.62	18.45	18.58		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	20.92	20.65	20.88	20.79	20.72	22.20	0
5	QPSK	1	12	20.70	20.70	20.74	20.50	20.56		
5	QPSK	1	24	20.56	20.63	20.65	20.56	20.68		
5	QPSK	12	0	20.91	20.81	20.91	20.66	20.75	22.2	0
5	QPSK	12	7	20.72	20.71	20.72	20.65	20.68		
5	QPSK	12	13	20.75	20.69	20.77	20.62	20.53		
5	QPSK	25	0	20.75	20.77	20.88	20.61	20.90		
5	16QAM	1	0	21.00	20.92	21.07	21.06	21.02	22.2	0
5	16QAM	1	12	20.89	21.00	21.04	20.87	20.83		
5	16QAM	1	24	20.96	20.86	20.98	20.91	20.93		
5	16QAM	12	0	20.75	20.77	20.97	20.71	20.85	22	0.2
5	16QAM	12	7	20.56	20.69	20.87	20.89	20.58		
5	16QAM	12	13	20.70	20.78	20.65	20.58	20.68		
5	16QAM	25	0	20.91	20.91	21.05	20.73	20.94	22	0.2
5	64QAM	1	0	20.79	20.87	21.05	20.97	20.87		
5	64QAM	1	12	20.88	20.71	20.91	20.86	20.80		
5	64QAM	1	24	20.85	20.75	21.02	20.57	20.74		
5	64QAM	12	0	20.80	20.59	20.74	20.73	20.60	21	1.2
5	64QAM	12	7	20.49	20.54	20.68	20.54	20.46		
5	64QAM	12	13	20.49	20.51	20.57	20.65	20.45		
5	64QAM	25	0	20.59	20.59	20.76	20.57	20.60		
5	256QAM	1	0	18.36	18.24	18.40	18.27	18.44	19	3.2
5	256QAM	1	12	18.26	18.24	18.46	18.21	18.30		
5	256QAM	1	24	18.10	18.27	18.25	18.19	18.00		
5	256QAM	12	0	18.55	18.38	18.60	18.38	18.50	19	3.2
5	256QAM	12	7	18.27	18.37	18.44	18.31	18.24		
5	256QAM	12	13	18.33	18.21	18.38	18.34	18.35		
5	256QAM	25	0	18.47	18.38	18.54	18.49	18.48		

Band 41 PC2 FCC&IC DSI3_Standalone Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	22.52	22.46	22.72	22.49	22.46	23.8	0
20	QPSK	1	49	22.46	22.34	22.61	22.51	22.42		
20	QPSK	1	99	22.36	22.36	22.56	22.48	22.29		
20	QPSK	50	0	22.15	22.26	22.43	22.24	22.21	23.8	0
20	QPSK	50	24	22.05	22.14	22.21	22.22	22.02		
20	QPSK	50	50	22.07	22.09	22.22	22.16	22.00		
20	QPSK	100	0	22.08	22.16	22.35	22.18	22.10		
20	16QAM	1	0	22.44	22.51	22.64	22.50	22.41	23.8	0
20	16QAM	1	49	22.37	22.43	22.57	22.44	22.25		
20	16QAM	1	99	22.27	22.37	22.39	22.39	22.26		
20	16QAM	50	0	22.24	22.27	22.42	22.24	22.22	23.8	0
20	16QAM	50	24	22.07	22.24	22.33	22.16	22.17		
20	16QAM	50	50	22.08	22.13	22.28	22.17	22.09		
20	16QAM	100	0	22.18	22.26	22.42	22.25	22.20		
20	64QAM	1	0	22.30	22.39	22.50	22.35	22.20	23.8	0
20	64QAM	1	49	22.34	22.40	22.43	22.30	22.30		
20	64QAM	1	99	22.14	22.26	22.27	22.23	22.18		
20	64QAM	50	0	22.22	22.37	22.47	22.39	22.29	23.8	0
20	64QAM	50	24	22.16	22.29	22.37	22.23	22.13		
20	64QAM	50	50	22.03	22.15	22.23	22.21	22.10		
20	64QAM	100	0	22.26	22.32	22.34	22.30	22.13		
20	256QAM	1	0	22.23	22.32	22.43	22.29	22.23	23	0.8
20	256QAM	1	49	22.22	22.24	22.43	22.28	22.21		
20	256QAM	1	99	22.06	22.17	22.21	22.21	22.17		
20	256QAM	50	0	22.11	22.12	22.25	22.15	22.07	23	0.8
20	256QAM	50	24	22.05	22.08	22.06	22.12	22.09		
20	256QAM	50	50	21.91	22.04	22.11	22.02	21.89		
20	256QAM	100	0	22.02	22.19	22.30	22.10	22.00		
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	22.41	22.32	22.67	22.35	22.43	24	0
15	QPSK	1	37	22.32	22.23	22.48	22.44	22.35		
15	QPSK	1	74	22.26	22.29	22.42	22.39	22.27		
15	QPSK	36	0	22.09	22.23	22.36	22.16	22.17	23.8	0
15	QPSK	36	20	21.92	22.09	22.11	22.12	21.95		
15	QPSK	36	39	22.04	22.01	22.09	22.11	21.91		
15	QPSK	75	0	21.96	22.11	22.29	22.11	21.97		
15	16QAM	1	0	22.36	22.46	22.52	22.40	22.34	23.8	0
15	16QAM	1	37	22.33	22.40	22.44	22.38	22.14		
15	16QAM	1	74	22.25	22.24	22.28	22.36	22.13		
15	16QAM	36	0	22.13	22.20	22.33	22.11	22.09	23.8	0
15	16QAM	36	20	22.03	22.14	22.26	22.12	22.04		
15	16QAM	36	39	22.05	22.10	22.15	22.06	22.03		
15	16QAM	75	0	22.12	22.13	22.31	22.23	22.08		
15	64QAM	1	0	22.21	22.33	22.44	22.28	22.15	23.8	0
15	64QAM	1	37	22.21	22.27	22.38	22.23	22.22		
15	64QAM	1	74	22.10	22.18	22.22	22.09	22.12		
15	64QAM	36	0	22.11	22.32	22.40	22.30	22.16	23.8	0
15	64QAM	36	20	22.08	22.23	22.24	22.15	22.02		
15	64QAM	36	39	21.98	22.07	22.14	22.12	22.01		
15	64QAM	75	0	22.17	22.21	22.30	22.21	22.11		
15	256QAM	1	0	22.13	22.20	22.31	22.16	22.12	23	0.8
15	256QAM	1	37	22.15	22.12	22.34	22.25	22.14		
15	256QAM	1	74	22.00	22.09	22.18	22.16	22.06		
15	256QAM	36	0	21.97	22.00	22.17	22.11	21.93	23	0.8
15	256QAM	36	20	21.94	22.05	21.98	22.06	22.05		
15	256QAM	36	39	21.83	21.90	22.07	21.93	21.83		
15	256QAM	75	0	21.88	22.08	22.22	22.01	21.95		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.47	22.36	22.70	22.35	22.36	24	0
10	QPSK	1	25	22.40	22.32	22.48	22.41	22.40		
10	QPSK	1	49	22.31	22.25	22.46	22.46	22.23		
10	QPSK	25	0	22.09	22.21	22.32	22.13	22.10	23.8	0
10	QPSK	25	12	22.01	22.05	22.12	22.19	21.89		
10	QPSK	25	25	21.93	21.99	22.16	22.03	21.88		
10	QPSK	50	0	21.97	22.05	22.32	22.06	22.05		
10	16QAM	1	0	22.35	22.47	22.50	22.40	22.31	23.8	0
10	16QAM	1	25	22.26	22.36	22.55	22.37	22.14		
10	16QAM	1	49	22.18	22.24	22.28	22.26	22.22		
10	16QAM	25	0	22.15	22.17	22.33	22.11	22.16	23.8	0
10	16QAM	25	12	22.04	22.11	22.22	22.08	22.14		
10	16QAM	25	25	21.99	22.02	22.17	22.11	21.99		
10	16QAM	50	0	22.11	22.17	22.38	22.18	22.17		
10	64QAM	1	0	22.17	22.26	22.46	22.26	22.14	23.8	0
10	64QAM	1	25	22.25	22.31	22.36	22.18	22.27		
10	64QAM	1	49	22.05	22.21	22.24	22.09	22.10		
10	64QAM	25	0	22.14	22.28	22.39	22.27	22.24	23.8	0
10	64QAM	25	12	22.04	22.21	22.31	22.11	22.03		
10	64QAM	25	25	22.01	22.10	22.20	22.15	22.01		
10	64QAM	50	0	22.20	22.28	22.20	22.27	22.02		
10	256QAM	1	0	22.13	22.29	22.34	22.16	22.14	23	0.8
10	256QAM	1	25	22.15	22.13	22.36	22.14	22.14		
10	256QAM	1	49	21.99	22.05	22.12	22.15	22.05		
10	256QAM	25	0	22.07	22.01	22.17	22.11	22.03	23	0.8
10	256QAM	25	12	21.93	22.03	21.96	22.07	22.02		
10	256QAM	25	25	21.85	21.97	22.05	21.95	21.81		
10	256QAM	50	0	21.94	22.05	22.27	22.00	21.97		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	22.44	22.33	22.66	22.44	22.43	24	0
5	QPSK	1	12	22.42	22.28	22.52	22.48	22.33		
5	QPSK	1	24	22.22	22.23	22.43	22.43	22.23		
5	QPSK	12	0	22.06	22.14	22.39	22.19	22.18	23.8	0
5	QPSK	12	7	21.94	22.08	22.16	22.19	21.94		
5	QPSK	12	13	21.98	22.06	22.13	22.03	21.91		
5	QPSK	25	0	22.01	22.11	22.23	22.13	21.97		
5	16QAM	1	0	22.35	22.43	22.58	22.38	22.34	23.8	0
5	16QAM	1	12	22.31	22.33	22.46	22.40	22.12		
5	16QAM	1	24	22.19	22.30	22.31	22.25	22.15		
5	16QAM	12	0	22.11	22.19	22.36	22.11	22.17	23.8	0
5	16QAM	12	7	22.04	22.14	22.23	22.11	22.09		
5	16QAM	12	13	22.04	22.08	22.25	22.10	22.05		
5	16QAM	25	0	22.12	22.13	22.31	22.16	22.13		
5	64QAM	1	0	22.21	22.33	22.39	22.24	22.11	23.8	0
5	64QAM	1	12	22.29	22.33	22.37	22.21	22.16		
5	64QAM	1	24	22.09	22.22	22.20	22.09	22.08		
5	64QAM	12	0	22.10	22.25	22.40	22.32	22.18	23.8	0
5	64QAM	12	7	22.04	22.17	22.31	22.14	22.01		
5	64QAM	12	13	21.95	22.09	22.14	22.19	21.98		
5	64QAM	25	0	22.21	22.25	22.25	22.22	22.03		
5	256QAM	1	0	22.16	22.26	22.34	22.21	22.19	23	0.8
5	256QAM	1	12	22.14	22.15	22.32	22.14	22.13		
5	256QAM	1	24	21.98	22.07	22.09	22.12	22.12		
5	256QAM	12	0	21.97	22.01	22.20	22.04	21.93	23	0.8
5	256QAM	12	7	21.94	21.99	21.92	21.99	22.06		
5	256QAM	12	13	21.84	21.94	22.08	21.88	21.85		
5	256QAM	25	0	21.89	22.06	22.27	22.00	21.86		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	22.10	22.32	22.13	22.17	23.4	0
20	QPSK	1	49	21.90	22.13	22.18	21.96		
20	QPSK	1	99	22.04	22.08	22.13	22.00		
20	QPSK	50	0	22.17	22.26	22.09	22.20	23.4	0
20	QPSK	50	24	21.99	22.02	21.97	21.99		
20	QPSK	50	50	21.76	22.03	22.03	21.94		
20	QPSK	100	0	21.77	22.19	22.15	22.01		
20	16QAM	1	0	22.00	22.18	22.16	22.31	23.4	0
20	16QAM	1	49	22.02	22.00	22.02	22.03		
20	16QAM	1	99	21.99	22.25	22.10	22.11		
20	16QAM	50	0	22.00	22.18	21.97	22.16	23.4	0
20	16QAM	50	24	21.98	22.08	21.94	21.88		
20	16QAM	50	50	22.06	21.86	22.22	22.05		
20	16QAM	100	0	21.88	22.28	21.94	22.12		
20	64QAM	1	0	21.88	22.08	22.06	22.03	23.4	0
20	64QAM	1	49	21.90	22.19	22.13	21.84		
20	64QAM	1	99	21.86	21.75	21.81	21.77		
20	64QAM	50	0	21.77	22.18	22.02	21.86	23.4	0
20	64QAM	50	24	22.06	22.11	22.09	22.04		
20	64QAM	50	50	21.92	22.06	21.75	22.05		
20	64QAM	100	0	21.99	22.11	21.83	21.89		
20	256QAM	1	0	19.90	20.14	19.99	20.04	21	2.4
20	256QAM	1	49	19.87	20.14	19.96	20.02		
20	256QAM	1	99	19.76	19.99	19.89	19.96		
20	256QAM	50	0	20.03	20.27	20.10	20.17	21	2.4
20	256QAM	50	24	19.94	20.07	20.05	19.98		
20	256QAM	50	50	19.93	20.10	20.01	20.05		
20	256QAM	100	0	20.01	20.28	20.13	20.20		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	22.13	22.22	22.05	21.97	23.4	0
15	QPSK	1	37	22.16	22.13	21.90	21.95		
15	QPSK	1	74	21.87	21.99	22.05	21.89		
15	QPSK	36	0	21.97	22.25	22.18	22.06	23.4	0
15	QPSK	36	20	21.91	22.16	22.02	21.79		
15	QPSK	36	39	21.79	21.95	21.81	21.82		
15	QPSK	75	0	21.90	22.06	21.73	21.88		
15	16QAM	1	0	21.70	22.19	21.87	22.00	23.4	0
15	16QAM	1	37	21.81	21.95	21.81	21.92		
15	16QAM	1	74	21.83	22.17	22.06	21.94		
15	16QAM	36	0	21.95	22.24	22.14	21.92	23.4	0
15	16QAM	36	20	21.89	21.91	21.83	21.82		
15	16QAM	36	39	21.82	22.08	21.95	21.80		
15	16QAM	75	0	21.77	22.00	21.79	21.70		
15	64QAM	1	0	21.76	22.04	21.90	22.01	23.4	0
15	64QAM	1	37	21.82	22.17	21.92	21.79		
15	64QAM	1	74	21.68	21.98	21.94	21.67		
15	64QAM	36	0	21.78	22.23	21.88	21.96	23.4	0
15	64QAM	36	20	21.76	22.11	22.04	21.75		
15	64QAM	36	39	21.88	21.90	21.85	21.89		
15	64QAM	75	0	21.64	21.98	21.97	21.76		
15	256QAM	1	0	19.86	20.04	19.84	19.99	21	2.4
15	256QAM	1	37	19.80	20.02	19.93	19.93		
15	256QAM	1	74	19.62	19.87	19.77	19.84		
15	256QAM	36	0	20.00	20.15	19.97	20.05	21	2.4
15	256QAM	36	20	19.80	20.04	19.95	19.91		
15	256QAM	36	39	19.83	19.97	19.96	19.99		
15	256QAM	75	0	19.89	20.23	20.05	20.07		
Channel				55290	55815	56155	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	21.96	22.24	22.08	22.17	23.4	0
10	QPSK	1	25	21.98	21.90	21.91	21.92		
10	QPSK	1	49	21.81	22.05	22.14	22.07		
10	QPSK	25	0	21.99	22.02	22.23	21.85	23.4	0
10	QPSK	25	12	21.91	21.98	22.19	21.92		
10	QPSK	25	25	22.04	22.01	21.87	21.84		
10	QPSK	50	0	22.04	22.22	21.92	21.98		
10	16QAM	1	0	21.90	22.13	21.96	22.10	23.4	0
10	16QAM	1	25	21.91	21.84	22.18	21.71		
10	16QAM	1	49	21.77	22.02	22.17	21.86		
10	16QAM	25	0	21.73	21.99	22.11	22.07	23.4	0
10	16QAM	25	12	21.79	21.86	21.97	21.72		
10	16QAM	25	25	21.94	21.86	21.90	21.64		
10	16QAM	50	0	21.94	21.78	22.04	21.82		
10	64QAM	1	0	21.79	22.09	21.91	22.11	23.4	0
10	64QAM	1	25	21.81	22.03	21.95	21.96		
10	64QAM	1	49	21.67	21.84	22.00	21.86		
10	64QAM	25	0	21.95	22.11	21.92	21.93	23.4	0
10	64QAM	25	12	21.97	21.92	21.97	21.82		
10	64QAM	25	25	21.70	21.97	21.91	21.66		
10	64QAM	50	0	21.86	21.82	21.96	21.84		
10	256QAM	1	0	19.77	20.07	19.92	19.92	21	2.4
10	256QAM	1	25	19.83	20.10	19.92	19.98		
10	256QAM	1	49	19.72	19.93	19.85	19.83		
10	256QAM	25	0	19.88	20.14	20.00	20.03	21	2.4
10	256QAM	25	12	19.83	19.93	20.00	19.94		
10	256QAM	25	25	19.85	20.06	19.92	19.97		
10	256QAM	50	0	19.96	20.16	20.03	20.05		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3553.5	3607	3643	3697.5		
5	QPSK	1	0	22.09	22.10	22.09	22.18	23.4	0
5	QPSK	1	12	22.01	22.04	22.01	21.89		
5	QPSK	1	24	21.95	21.93	22.04	21.97		
5	QPSK	12	0	21.92	22.07	22.13	21.98	23.4	0
5	QPSK	12	7	21.99	22.10	21.94	22.04		
5	QPSK	12	13	22.02	22.12	22.01	21.87		
5	QPSK	25	0	21.73	22.04	21.94	22.09		
5	16QAM	1	0	21.80	22.15	22.11	22.15	23.4	0
5	16QAM	1	12	22.02	21.88	21.99	21.92		
5	16QAM	1	24	21.84	21.94	22.01	21.96		
5	16QAM	12	0	21.80	22.08	21.91	22.00	23.4	0
5	16QAM	12	7	21.86	21.88	21.93	21.91		
5	16QAM	12	13	21.88	21.87	21.93	21.83		
5	16QAM	25	0	21.84	22.08	21.88	21.73		
5	64QAM	1	0	21.70	22.09	22.00	22.04	23.4	0
5	64QAM	1	12	21.89	22.02	21.98	21.73		
5	64QAM	1	24	21.86	21.69	21.67	21.79		
5	64QAM	12	0	21.89	22.04	21.97	21.94	23.4	0
5	64QAM	12	7	21.86	21.99	21.84	21.74		
5	64QAM	12	13	21.63	22.02	21.93	21.70		
5	64QAM	25	0	21.87	22.08	22.04	21.59		
5	256QAM	1	0	19.81	20.02	19.90	19.99	21	2.4
5	256QAM	1	12	19.81	20.11	19.81	19.98		
5	256QAM	1	24	19.70	19.95	19.84	19.82		
5	256QAM	12	0	20.00	20.16	20.02	20.09	21	2.4
5	256QAM	12	7	19.79	20.00	19.94	19.83		
5	256QAM	12	13	19.87	19.96	19.96	20.02		
5	256QAM	25	0	19.94	20.23	20.05	20.08		

Reduced Power Mode for DSI3-Simultaneous

GSM850 Ant0	Default							
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	32.90	32.97	32.94	33.50	23.90	23.97	23.94	24.50
GPRS 1 Tx slot	32.83	32.94	32.91	33.50	23.83	23.94	23.91	24.50
GPRS 2 Tx slots	29.30	29.41	29.26	30.50	23.30	23.41	23.26	24.50
GPRS 3 Tx slots	28.91	28.98	28.86	30.00	24.65	24.72	24.60	25.74
GPRS 4 Tx slots	26.41	26.47	26.40	27.50	23.41	23.47	23.40	24.50
EDGE 1 Tx slot	25.42	25.46	25.37	26.50	16.42	16.46	16.37	17.50
EDGE 2 Tx slots	23.77	23.89	23.79	25.00	17.77	17.89	17.79	19.00
EDGE 3 Tx slots	22.66	22.69	22.62	23.50	18.40	18.43	18.36	19.24
EDGE 4 Tx slots	20.59	20.63	20.60	21.50	17.59	17.63	17.60	18.50

GSM1900 Ant0	Default							
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	27.61	27.66	27.57	28.50	18.61	18.66	18.57	19.50
GPRS 1 Tx slot	27.54	27.63	27.58	28.50	18.54	18.63	18.58	19.50
GPRS 2 Tx slots	24.84	24.94	24.83	26.00	18.84	18.94	18.83	20.00
GPRS 3 Tx slots	23.33	23.39	23.33	24.50	19.07	19.13	19.07	20.24
GPRS 4 Tx slots	20.70	20.75	20.68	21.50	17.70	17.75	17.68	18.50
EDGE 1 Tx slot	22.79	22.87	22.73	23.50	13.79	13.87	13.73	14.50
EDGE 2 Tx slots	21.09	21.19	21.11	22.00	15.09	15.19	15.11	16.00
EDGE 3 Tx slots	20.07	20.12	20.04	21.00	15.81	15.86	15.78	16.74
EDGE 4 Tx slots	17.96	18.09	18.04	19.00	14.96	15.09	15.04	16.00

		Default WCDMA II Ant0				Default WCDMA IV Ant0				Default WCDMA V Ant0				
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	20.57	20.65	20.53	22.00	20.39	20.47	20.38	22.00	22.43	22.47	22.40	24.00	
3GPP Rel 99	RMC 12.2Kbps	20.62	20.68	20.57	22.00	20.45	20.51	20.41	22.00	22.45	22.52	22.46	24.00	
3GPP Rel 6	HSDPA Subtest-1	19.72	19.76	19.70	21.00	19.59	19.66	19.50	21.00	21.55	21.69	21.48	23.00	
3GPP Rel 6	HSDPA Subtest-2	19.66	19.73	19.65	21.00	19.50	19.58	19.52	21.00	21.46	21.60	21.54	23.00	
3GPP Rel 6	HSDPA Subtest-3	19.19	19.25	19.23	20.50	19.00	19.11	19.08	20.50	21.01	21.14	21.04	22.50	
3GPP Rel 6	HSDPA Subtest-4	19.15	19.30	19.21	20.50	18.96	19.18	19.03	20.50	20.98	21.24	21.06	22.50	
3GPP Rel 8	DC-HSDPA Subtest-1	19.70	19.85	19.64	21.00	19.54	19.68	19.46	21.00	21.55	21.72	21.42	23.00	
3GPP Rel 8	DC-HSDPA Subtest-2	19.56	19.59	19.41	21.00	19.38	19.40	19.32	21.00	21.34	21.42	21.32	23.00	
3GPP Rel 8	DC-HSDPA Subtest-3	19.06	19.12	19.05	20.50	18.92	18.93	18.89	20.50	20.95	20.93	20.92	22.50	
3GPP Rel 8	DC-HSDPA Subtest-4	19.02	19.15	19.12	20.50	18.90	18.99	19.01	20.50	20.89	21.00	21.03	22.50	
3GPP Rel 6	HSUPA Subtest-1	19.66	19.73	19.70	21.00	19.55	19.63	19.61	21.00	21.61	21.68	21.67	23.00	
3GPP Rel 6	HSUPA Subtest-2	17.71	17.75	17.64	19.00	17.54	17.60	17.51	19.00	19.57	19.63	19.50	21.00	
3GPP Rel 6	HSUPA Subtest-3	18.65	18.73	18.70	20.00	18.52	18.58	18.58	20.00	20.52	20.59	20.61	22.00	
3GPP Rel 6	HSUPA Subtest-4	17.61	17.66	17.57	19.00	17.44	17.51	17.48	19.00	19.45	19.52	19.49	21.00	
3GPP Rel 6	HSUPA Subtest-5	19.64	19.60	19.52	21.00	19.53	19.48	19.38	21.00	21.55	21.44	21.40	23.00	

Band 2 Default Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	23.11	23.16	23.07	24	0
20	QPSK	1	49	22.93	23.02	22.89		
20	QPSK	1	99	22.55	23.07	22.97		
20	QPSK	50	0	22.98	23.13	23.05		
20	QPSK	50	24	22.94	23.08	22.98	24	0
20	QPSK	50	50	22.92	23.04	22.96		
20	QPSK	100	0	22.99	23.05	22.91		
20	16QAM	1	0	22.95	23.02	22.88		
20	16QAM	1	49	22.85	22.98	22.90	24	0
20	16QAM	1	99	22.70	22.85	22.80		
20	16QAM	50	0	22.55	22.62	22.54		
20	16QAM	50	24	22.34	22.48	22.34	23.5	0.5
20	16QAM	50	50	22.35	22.42	22.27		
20	16QAM	100	0	22.39	22.52	22.47		
20	64QAM	1	0	22.72	22.80	22.72		
20	64QAM	1	49	22.68	22.76	22.67	23.5	0.5
20	64QAM	1	99	22.50	22.55	22.46		
20	64QAM	50	0	21.64	21.71	21.56		
20	64QAM	50	24	21.46	21.55	21.50	22.5	1.5
20	64QAM	50	50	21.42	21.46	21.35		
20	64QAM	100	0	21.43	21.52	21.38		
20	256QAM	1	0	19.80	19.89	19.85		
20	256QAM	1	49	19.82	19.86	19.80	20.5	3.5
20	256QAM	1	99	19.56	19.62	19.57		
20	256QAM	50	0	19.74	19.86	19.80		
20	256QAM	50	24	19.60	19.73	19.63	20.5	3.5
20	256QAM	50	50	19.70	19.81	19.76		
20	256QAM	100	0	19.67	19.78	19.67		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	23.03	23.10	22.99		
15	QPSK	1	37	22.79	23.00	22.82	24	0
15	QPSK	1	74	22.91	22.95	22.83		
15	QPSK	36	0	22.87	22.99	22.90		
15	QPSK	36	20	22.81	22.94	22.87	24	0
15	QPSK	36	39	22.87	22.96	22.82		
15	QPSK	75	0	22.91	23.00	22.89		
15	16QAM	1	0	22.90	22.90	22.79		
15	16QAM	1	37	22.77	22.86	22.83	24	0
15	16QAM	1	74	22.66	22.73	22.66		
15	16QAM	36	0	22.50	22.55	22.45		
15	16QAM	36	20	22.21	22.37	22.26	23.5	0.5
15	16QAM	36	39	22.24	22.31	22.19		
15	16QAM	75	0	22.31	22.42	22.32		
15	64QAM	1	0	22.67	22.68	22.59		
15	64QAM	1	37	22.59	22.72	22.61	23.5	0.5
15	64QAM	1	74	22.42	22.40	22.34		
15	64QAM	36	0	21.56	21.67	21.49		
15	64QAM	36	20	21.36	21.45	21.43	22.5	1.5
15	64QAM	36	39	21.28	21.35	21.23		
15	64QAM	75	0	21.38	21.37	21.29		
15	256QAM	1	0	19.65	19.84	19.70		
15	256QAM	1	37	19.68	19.82	19.77	20.5	3.5
15	256QAM	1	74	19.42	19.51	19.42		
15	256QAM	36	0	19.65	19.73	19.66		
15	256QAM	36	20	19.48	19.65	19.50	20.5	3.5
15	256QAM	36	39	19.56	19.71	19.67		
15	256QAM	75	0	19.58	19.71	19.56		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	23.02	23.08	23.00	24	0
10	QPSK	1	25	22.87	22.88	22.81		
10	QPSK	1	49	22.92	22.94	22.82		
10	QPSK	25	0	22.83	23.01	23.01		
10	QPSK	25	12	22.81	23.00	22.94	24	0
10	QPSK	25	25	22.80	22.89	22.85		
10	QPSK	50	0	22.89	22.95	22.91		
10	16QAM	1	0	22.88	22.90	22.86		
10	16QAM	1	25	22.79	22.91	22.85	24	0
10	16QAM	1	49	22.99	22.72	22.75		
10	16QAM	25	0	22.48	22.51	22.42		
10	16QAM	25	12	22.20	22.34	22.20	23.5	0.5
10	16QAM	25	25	22.26	22.27	22.20		
10	16QAM	50	0	22.28	22.44	22.37		
10	64QAM	1	0	22.60	22.76	22.60		
10	64QAM	1	25	22.56	22.64	22.58	23.5	0.5
10	64QAM	1	49	22.43	22.45	22.32		
10	64QAM	25	0	21.56	21.65	21.46		
10	64QAM	25	12	21.33	21.46	21.44	22.5	1.5
10	64QAM	25	25	21.39	21.36	21.28		
10	64QAM	50	0	21.31	21.39	21.27		
10	256QAM	1	0	19.76	19.86	19.77		
10	256QAM	1	25	19.77	19.82	19.68	20.5	3.5
10	256QAM	1	49	19.52	19.50	19.53		
10	256QAM	25	0	19.60	19.82	19.70		
10	256QAM	25	12	19.46	19.61	19.51	20.5	3.5
10	256QAM	25	25	19.63	19.71	19.66		
10	256QAM	50	0	19.52	19.66	19.61		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	23.02	23.06	22.99	24	0
5	QPSK	1	12	22.88	22.95	22.74		
5	QPSK	1	24	22.90	22.95	22.94		
5	QPSK	12	0	22.93	23.02	22.90	24	0
5	QPSK	12	7	22.89	23.03	22.87		
5	QPSK	12	13	22.80	22.98	22.82		
5	QPSK	25	0	22.88	22.93	22.92		
5	16QAM	1	0	22.91	22.88	22.83	24	0
5	16QAM	1	12	22.79	22.82	22.82		
5	16QAM	1	24	22.58	22.74	22.70		
5	16QAM	12	0	22.40	22.49	22.41	23.5	0.5
5	16QAM	12	7	22.22	22.41	22.27		
5	16QAM	12	13	22.31	22.27	22.14		
5	16QAM	25	0	22.26	22.38	22.37		
5	64QAM	1	0	22.59	22.68	22.64	23.5	0.5
5	64QAM	1	12	22.61	22.73	22.63		
5	64QAM	1	24	22.42	22.41	22.34		
5	64QAM	12	0	21.54	21.68	21.43	22.5	1.5
5	64QAM	12	7	21.31	21.46	21.42		
5	64QAM	12	13	21.29	21.32	21.21		
5	64QAM	25	0	21.34	21.41	21.29		
5	256QAM	1	0	19.74	19.84	19.67		
5	256QAM	1	12	19.75	19.78	19.67	20.5	3.5
5	256QAM	1	24	19.49	19.55	19.49		
5	256QAM	12	0	19.66	19.75	19.71	20.5	3.5
5	256QAM	12	7	19.51	19.69	19.55		
5	256QAM	12	13	19.67	19.74	19.64		
5	256QAM	25	0	19.62	19.73	19.58		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	23.01	23.02	22.96	24	0
3	QPSK	1	8	22.89	22.91	22.86		
3	QPSK	1	14	22.89	22.95	22.83		
3	QPSK	8	0	22.91	23.06	22.98	24	0
3	QPSK	8	4	22.83	23.04	22.92		
3	QPSK	8	7	22.86	22.99	22.83		
3	QPSK	15	0	22.87	22.98	22.90		
3	16QAM	1	0	22.85	22.98	22.83	24	0
3	16QAM	1	8	22.71	22.87	22.78		
3	16QAM	1	14	22.59	22.74	22.65		
3	16QAM	8	0	22.41	22.57	22.40	23.5	0.5
3	16QAM	8	4	22.23	22.41	22.24		
3	16QAM	8	7	22.31	22.33	22.14		
3	16QAM	15	0	22.31	22.45	22.41		
3	64QAM	1	0	22.59	22.77	22.60	23.5	0.5
3	64QAM	1	8	22.55	22.67	22.54		
3	64QAM	1	14	22.42	22.43	22.38		
3	64QAM	8	0	21.56	21.59	21.52	22.5	1.5
3	64QAM	8	4	21.35	21.45	21.35		
3	64QAM	8	7	21.34	21.33	21.27		
3	64QAM	15	0	21.34	21.44	21.30		
3	256QAM	1	0	19.77	19.76	19.69	20.5	3.5
3	256QAM	1	8	19.76	19.79	19.65		
3	256QAM	1	14	19.52	19.58	19.51		
3	256QAM	8	0	19.71	19.75	19.75	20.5	3.5
3	256QAM	8	4	19.50	19.68	19.59		
3	256QAM	8	7	19.60	19.66	19.73		
3	256QAM	15	0	19.63	19.70	19.59		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	23.04	23.11	23.01	24	0
1.4	QPSK	1	3	22.83	22.95	22.74		
1.4	QPSK	1	5	22.86	22.99	22.85		
1.4	QPSK	3	0	22.85	23.08	23.01		
1.4	QPSK	3	1	22.85	23.04	22.84		
1.4	QPSK	3	3	22.78	22.94	22.88		
1.4	QPSK	6	0	22.84	23.00	22.90	24	0
1.4	16QAM	1	0	22.80	22.93	22.87	24	0
1.4	16QAM	1	3	22.82	22.86	22.78		
1.4	16QAM	1	5	22.86	22.93	22.90		
1.4	16QAM	3	0	22.83	22.95	22.79		
1.4	16QAM	3	1	22.78	22.88	22.80		
1.4	16QAM	3	3	22.61	22.77	22.73		
1.4	16QAM	6	0	22.51	22.52	22.43	23.5	0.5
1.4	64QAM	1	0	22.19	22.34	22.24	23.5	0.5
1.4	64QAM	1	3	22.21	22.32	22.21		
1.4	64QAM	1	5	22.25	22.45	22.39		
1.4	64QAM	3	0	22.58	22.77	22.63		
1.4	64QAM	3	1	22.60	22.67	22.52		
1.4	64QAM	3	3	22.35	22.40	22.40		
1.4	64QAM	6	0	21.53	21.61	21.43	22.5	1.5
1.4	256QAM	1	0	19.76	19.83	19.76	20.5	3.5
1.4	256QAM	1	3	19.77	19.82	19.69		
1.4	256QAM	1	5	19.47	19.55	19.49		
1.4	256QAM	3	0	19.67	19.82	19.67		
1.4	256QAM	3	1	19.47	19.66	19.54		
1.4	256QAM	3	3	19.62	19.75	19.72		
1.4	256QAM	6	0	19.57	19.73	19.54	20.5	3.5

Band 4 DSI3_Simultaneous Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	21.17	21.23	21.06	22.5	0
20	QPSK	1	49	21.10	21.16	21.01		
20	QPSK	1	99	21.09	21.09	20.99		
20	QPSK	50	0	20.98	21.10	21.09		
20	QPSK	50	24	20.91	20.97	20.95	22.5	0
20	QPSK	50	50	20.98	20.97	21.04		
20	QPSK	100	0	20.96	21.08	20.91		
20	16QAM	1	0	21.06	21.00	20.87		
20	16QAM	1	49	20.95	21.00	20.94	22.5	0
20	16QAM	1	99	21.00	21.04	20.94		
20	16QAM	50	0	20.91	21.09	21.03		
20	16QAM	50	24	20.88	21.04	21.05	22.5	0
20	16QAM	50	50	20.88	21.02	20.95		
20	16QAM	100	0	20.86	20.97	20.93		
20	64QAM	1	0	20.83	21.01	20.91	22.5	0
20	64QAM	1	49	20.88	20.97	20.93		
20	64QAM	1	99	20.87	20.99	20.91		
20	64QAM	50	0	21.00	21.10	20.93		
20	64QAM	50	24	20.91	21.04	20.82	22.5	0
20	64QAM	50	50	20.88	20.99	20.88		
20	64QAM	100	0	20.92	21.09	20.93		
20	256QAM	1	0	19.91	20.01	19.84	20.5	2
20	256QAM	1	49	19.74	19.88	19.86		
20	256QAM	1	99	19.77	19.78	19.72		
20	256QAM	50	0	19.77	19.98	19.88		
20	256QAM	50	24	19.76	19.80	19.73	20.5	2
20	256QAM	50	50	19.72	19.74	19.74		
20	256QAM	100	0	19.70	19.83	19.67		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	21.04	21.15	21.02	22.5	0
15	QPSK	1	37	21.02	21.11	20.92		
15	QPSK	1	74	21.03	20.92	20.89		
15	QPSK	36	0	20.90	21.05	21.00		
15	QPSK	36	20	20.81	20.84	20.84	22.5	0
15	QPSK	36	39	20.90	20.85	20.90		
15	QPSK	75	0	20.89	20.96	20.84		
15	16QAM	1	0	21.01	20.88	20.82		
15	16QAM	1	37	20.85	20.91	20.80	22.5	0
15	16QAM	1	74	20.85	20.99	20.80		
15	16QAM	36	0	20.83	20.94	20.93		
15	16QAM	36	20	20.79	21.01	21.00	22.5	0
15	16QAM	36	39	20.84	20.90	20.83		
15	16QAM	75	0	20.93	20.86	20.78		
15	64QAM	1	0	20.70	20.87	20.75		
15	64QAM	1	37	20.76	20.85	20.81	22.5	0
15	64QAM	1	74	20.78	20.93	20.80		
15	64QAM	36	0	20.87	21.01	20.87		
15	64QAM	36	20	20.86	20.90	20.78	22.5	0
15	64QAM	36	39	20.82	20.96	20.80		
15	64QAM	75	0	20.85	21.03	20.78		
15	256QAM	1	0	19.88	19.91	19.77		
15	256QAM	1	37	19.68	19.81	19.78	20.5	2
15	256QAM	1	74	19.65	19.73	19.63		
15	256QAM	36	0	19.62	19.88	19.78		
15	256QAM	36	20	19.66	19.67	19.69	20.5	2
15	256QAM	36	39	19.61	19.64	19.71		
15	256QAM	75	0	19.62	19.70	19.60		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	21.07	21.17	20.97	22.5	0
10	QPSK	1	25	21.01	21.03	20.93		
10	QPSK	1	49	20.99	20.96	20.84		
10	QPSK	25	0	20.94	21.06	21.02		
10	QPSK	25	12	20.84	20.93	20.92	22.5	0
10	QPSK	25	25	20.92	20.86	20.89		
10	QPSK	50	0	20.92	20.97	20.76		
10	16QAM	1	0	21.03	20.86	20.74		
10	16QAM	1	25	20.87	20.85	20.87	22.5	0
10	16QAM	1	49	20.94	20.80	20.80		
10	16QAM	25	0	20.79	21.00	20.99		
10	16QAM	25	12	20.85	20.98	20.96	22.5	0
10	16QAM	25	25	20.83	20.92	20.86		
10	16QAM	50	0	20.81	20.85	20.89		
10	64QAM	1	0	20.80	20.87	20.77		
10	64QAM	1	25	20.81	20.83	20.82	22.5	0
10	64QAM	1	49	20.78	20.96	20.83		
10	64QAM	25	0	20.96	21.01	20.80		
10	64QAM	25	12	20.76	20.95	20.78	22.5	0
10	64QAM	25	25	20.75	20.87	20.81		
10	64QAM	50	0	20.81	21.05	20.86		
10	256QAM	1	0	19.83	19.87	19.76		
10	256QAM	1	25	19.61	19.84	19.82	20.5	2
10	256QAM	1	49	19.67	19.67	19.66		
10	256QAM	25	0	19.66	19.84	19.80		
10	256QAM	25	12	19.66	19.69	19.65	20.5	2
10	256QAM	25	25	19.65	19.61	19.64		
10	256QAM	50	0	19.55	19.78	19.62		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	21.12	21.20	20.96	22.5	0
5	QPSK	1	12	20.98	21.02	20.91		
5	QPSK	1	24	20.94	20.93	20.85		
5	QPSK	12	0	20.94	21.00	20.96	22.5	0
5	QPSK	12	7	20.83	20.87	20.87		
5	QPSK	12	13	20.85	20.87	21.01		
5	QPSK	25	0	20.81	21.01	20.79		
5	16QAM	1	0	20.93	20.89	20.73	22.5	0
5	16QAM	1	12	20.83	20.94	20.88		
5	16QAM	1	24	20.92	20.97	20.89		
5	16QAM	12	0	20.87	21.01	20.88	22.5	0
5	16QAM	12	7	20.83	20.95	20.97		
5	16QAM	12	13	20.76	20.86	20.89		
5	16QAM	25	0	20.79	20.89	20.83		
5	64QAM	1	0	20.76	20.96	20.77	22.5	0
5	64QAM	1	12	20.76	20.84	20.88		
5	64QAM	1	24	20.82	20.92	20.82		
5	64QAM	12	0	20.90	21.02	20.89	22.5	0
5	64QAM	12	7	20.87	20.95	20.75		
5	64QAM	12	13	20.74	20.88	20.77		
5	64QAM	25	0	20.85	20.98	20.78		
5	256QAM	1	0	19.77	19.96	19.70	20.5	2
5	256QAM	1	12	19.68	19.74	19.81		
5	256QAM	1	24	19.72	19.63	19.68		
5	256QAM	12	0	19.69	19.86	19.78	20.5	2
5	256QAM	12	7	19.72	19.74	19.67		
5	256QAM	12	13	19.69	19.69	19.66		
5	256QAM	25	0	19.64	19.77	19.53		
Channel				19925	20175	20425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	21.06	21.11	21.02	22.5	0
3	QPSK	1	8	20.96	21.03	20.93		
3	QPSK	1	14	21.00	20.99	20.95		
3	QPSK	8	0	20.92	21.07	20.98	22.5	0
3	QPSK	8	4	20.84	20.94	20.84		
3	QPSK	8	7	20.86	20.86	20.95		
3	QPSK	15	0	20.93	21.01	20.82		
3	16QAM	1	0	20.94	20.96	20.73	22.5	0
3	16QAM	1	8	20.84	20.96	20.85		
3	16QAM	1	14	20.96	20.97	20.87		
3	16QAM	8	0	20.85	21.04	20.89	22.5	0
3	16QAM	8	4	20.76	20.97	20.98		
3	16QAM	8	7	20.84	20.93	20.88		
3	16QAM	15	0	20.81	20.92	20.86		
3	64QAM	1	0	20.76	20.92	20.81	22.5	0
3	64QAM	1	8	20.83	20.94	20.87		
3	64QAM	1	14	20.74	20.91	20.83		
3	64QAM	8	0	20.92	21.04	20.86	22.5	0
3	64QAM	8	4	20.86	20.93	20.77		
3	64QAM	8	7	20.76	20.94	20.81		
3	64QAM	15	0	20.81	21.05	20.78		
3	256QAM	1	0	19.79	19.97	19.81	20.5	2
3	256QAM	1	8	19.60	19.83	19.75		
3	256QAM	1	14	19.74	19.67	19.66		
3	256QAM	8	0	19.74	19.94	19.75	20.5	2
3	256QAM	8	4	19.66	19.76	19.62		
3	256QAM	8	7	19.63	19.62	19.63		
3	256QAM	15	0	19.57	19.70	19.60		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	21.02	21.15	20.91	22.5	0
1.4	QPSK	1	3	20.99	21.02	20.90		
1.4	QPSK	1	5	20.96	21.02	20.87		
1.4	QPSK	3	0	20.85	21.02	21.02		
1.4	QPSK	3	1	20.85	20.83	20.85		
1.4	QPSK	3	3	20.92	20.92	20.95		
1.4	QPSK	6	0	20.85	21.04	20.81	22.5	0
1.4	16QAM	1	0	21.02	20.94	20.80	22.5	0
1.4	16QAM	1	3	20.84	20.91	20.87		
1.4	16QAM	1	5	20.90	21.00	20.88		
1.4	16QAM	3	0	20.80	21.04	20.95		
1.4	16QAM	3	1	20.75	20.94	21.00		
1.4	16QAM	3	3	20.82	20.88	20.86		
1.4	16QAM	6	0	20.79	20.90	20.82	22.5	0
1.4	64QAM	1	0	20.76	20.93	20.86	22.5	0
1.4	64QAM	1	3	20.79	20.85	20.86		
1.4	64QAM	1	5	20.81	20.96	20.84		
1.4	64QAM	3	0	20.93	21.04	20.78		
1.4	64QAM	3	1	20.80	20.89	20.76		
1.4	64QAM	3	3	20.94	20.85	20.82		
1.4	64QAM	6	0	20.86	20.94	20.88	22.5	0
1.4	256QAM	1	0	19.77	19.93	19.81	20.5	2
1.4	256QAM	1	3	19.64	19.80	19.78		
1.4	256QAM	1	5	19.63	19.85	19.66		
1.4	256QAM	3	0	19.69	19.85	19.81		
1.4	256QAM	3	1	19.67	19.75	19.60		
1.4	256QAM	3	3	19.63	19.69	19.70		
1.4	256QAM	6	0	19.64	19.73	19.58	20.5	2

Band 5 Default Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.52	22.57	22.46	24	0
10	QPSK	1	25	22.36	22.46	22.32		
10	QPSK	1	49	22.30	22.43	22.28		
10	QPSK	25	0	22.37	22.54	22.41		
10	QPSK	25	12	22.33	22.45	22.35	24	0
10	QPSK	25	25	22.24	22.30	22.27		
10	QPSK	50	0	22.31	22.49	22.30		
10	16QAM	1	0	22.26	22.47	22.31		
10	16QAM	1	25	22.31	22.35	22.24

Band 12 Default Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	22.84	22.92	22.79	24	0
10	QPSK	1	25	22.76	22.81	22.64		
10	QPSK	1	49	22.60	22.68	22.62		
10	QPSK	25	0	22.63	22.82	22.72	24	0
10	QPSK	25	12	22.59	22.68	22.61		
10	QPSK	25	25	22.56	22.60	22.63		
10	QPSK	50	0	22.65	22.77	22.62		
10	16QAM	1	0	22.54	22.72	22.60	24	0
10	16QAM	1	25	22.54	22.59	22.58		
10	16QAM	1	49	22.44	22.55	22.46		
10	16QAM	25	0	22.35	22.51	22.41	23.5	0.5
10	16QAM	25	12	22.32	22.43	22.28		
10	16QAM	25	25	22.30	22.35	22.28		
10	16QAM	50	0	22.37	22.47	22.28		
10	64QAM	1	0	22.26	22.41	22.29	23.5	0.5
10	64QAM	1	25	22.14	22.25	22.19		
10	64QAM	1	49	22.10	22.22	22.16		
10	64QAM	25	0	21.54	21.67	21.50	22.5	1.5
10	64QAM	25	12	21.44	21.58	21.51		
10	64QAM	25	25	21.39	21.44	21.44		
10	64QAM	50	0	21.43	21.54	21.41		
10	256QAM	1	0	19.33	19.55	19.40	20.5	3.5
10	256QAM	1	25	19.33	19.40	19.38		
10	256QAM	1	49	19.30	19.33	19.28		
10	256QAM	25	0	19.30	19.51	19.41	20.5	3.5
10	256QAM	25	12	19.29	19.34	19.30		
10	256QAM	25	25	19.20	19.33	19.22		
10	256QAM	50	0	19.23	19.45	19.26		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.77	22.86	22.74	24	0
5	QPSK	1	12	22.63	22.69	22.56		
5	QPSK	1	24	22.47	22.54	22.47		
5	QPSK	12	0	22.50	22.75	22.58	24	0
5	QPSK	12	7	22.45	22.55	22.51		
5	QPSK	12	13	22.53	22.45	22.51		
5	QPSK	25	0	22.56	22.69	22.56		
5	16QAM	1	0	22.42	22.62	22.48	24	0
5	16QAM	1	12	22.50	22.48	22.47		
5	16QAM	1	24	22.33	22.52	22.36		
5	16QAM	12	0	22.30	22.47	22.28	23.5	0.5
5	16QAM	12	7	22.28	22.33	22.19		
5	16QAM	12	13	22.19	22.24	22.19		
5	16QAM	25	0	22.31	22.34	22.19		
5	64QAM	1	0	22.15	22.30	22.22	23.5	0.5
5	64QAM	1	12	22.04	22.12	22.10		
5	64QAM	1	24	21.96	22.07	22.07		
5	64QAM	12	0	21.48	21.63	21.41	22.5	1.5
5	64QAM	12	7	21.34	21.53	21.47		
5	64QAM	12	13	21.29	21.32	21.33		
5	64QAM	25	0	21.33	21.48	21.34		
5	256QAM	1	0	19.35	19.45	19.31	20.5	3.5
5	256QAM	1	12	19.21	19.31	19.26		
5	256QAM	1	24	19.17	19.23	19.18		
5	256QAM	12	0	19.16	19.37	19.26	20.5	3.5
5	256QAM	12	7	19.22	19.27	19.27		
5	256QAM	12	13	19.07	19.21	19.11		
5	256QAM	25	0	19.13	19.31	19.12		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.78	22.81	22.72	24	0
3	QPSK	1	8	22.70	22.76	22.50		
3	QPSK	1	14	22.53	22.54	22.57		
3	QPSK	8	0	22.49	22.79	22.57	24	0
3	QPSK	8	4	22.51	22.61	22.48		
3	QPSK	8	7	22.49	22.49	22.57		
3	QPSK	15	0	22.54	22.73	22.58		
3	16QAM	1	0	22.39	22.59	22.47	24	0
3	16QAM	1	8	22.48	22.48	22.48		
3	16QAM	1	14	22.38	22.44	22.38		
3	16QAM	8	0	22.26	22.44	22.28	23.5	0.5
3	16QAM	8	4	22.23	22.37	22.16		
3	16QAM	8	7	22.22	22.22	22.20		
3	16QAM	15	0	22.23	22.35	22.19		
3	64QAM	1	0	22.23	22.28	22.17	23.5	0.5
3	64QAM	1	8	22.02	22.10	22.09		
3	64QAM	1	14	22.02	22.15	22.04		
3	64QAM	8	0	21.45	21.61	21.40	22.5	1.5
3	64QAM	8	4	21.40	21.48	21.37		
3	64QAM	8	7	21.35	21.36	21.33		
3	64QAM	15	0	21.37	21.50	21.31		
3	256QAM	1	0	19.28	19.41	19.36	20.5	3.5
3	256QAM	1	8	19.26	19.31	19.24		
3	256QAM	1	14	19.23	19.30	19.21		
3	256QAM	8	0	19.18	19.46	19.28	20.5	3.5
3	256QAM	8	4	19.18	19.22	19.18		
3	256QAM	8	7	19.06	19.22	19.07		
3	256QAM	15	0	19.18	19.40	19.14		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.76	22.83	22.75	24	0
1.4	QPSK	1	3	22.65	22.67	22.51		
1.4	QPSK	1	5	22.48	22.57	22.53		
1.4	QPSK	3	0	22.50	22.67	22.67		
1.4	QPSK	3	1	22.54	22.55	22.56		
1.4	QPSK	3	3	22.44	22.54	22.57		
1.4	QPSK	6	0	22.59	22.73	22.56	24	0
1.4	16QAM	1	0	22.50	22.62	22.56	24	0
1.4	16QAM	1	3	22.49	22.46	22.50		
1.4	16QAM	1	5	22.40	22.46	22.43		
1.4	16QAM	3	0	22.47	22.60	22.56		
1.4	16QAM	3	1	22.49	22.45	22.47		
1.4	16QAM	3	3	22.37	22.48	22.40		
1.4	16QAM	6	0	22.17	22.30	22.14	23.5	0.5
1.4	64QAM	1	0	22.33	22.41	22.29	23.5	0.5
1.4	64QAM	1	3	22.22	22.40	22.17		
1.4	64QAM	1	5	22.13	22.33	22.16		
1.4	64QAM	3	0	22.05	22.21	22.09		
1.4	64QAM	3	1	21.99	22.16	22.05		
1.4	64QAM	3	3	22.22	22.28	22.16		
1.4	64QAM	6	0	21.45	21.60	21.41	22.5	1.5
1.4	256QAM	1	0	19.29	19.47	19.32	20.5	3.5
1.4	256QAM	1	3	19.21	19.31	19.24		
1.4	256QAM	1	5	19.22	19.27	19.22		
1.4	256QAM	3	0	19.18	19.37	19.34		
1.4	256QAM	3	1	19.16	19.21	19.24		
1.4	256QAM	3	3	19.15	19.21	19.09		
1.4	256QAM	6	0	19.17	19.35	19.18	20.5	3.5

Band 13 Default Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		23.07		24	0
10	QPSK	1	25		23.04			
10	QPSK	1	49		22.92			
10	QPSK	25	0		22.98		24	0
10	QPSK	25	12		22.85			
10	QPSK	25	25		22.82			
10	QPSK	50	0		22.95			
10	16QAM	1	0		22.91		24	0
10	16QAM	1	25		22.86			
10	16QAM	1	49		22.79			
10	16QAM	25	0		22.74		23.5	0.5
10	16QAM	25	12		22.62			
10	16QAM	25	25		22.54			
10	16QAM	50	0		22.70			
10	64QAM	1	0		22.62		23.5	0.5
10	64QAM	1	25		22.41			
10	64QAM	1	49		22.49			
10	64QAM	25	0		21.91		22.5	1.5
10	64QAM	25	12		21.77			
10	64QAM	25	25		21.67			
10	64QAM	50	0		21.77			
10	256QAM	1	0		19.82		20.5	3.5
10	256QAM	1	25		19.62			
10	256QAM	1	49		19.55			
10	256QAM	25	0		19.69		20.5	3.5
10	256QAM	25	12		19.58			
10	256QAM	25	25		19.55			
10	256QAM	50	0		19.68			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.93	23.03	22.99	24	0
5	QPSK	1	12	22.90	23.00	22.92		
5	QPSK	1	24	22.84	22.85	22.80		
5	QPSK	12	0	22.95	22.84	22.93	24	0
5	QPSK	12	7	22.77	22.71	22.73		
5	QPSK	12	13	22.71	22.75	22.68		
5	QPSK	25	0	22.88	22.91	22.91		
5	16QAM	1	0	22.86	22.80	22.87	24	0
5	16QAM	1	12	22.72	22.78	22.71		
5	16QAM	1	24	22.67	22.69	22.74		
5	16QAM	12	0	22.62	22.60	22.65	23.5	0.5
5	16QAM	12	7	22.49	22.55	22.58		
5	16QAM	12	13	22.43	22.49	22.45		
5	16QAM	25	0	22.67	22.66	22.63		
5	64QAM	1	0	22.53	22.55	22.47	23.5	0.5
5	64QAM	1	12	22.33	22.32	22.27		
5	64QAM	1	24	22.39	22.42	22.45		
5	64QAM	12	0	21.79	21.83	21.82	22.5	1.5
5	64QAM	12	7	21.62	21.66	21.70		
5	64QAM	12	13	21.61	21.55	21.59		
5	64QAM	25	0	21.71	21.66	21.73		
5	256QAM	1	0	19.77	19.78	19.74	20.5	3.5
5	256QAM	1	12	19.56	19.48	19.51		
5	256QAM	1	24	19.41	19.47	19.50		
5	256QAM	12	0	19.59	19.55	19.64	20.5	3.5
5	256QAM	12	7	19.55	19.52	19.53		
5	256QAM	12	13	19.46	19.43	19.52		
5	256QAM	25	0	19.57	19.56	19.60		

Band 14 Default Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23330			
Frequency (MHz)					793			
10	QPSK	1	0		23.06		24	0
10	QPSK	1	25		23.00			
10	QPSK	1	49		22.86			
10	QPSK	25	0		22.95		24	0
10	QPSK	25	12		22.81			
10	QPSK	25	25		22.78			
10	QPSK	50	0		22.93			
10	16QAM	1	0		22.86		24	0
10	16QAM	1	25		22.78			
10	16QAM	1	49		22.77			
10	16QAM	25	0		22.75		23.5	0.5
10	16QAM	25	12		22.60			
10	16QAM	25	25		22.46			
10	16QAM	50	0		22.64			
10	64QAM	1	0		22.56		23.5	0.5
10	64QAM	1	25		22.38			
10	64QAM	1	49		22.49			
10	64QAM	25	0		21.88		22.5	1.5
10	64QAM	25	12		21.70			
10	64QAM	25	25		21.63			
10	64QAM	50	0		21.69			
10	256QAM	1	0		19.77		20.5	3.5
10	256QAM	1	25		19.55			
10	256QAM	1	49		19.49			
10	256QAM	25	0		19.61		20.5	3.5
10	256QAM	25	12		19.51			
10	256QAM	25	25		19.48			
10	256QAM	50	0		19.66			
Channel				23305	23330	23355	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	0	22.92	22.99	22.97	24	0
5	QPSK	1	12	22.87	22.90	22.86		
5	QPSK	1	24	22.75	22.79	22.74		
5	QPSK	12	0	22.90	22.90	22.83	24	0
5	QPSK	12	7	22.77	22.68	22.77		
5	QPSK	12	13	22.70	22.67	22.64		
5	QPSK	25	0	22.82	22.84	22.86		
5	16QAM	1	0	22.78	22.83	22.78	24	0
5	16QAM	1	12	22.70	22.68	22.64		
5	16QAM	1	24	22.62	22.73	22.64		
5	16QAM	12	0	22.60	22.72	22.67	23.5	0.5
5	16QAM	12	7	22.54	22.51	22.51		
5	16QAM	12	13	22.37	22.40	22.40		
5	16QAM	25	0	22.55	22.53	22.50		
5	64QAM	1	0	22.52	22.52	22.46	23.5	0.5
5	64QAM	1	12	22.28	22.30	22.27		
5	64QAM	1	24	22.44	22.43	22.41		
5	64QAM	12	0	21.74	21.74	21.76	22.5	1.5
5	64QAM	12	7	21.63	21.64	21.58		
5	64QAM	12	13	21.59	21.59	21.52		
5	64QAM	25	0	21.55	21.64	21.66		
5	256QAM	1	0	19.63	19.72	19.65	20.5	3.5
5	256QAM	1	12	19.44	19.46	19.44		
5	256QAM	1	24	19.35	19.44	19.44		
5	256QAM	12	0	19.48	19.47	19.57	20.5	3.5
5	256QAM	12	7	19.38	19.37	19.39		
5	256QAM	12	13	19.35	19.36	19.34		
5	256QAM	25	0	19.53	19.56	19.62		

Band 17 Default Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	22.65	22.73	22.70	24	0
10	QPSK	1	25	22.57	22.60	22.59		
10	QPSK	1	49	22.46	22.51	22.46		
10	QPSK	25	0	22.46	22.66	22.54	24	0
10	QPSK	25	12	22.49	22.53	22.42		
10	QPSK	25	25	22.41	22.48	22.47		
10	QPSK	50	0	22.49	22.62	22.44		
10	16QAM	1	0	22.49	22.60	22.45	24	0
10	16QAM	1	25	22.39	22.48	22.41		
10	16QAM	1	49	22.30	22.40	22.38		
10	16QAM	25	0	22.36	22.58	22.49	23.5	0.5
10	16QAM	25	12	22.38	22.40	22.43		
10	16QAM	25	25	22.30	22.41	22.40		
10	16QAM	50	0	22.24	22.38	22.33		
10	64QAM	1	0	22.39	22.56	22.46	23.5	0.5
10	64QAM	1	25	22.37	22.42	22.40		
10	64QAM	1	49	22.32	22.40	22.29		
10	64QAM	25	0	21.37	21.54	21.36	22.5	1.5
10	64QAM	25	12	21.28	21.39	21.36		
10	64QAM	25	25	21.32	21.36	21.32		
10	64QAM	50	0	21.19	21.28	21.29		
10	256QAM	1	0	19.59	19.71	19.63	20.5	3.5
10	256QAM	1	25	19.45	19.53	19.56		
10	256QAM	1	49	19.44	19.57	19.51		
10	256QAM	25	0	19.44	19.55	19.43	20.5	3.5
10	256QAM	25	12	19.34	19.44	19.33		
10	256QAM	25	25	19.34	19.39	19.37		
10	256QAM	50	0	19.28	19.32	19.22		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.53	22.69	22.65	24	0
5	QPSK	1	12	22.53	22.55	22.48		
5	QPSK	1	24	22.33	22.41	22.37		
5	QPSK	12	0	22.36	22.57	22.44	24	0
5	QPSK	12	7	22.44	22.40	22.38		
5	QPSK	12	13	22.28	22.41	22.43		
5	QPSK	25	0	22.46	22.49	22.32		
5	16QAM	1	0	22.38	22.52	22.31	24	0
5	16QAM	1	12	22.26	22.39	22.35		
5	16QAM	1	24	22.16	22.32	22.32		
5	16QAM	12	0	22.27	22.45	22.35	23.5	0.5
5	16QAM	12	7	22.33	22.32	22.35		
5	16QAM	12	13	22.19	22.34	22.27		
5	16QAM	25	0	22.11	22.24	22.19		
5	64QAM	1	0	22.24	22.48	22.35	23.5	0.5
5	64QAM	1	12	22.29	22.34	22.29		
5	64QAM	1	24	22.17	22.33	22.14		
5	64QAM	12	0	21.33	21.42	21.31	22.5	1.5
5	64QAM	12	7	21.24	21.27	21.22		
5	64QAM	12	13	21.19	21.23	21.25		
5	64QAM	25	0	21.07	21.23	21.24		
5	256QAM	1	0	19.50	19.65	19.49	20.5	3.5
5	256QAM	1	12	19.33	19.42	19.50		
5	256QAM	1	24	19.41	19.43	19.47		
5	256QAM	12	0	19.31	19.51	19.33	20.5	3.5
5	256QAM	12	7	19.27	19.34	19.22		
5	256QAM	12	13	19.20	19.33	19.27		
5	256QAM	25	0	19.24	19.26	19.16		

Band 25 Default Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26690		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	23.16	23.21	23.18	24	0
20	QPSK	1	49	23.03	23.03	23.09		
20	QPSK	1	99	22.97	23.01	23.03		
20	QPSK	50	0	23.00	23.15	23.05	24	0
20	QPSK	50	24	22.95	23.03	22.95		
20	QPSK	50	50	22.88	22.99	22.86		
20	QPSK	100	0	22.91	23.01	22.92		
20	16QAM	1	0	22.96	23.09	22.91	24	0
20	16QAM	1	49	22.94	22.99	22.95		
20	16QAM	1	99	22.81	22.87	22.80		
20	16QAM	50	0	22.79	22.93	22.83	23.5	0.5
20	16QAM	50	24	22.75	22.80	22.75		
20	16QAM	50	50	22.61	22.72	22.70		
20	16QAM	100	0	22.62	22.66	22.61		
20	64QAM	1	0	22.86	23.05	22.91	23.5	0.5
20	64QAM	1	49	22.79	22.95	22.87		
20	64QAM	1	99	22.79	22.82	22.82		
20	64QAM	50	0	21.82	21.95	21.79	22.5	1.5
20	64QAM	50	24	21.78	21.79	21.74		
20	64QAM	50	50	21.73	21.82	21.72		
20	64QAM	100	0	21.69	21.66	21.64		
20	256QAM	1	0	19.90	20.04	19.89	20.5	3.5
20	256QAM	1	49	19.79	19.90	19.83		
20	256QAM	1	99	19.77	19.85	19.78		
20	256QAM	50	0	19.87	19.98	19.87	20.5	3.5
20	256QAM	50	24	19.77	19.90	19.74		
20	256QAM	50	50	19.70	19.74	19.71		
20	256QAM	100	0	19.62	19.74	19.68		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	23.05	23.13	23.04	24	0
15	QPSK	1	37	22.99	22.90	23.00		
15	QPSK	1	74	22.84	22.90	22.97		
15	QPSK	36	0	22.94	23.01	22.95	24	0
15	QPSK	36	20	22.82	22.96	22.88		
15	QPSK	36	39	22.84	22.95	22.75		
15	QPSK	75	0	22.77	22.98	22.79		
15	16QAM	1	0	22.92	22.98	22.84	24	0
15	16QAM	1	37	22.81	22.87	22.85		
15	16QAM	1	74	22.68	22.79	22.74		
15	16QAM	36	0	22.70	22.81	22.75	23.5	0.5
15	16QAM	36	20	22.68	22.66	22.62		
15	16QAM	36	39	22.48	22.61	22.64		
15	16QAM	75	0	22.49	22.53	22.50		
15	64QAM	1	0	22.74	22.90	22.77	23.5	0.5
15	64QAM	1	37	22.70	22.82	22.77		
15	64QAM	1	74	22.70	22.68	22.68		
15	64QAM	36	0	21.74	21.85	21.65	22.5	1.5
15	64QAM	36	20	21.72	21.68	21.69		
15	64QAM	36	39	21.68	21.79	21.59		
15	64QAM	75	0	21.55	21.54	21.60		
15	256QAM	1	0	19.76	19.96	19.85	20.5	3.5
15	256QAM	1	37	19.75	19.79	19.79		
15	256QAM	1	74	19.67	19.70	19.73		
15	256QAM	36	0	19.78	19.83	19.77	20.5	3.5
15	256QAM	36	20	19.69	19.87	19.60		
15	256QAM	36	39	19.57	19.70	19.61		
15	256QAM	75	0	19.55	19.66	19.55		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	23.03	23.09	23.05	24	0
10	QPSK	1	25	22.94	22.92	22.98		
10	QPSK	1	49	22.90	22.95	22.90		
10	QPSK	25	0	22.90	23.04	22.99	24	0
10	QPSK	25	12	22.87	22.89	22.83		
10	QPSK	25	25	22.84	22.85	22.71		
10	QPSK	50	0	22.80	22.89	22.83		
10	16QAM	1	0	22.90	22.95	22.83	24	0
10	16QAM	1	25	22.81	22.91	22.88		
10	16QAM	1	49	22.68	22.76	22.66		
10	16QAM	25	0	22.74	22.80	22.75	23.5	0.5
10	16QAM	25	12	22.62	22.68	22.67		
10	16QAM	25	25	22.52	22.67	22.57		
10	16QAM	50	0	22.57	22.60	22.54		
10	64QAM	1	0	22.82	22.91	22.85	23.5	0.5
10	64QAM	1	25	22.64	22.88	22.76		
10	64QAM	1	49	22.72	22.76	22.71		
10	64QAM	25	0	21.79	21.84	21.68	22.5	1.5
10	64QAM	25	12	21.74	21.76	21.64		
10	64QAM	25	25	21.66	21.77	21.61		
10	64QAM	50	0	21.62	21.56	21.52		
10	256QAM	1	0	19.80	19.94	19.81	20.5	3.5
10	256QAM	1	25	19.68	19.75	19.72		
10	256QAM	1	49	19.74	19.73	19.68		
10	256QAM	25	0	19.82	19.91	19.77	20.5	3.5
10	256QAM	25	12	19.71	19.83	19.68		
10	256QAM	25	25	19.65	19.61	19.60		
10	256QAM	50	0	19.55	19.67	19.63		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	23.12	23.07	23.10	24	0
5	QPSK	1	12	22.95	22.92	23.03		
5	QPSK	1	24	22.86	22.90	22.95		
5	QPSK	12	0	22.86	23.04	22.92	24	0
5	QPSK	12	7	22.88	23.00	22.84		
5	QPSK	12	13	22.77	22.88	22.79		
5	QPSK	25	0	22.77	22.91	22.86		
5	16QAM	1	0	22.88	23.04	22.88	24	0
5	16QAM	1	12	22.88	22.90	22.87		
5	16QAM	1	24	22.67	22.77	22.73		
5	16QAM	12	0	22.70	22.84	22.73	23.5	0.5
5	16QAM	12	7	22.71	22.70	22.63		
5	16QAM	12	13	22.50	22.60	22.56		
5	16QAM	25	0	22.55	22.62	22.51		
5	64QAM	1	0	22.78	22.98	22.88	23.5	0.5
5	64QAM	1	12	22.71	22.92	22.81		
5	64QAM	1	24	22.65	22.69	22.76		
5	64QAM	12	0	21.78	21.84	21.70	22.5	1.5
5	64QAM	12	7	21.70	21.65	21.70		
5	64QAM	12	13	21.68	21.79	21.68		
5	64QAM	25	0	21.60	21.54	21.60		
5	256QAM	1	0	19.75	19.96	19.86	20.5	3.5
5	256QAM	1	12	19.71	19.82	19.75		
5	256QAM	1	24	19.68	19.75	19.74		
5	256QAM	12	0	19.76	19.85	19.84	20.5	3.5
5	256QAM	12	7	19.68	19.78	19.59		
5	256QAM	12	13	19.61	19.64	19.64		
5	256QAM	25	0	19.57	19.64	19.54		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	23.02	23.15	23.13	24	0
3	QPSK	1	8	22.98	22.95	22.96		
3	QPSK	1	14	22.94	22.93	22.99		
3	QPSK	8	0	22.94	23.05	22.96	24	0
3	QPSK	8	4	22.80	22.97	22.91		
3	QPSK	8	7	22.75	22.84	22.78		
3	QPSK	15	0	22.83	22.96	22.80		
3	16QAM	1	0	22.84	23.02	22.85	24	0
3	16QAM	1	8	22.89	22.86	22.87		
3	16QAM	1	14	22.77	22.75	22.66		
3	16QAM	8	0	22.66	22.87	22.79	23.5	0.5
3	16QAM	8	4	22.65	22.65	22.67		
3	16QAM	8	7	22.57	22.68	22.60		
3	16QAM	15	0	22.48	22.60	22.53		
3	64QAM	1	0	22.75	22.92	22.80	23.5	0.5
3	64QAM	1	8	22.66	22.91	22.76		
3	64QAM	1	14	22.65	22.72	22.69		
3	64QAM	8	0	21.76	21.87	21.64	22.5	1.5
3	64QAM	8	4	21.67	21.66	21.62		
3	64QAM	8	7	21.61	21.74	21.57		
3	64QAM	15	0	21.63	21.53	21.58		
3	256QAM	1	0	19.76	19.96	19.83	20.5	3.5
3	256QAM	1	8	19.69	19.85	19.77		
3	256QAM	1	14	19.63	19.72	19.67		
3	256QAM	8	0	19.76	19.83	19.81	20.5	3.5
3	256QAM	8	4	19.66	19.83	19.60		
3	256QAM	8	7	19.62	19.71	19.60		
3	256QAM	15	0	19.50	19.61	19.61		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	23.12	23.12	23.15	24	0
1.4	QPSK	1	3	22.98	22.97	23.05		
1.4	QPSK	1	5	22.93	22.93	22.96		
1.4	QPSK	3	0	22.85	23.09	22.97		
1.4	QPSK	3	1	22.81	22.87	22.82		
1.4	QPSK	3	3	22.81	22.94	22.71		
1.4	QPSK	6	0	22.80	22.86	22.80	24	0
1.4	16QAM	1	0	22.92	23.04	22.83	24	0
1.4	16QAM	1	3	22.86	22.90	22.81		
1.4	16QAM	1	5	22.84	23.00	22.81		
1.4	16QAM	3	0	22.78	22.89	22.78		
1.4	16QAM	3	1	22.85	22.95	22.84		
1.4	16QAM	3	3	22.90	23.03	22.79		
1.4	16QAM	6	0	22.70	22.67	22.69	23.5	0.5
1.4	64QAM	1	0	22.57	22.62	22.57	23.5	0.5
1.4	64QAM	1	3	22.57	22.60	22.55		
1.4	64QAM	1	5	22.70	22.76	22.67		
1.4	64QAM	3	0	22.67	22.86	22.84		
1.4	64QAM	3	1	22.71	22.70	22.69		
1.4	64QAM	3	3	22.72	22.86	22.83		
1.4	64QAM	6	0	21.68	21.91	21.70	22.5	1.5
1.4	256QAM	1	0	19.86	19.92	19.81	20.5	3.5
1.4	256QAM	1	3	19.69	19.76	19.78		
1.4	256QAM	1	5	19.71	19.78	19.65		
1.4	256QAM	3	0	19.73	19.93	19.72		
1.4	256QAM	3	1	19.69	19.76	19.67		
1.4	256QAM	3	3	19.65	19.65	19.58		
1.4	256QAM	6	0	19.54	19.67	19.62	20.5	3.5

Band 26 Default Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	22.53	22.59	22.47	24	0
15	QPSK	1	37	22.38	22.39	22.38		
15	QPSK	1	74	22.28	22.37	22.31		
15	QPSK	36	0	22.37	22.54	22.37	24	0
15	QPSK	36	20	22.37	22.46	22.31		
15	QPSK	36	39	22.31	22.30	22.34		
15	QPSK	75	0	22.31	22.36	22.29		
15	16QAM	1	0	22.29	22.51	22.36	24	0
15	16QAM	1	37	22.34	22.40	22.27		
15	16QAM	1	74	22.28	22.34	22.22		
15	16QAM	36	0	22.33	22.47	22.38	23.5	0.5
15	16QAM	36	20	22.30	22.32	22.26		
15	16QAM	36	39	22.26	22.29	22.26		
15	16QAM	75	0	22.21	22.22	22.14		
15	64QAM	1	0	22.26	22.42	22.27	23.5	0.5
15	64QAM	1	37	22.26	22.27	22.23		
15	64QAM	1	74	22.10	22.25	22.20		
15	64QAM	36	0	21.26	21.37	21.25	22.5	1.5
15	64QAM	36	20	21.21	21.27	21.22		
15	64QAM	36	39	21.11	21.15	21.15		
15	64QAM	75	0	21.04	21.08	21.02		
15	256QAM	1	0	19.46	19.62	19.47	20.5	3.5
15	256QAM	1	37	19.39	19.48	19.44		
15	256QAM	1	74	19.33	19.39	19.39		
15	256QAM	36	0	19.36	19.49	19.36	20.5	3.5
15	256QAM	36	20	19.22	19.40	19.34		
15	256QAM	36	39	19.22	19.34	19.36		
15	256QAM	75	0	19.13	19.21	19.15		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.42	22.46	22.37	24	0
10	QPSK	1	25	22.23	22.33	22.22		
10	QPSK	1	49	22.14	22.25	22.20		
10	QPSK	25	0	22.23	22.44	22.27	24	0
10	QPSK	25	12	22.24	22.39	22.16		
10	QPSK	25	25	22.26	22.19	22.22		
10	QPSK	50	0	22.28	22.25	22.25		
10	16QAM	1	0	22.17	22.41	22.32	24	0
10	16QAM	1	25	22.23	22.36	22.19		
10	16QAM	1	49	22.23	22.20	22.15		
10	16QAM	25	0	22.21	22.41	22.24	23.5	0.5
10	16QAM	25	12	22.23	22.24	22.14		
10	16QAM	25	25	22.17	22.18	22.18		
10	16QAM	50	0	22.10	22.11	22.07		
10	64QAM	1	0	22.16	22.29	22.18	23.5	0.5
10	64QAM	1	25	22.23	22.17	22.11		
10	64QAM	1	49	22.01	22.15	22.13		
10	64QAM	25	0	21.11	21.29	21.21	22.5	1.5
10	64QAM	25	12	21.14	21.22	21.08		
10	64QAM	25	25	21.05	21.07	21.03		
10	64QAM	50	0	20.91	21.02	20.88		
10	256QAM	1	0	19.41	19.50	19.34	20.5	3.5
10	256QAM	1	25	19.32	19.35	19.33		
10	256QAM	1	49	19.19	19.28	19.36		
10	256QAM	25	0	19.28	19.46	19.25	20.5	3.5
10	256QAM	25	12	19.07	19.31	19.21		
10	256QAM	25	25	19.15	19.20	19.16		
10	256QAM	50	0	18.99	19.15	19.04		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.43	22.49	22.40	24	0
5	QPSK	1	12	22.25	22.30	22.33		
5	QPSK	1	24	22.23	22.32	22.21		
5	QPSK	12	0	22.34	22.41	22.28	24	0
5	QPSK	12	7	22.28	22.33	22.20		
5	QPSK	12	13	22.21	22.24	22.25		
5	QPSK	25	0	22.26	22.23	22.21		
5	16QAM	1	0	22.16	22.46	22.24	24	0
5	16QAM	1	12	22.21	22.36	22.16		
5	16QAM	1	24	22.15	22.21	22.13		
5	16QAM	12	0	22.29	22.38	22.25	23.5	0.5
5	16QAM	12	7	22.16	22.28	22.19		
5	16QAM	12	13	22.21	22.22	22.23		
5	16QAM	25	0	22.12	22.14	22.07		
5	64QAM	1	0	22.18	22.32	22.17	23.5	0.5
5	64QAM	1	12	22.21	22.17	22.12		
5	64QAM	1	24	21.97	22.16	22.17		
5	64QAM	12	0	21.15	21.31	21.21	22.5	1.5
5	64QAM	12	7	21.15	21.18	21.14		
5	64QAM	12	13	21.02	21.12	21.03		
5	64QAM	25	0	20.94	21.01	20.87		
5	256QAM	1	0	19.36	19.50	19.39	20.5	3.5
5	256QAM	1	12	19.26	19.34	19.30		
5	256QAM	1	24	19.29	19.31	19.31		
5	256QAM	12	0	19.31	19.43	19.26	20.5	3.5
5	256QAM	12	7	19.13	19.31	19.27		
5	256QAM	12	13	19.17	19.29	19.17		
5	256QAM	25	0	19.06	19.14	19.01		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.50	22.50	22.37	24	0
3	QPSK	1	8	22.34	22.32	22.23		
3	QPSK	1	14	22.14	22.29	22.19		
3	QPSK	8	0	22.30	22.51	22.31	24	0
3	QPSK	8	4	22.32	22.33	22.16		
3	QPSK	8	7	22.22	22.27	22.23		
3	QPSK	15	0	22.24	22.33	22.22		
3	16QAM	1	0	22.21	22.44	22.30	24	0
3	16QAM	1	8	22.29	22.36	22.13		
3	16QAM	1	14	22.22	22.28	22.18		
3	16QAM	8	0	22.21	22.42	22.28	23.5	0.5
3	16QAM	8	4	22.25	22.24	22.18		
3	16QAM	8	7	22.22	22.21	22.15		
3	16QAM	15	0	22.17	22.08	22.09		
3	64QAM	1	0	22.19	22.38	22.12	23.5	0.5
3	64QAM	1	8	22.21	22.24	22.14		
3	64QAM	1	14	22.00	22.22	22.14		
3	64QAM	8	0	21.18	21.29	21.13	22.5	1.5
3	64QAM	8	4	21.10	21.19	21.13		
3	64QAM	8	7	20.98	21.05	21.06		
3	64QAM	15	0	20.99	21.02	20.89		
3	256QAM	1	0	19.41	19.53	19.37	20.5	3.5
3	256QAM	1	8	19.30	19.41	19.35		
3	256QAM	1	14	19.19	19.25	19.28		
3	256QAM	8	0	19.29	19.42	19.30	20.5	3.5
3	256QAM	8	4	19.10	19.29	19.25		
3	256QAM	8	7	19.17	19.26	19.16		
3	256QAM	15	0	19.08	19.16	19.01		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.45	22.52	22.42	24	0
1.4	QPSK	1	3	22.33	22.31	22.26		
1.4	QPSK	1	5	22.14	22.24	22.27		
1.4	QPSK	3	0	22.31	22.42	22.34		
1.4	QPSK	3	1	22.33	22.34	22.17		
1.4	QPSK	3	3	22.28	22.17	22.26		
1.4	QPSK	6	0	22.19	22.30	22.22	24	0
1.4	16QAM	1	0	22.14	22.45	22.29	24	0
1.4	16QAM	1	3	22.21	22.37	22.24		
1.4	16QAM	1	5	22.24	22.24	22.14		
1.4	16QAM	3	0	22.26	22.39	22.33		
1.4	16QAM	3	1	22.21	22.31	22.24		
1.4	16QAM	3	3	22.19	22.23	22.13		
1.4	16QAM	6	0	22.22	22.37	22.35	23.5	0.5
1.4	64QAM	1	0	22.21	22.29	22.20	23.5	0.5
1.4	64QAM	1	3	22.16	22.16	22.22		
1.4	64QAM	1	5	22.15	22.09	22.07		
1.4	64QAM	3	0	22.22	22.36	22.17		
1.4	64QAM	3	1	22.11	22.14	22.19		
1.4	64QAM	3	3	22.06	22.12	22.12		
1.4	64QAM	6	0	21.13	21.34	21.18	22.5	1.5
1.4	256QAM	1	0	19.38	19.54	19.42	20.5	3.5
1.4	256QAM	1	3	19.32	19.36	19.34		
1.4	256QAM	1	5	19.27	19.29	19.31		
1.4	256QAM	3	0	19.27	19.37	19.29		
1.4	256QAM	3	1	19.09	19.31	19.29		
1.4	256QAM	3	3	19.16	19.22	19.22		
1.4	256QAM	6	0	19.08	19.11	19.08	20.5	3.5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		19.39		20.2	0
10	QPSK	1	25		19.19			
10	QPSK	1	49		19.22			
10	QPSK	25	0		19.26		20.2	0
10	QPSK	25	12		19.08			
10	QPSK	25	25		19.20			
10	QPSK	50	0		19.18			
10	16QAM	1	0		19.14		20.2	0
10	16QAM	1	25		19.13			
10	16QAM	1	49		19.12			
10	16QAM	25	0		19.16		20.2	0
10	16QAM	25	12		19.21			
10	16QAM	25	25		19.18			
10	16QAM	50	0		19.02			
10	64QAM	1	0		19.26		20.2	0
10	64QAM	1	25		19.17			
10	64QAM	1	49		19.22			
10	64QAM	25	0		19.30		20.2	0
10	64QAM	25	12		19.13			
10	64QAM	25	25		19.04			
10	64QAM	50	0		18.99			
10	256QAM	1	0		19.38		20	0.2
10	256QAM	1	25		19.22			
10	256QAM	1	49		19.22			
10	256QAM	25	0		18.96		20	0.2
10	256QAM	25	12		18.85			
10	256QAM	25	25		18.78			
10	256QAM	50	0		18.73			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	19.31	19.34	19.33	20.2	0
5	QPSK	1	12	19.22	19.24	19.12		
5	QPSK	1	24	19.13	19.20	19.21		
5	QPSK	12	0	19.19	19.24	19.16	20.2	0
5	QPSK	12	7	19.11	19.10	19.11		
5	QPSK	12	13	19.09	19.09	19.13		
5	QPSK	25	0	18.94	19.17	19.05		
5	16QAM	1	0	19.26	19.03	19.01	20.2	0
5	16QAM	1	12	19.02	19.09	19.02		
5	16QAM	1	24	19.06	19.02	19.03		
5	16QAM	12	0	19.03	19.21	19.00	20.2	0
5	16QAM	12	7	18.98	19.17	19.12		
5	16QAM	12	13	19.13	19.20	19.21		
5	16QAM	25	0	19.05	19.10	19.14		
5	64QAM	1	0	19.01	19.19	19.01	20.2	0
5	64QAM	1	12

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	21.14	21.28	21.20	22.5	0
20	QPSK	1	49	21.07	21.18	21.01		
20	QPSK	25	99	21.00	21.13	21.08		
20	QPSK	50	0	21.03	21.20	21.04		
20	QPSK	50	24	20.99	21.04	20.95	22.5	0
20	QPSK	50	50	21.05	21.08	21.03		
20	QPSK	100	0	20.94	21.08	20.91		
20	16QAM	1	0	21.17	20.98	20.99		
20	16QAM	1	49	21.00	20.98	20.92	22.5	0
20	16QAM	1	99	20.99	20.97	20.98		
20	16QAM	50	0	20.98	21.10	20.95		
20	16QAM	50	24	20.91	21.09	20.96	22.5	0
20	16QAM	50	50	20.98	21.07	21.10		
20	16QAM	100	0	20.91	20.98	21.00		
20	64QAM	1	0	20.83	21.15	20.90		
20	64QAM	1	49	20.94	20.98	21.00	22.5	0
20	64QAM	1	99	20.85	21.03	21.01		
20	64QAM	50	0	20.93	21.14	20.93		
20	64QAM	50	24	20.92	21.03	20.89	22.5	0
20	64QAM	50	50	20.86	21.02	20.97		
20	64QAM	100	0	20.91	20.97	20.92		
20	256QAM	1	0	18.86	19.07	18.93		
20	256QAM	1	49	18.89	18.92	18.84	20.5	2
20	256QAM	1	99	18.81	18.84	18.83		
20	256QAM	50	0	18.84	18.98	18.80		
20	256QAM	50	24	18.78	18.86	18.74	20.5	2
20	256QAM	50	50	18.69	18.77	18.73		
20	256QAM	100	0	18.71	18.70	18.65		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	20.99	21.23	21.16	22.5	0
15	QPSK	1	37	20.92	21.07	20.88		
15	QPSK	1	74	20.97	21.02	20.99		
15	QPSK	36	0	20.99	21.09	21.00		
15	QPSK	36	20	20.89	20.95	20.92	22.5	0
15	QPSK	36	39	20.95	21.01	20.99		
15	QPSK	75	0	20.82	20.98	20.87		
15	16QAM	1	0	21.09	20.85	20.96		
15	16QAM	1	37	20.91	20.91	20.87	22.5	0
15	16QAM	1	74	20.90	20.93	20.85		
15	16QAM	36	0	20.86	21.00	20.86		
15	16QAM	36	20	20.87	20.95	20.89	22.5	0
15	16QAM	36	39	20.91	20.97	20.97		
15	16QAM	75	0	20.81	20.94	20.86		
15	64QAM	1	0	20.80	21.11	20.81		
15	64QAM	1	37	20.80	20.93	20.93	22.5	0
15	64QAM	1	74	20.80	20.99	20.92		
15	64QAM	36	0	20.87	21.02	20.88		
15	64QAM	36	20	20.87	20.98	20.76	22.5	0
15	64QAM	36	39	20.76	20.90	20.87		
15	64QAM	75	0	20.76	20.92	20.88		
15	256QAM	1	0	18.78	18.99	18.80		
15	256QAM	1	37	18.82	18.89	18.78	20.5	2
15	256QAM	1	74	18.75	18.79	18.77		
15	256QAM	36	0	18.80	18.86	18.69		
15	256QAM	36	20	18.73	18.73	18.60	20.5	2
15	256QAM	36	39	18.58	18.69	18.63		
15	256QAM	75	0	18.63	18.61	18.56		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	21.11	21.19	21.05	22.5	0
10	QPSK	1	25	21.02	21.13	20.90		
10	QPSK	1	49	20.91	20.98	21.02		
10	QPSK	25	0	20.98	21.07	20.91		
10	QPSK	25	12	20.86	21.00	20.83	22.5	0
10	QPSK	25	25	20.97	20.97	20.91		
10	QPSK	50	0	20.84	20.94	20.87		
10	16QAM	1	0	21.06	20.90	20.95		
10	16QAM	1	25	20.94	20.92	20.86	22.5	0
10	16QAM	1	49	20.84	20.88	20.86		
10	16QAM	25	0	20.85	21.00	20.90		
10	16QAM	25	12	20.83	21.05	20.88	22.5	0
10	16QAM	25	25	20.95	21.02	21.07		
10	16QAM	50	0	20.87	20.88	20.88		
10	64QAM	1	0	20.73	21.07	20.85		
10	64QAM	1	25	20.79	20.93	20.88	22.5	0
10	64QAM	1	49	20.71	20.90	20.91		
10	64QAM	25	0	20.80	21.00	20.86		
10	64QAM	25	12	20.86	20.97	20.85	22.5	0
10	64QAM	25	25	20.77	20.96	20.92		
10	64QAM	50	0	20.84	20.82	20.86		
10	256QAM	1	0	18.76	18.96	18.81		
10	256QAM	1	25	18.79	18.82	18.80	20.5	2
10	256QAM	1	49	18.73	18.70	18.77		
10	256QAM	25	0	18.71	18.87	18.74		
10	256QAM	25	12	18.75	18.81	18.63	20.5	2
10	256QAM	25	25	18.60	18.65	18.62		
10	256QAM	50	0	18.63	18.57	18.53		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	20.99	21.16	21.07	22.5	0
5	QPSK	1	12	21.03	21.13	20.87		
5	QPSK	1	24	20.93	21.07	20.94		
5	QPSK	12	0	20.99	21.07	20.94		
5	QPSK	12	7	20.90	20.92	20.91	22.5	0
5	QPSK	12	13	20.95	20.96	20.97		
5	QPSK	25	0	20.82	20.99	20.81		
5	16QAM	1	0	21.10	20.93	20.89		
5	16QAM	1	12	20.92	20.83	20.78	22.5	0
5	16QAM	1	24	20.93	20.85	20.91		
5	16QAM	12	0	20.92	21.07	20.88		
5	16QAM	12	7	20.84	20.98	20.90	22.5	0
5	16QAM	12	13	20.91	20.93	21.00		
5	16QAM	25	0	20.80	20.92	20.89		
5	64QAM	1	0	20.75	21.09	20.86		
5	64QAM	1	12	20.86	20.84	20.89	22.5	0
5	64QAM	1	24	20.74	20.98	20.87		
5	64QAM	12	0	20.86	21.10	20.87		
5	64QAM	12	7	20.82	20.93	20.82	22.5	0
5	64QAM	12	13	20.76	20.95	20.88		
5	64QAM	25	0	20.83	20.86	20.88		
5	256QAM	1	0	18.76	19.01	18.86		
5	256QAM	1	12	18.77	18.84	18.80	20.5	2
5	256QAM	1	24	18.71	18.76	18.78		
5	256QAM	12	0	18.72	18.83	18.71		
5	256QAM	12	7	18.71	18.72	18.68	20.5	2
5	256QAM	12	13	18.65	18.66	18.61		
5	256QAM	25	0	18.62	18.61	18.61		
Channel				131897	132322	132747	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	21.04	21.24	21.10	22.5	0
3	QPSK	1	8	20.94	21.04	20.95		
3	QPSK	1	14	20.89	21.06	21.00		
3	QPSK	8	0	20.94	21.05	20.90		
3	QPSK	8	4	20.94	20.90	20.85	22.5	0
3	QPSK	8	7	21.02	21.03	20.94		
3	QPSK	15	0	20.82	20.97	20.87		
3	16QAM	1	0	21.03	20.86	20.94		
3	16QAM	1	8	20.97	20.91	20.83	22.5	0
3	16QAM	1	14	20.94	20.93	20.85		
3	16QAM	8	0	20.86	21.04	20.91		
3	16QAM	8	4	20.84	21.00	20.84	22.5	0
3	16QAM	8	7	20.91	21.01	20.95		
3	16QAM	15	0	20.86	20.88	20.87		
3	64QAM	1	0	20.69	21.01	20.78		
3	64QAM	1	8	20.88	20.92	20.90	22.5	0
3	64QAM	1	14	20.78	20.90	20.98		
3	64QAM	8	0	20.85	21.08	20.90		
3	64QAM	8	4	20.81	20.89	20.85	22.5	0
3	64QAM	8	7	20.77	20.99	20.85		
3	64QAM	15	0	20.86	20.90	20.80		
3	256QAM	1	0	18.75	18.99	18.84		
3	256QAM	1	8	18.85	18.86	18.79	20.5	2
3	256QAM	1	14	18.74	18.81	18.70		
3	256QAM	8	0	18.69	18.88	18.73		
3	256QAM	8	4	18.75	18.75	18.68	20.5	2
3	256QAM	8	7	18.60	18.72	18.60		
3	256QAM	15	0	18.58	18.60	18.62		
Channel				131975	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	21.02	21.21	21.13	22.5	0
1.4	QPSK	1	3	20.97	21.12	20.91		
1.4	QPSK	1	5	20.90	21.03	20.95		
1.4	QPSK	3	0	20.89	21.06	20.95		
1.4	QPSK	3	1	20.86	20.92	20.83		
1.4	QPSK	3	3	21.01	20.98	20.97		
1.4	QPSK	6	0	20.83	20.97	20.80	22.5	0
1.4	16QAM	1	0	21.07	20.87	20.93	22.5	0
1.4	16QAM	1	3	20.93	20.86	20.85		
1.4	16QAM	1	5	20.92	20.94	20.89		
1.4	16QAM	3	0	20.87	21.06	20.82		
1.4	16QAM	3	1	20.81	21.06	20.88		
1.4	16QAM	3	3	20.89	21.03	20.99		
1.4	16QAM	6	0	20.84	20.92	20.89	22.5	0
1.4	64QAM	1	0	20.76	21.10	20.84	22.5	0
1.4	64QAM	1	3	20.90	20.92	20.92		
1.4	64QAM	1	5	20.78	20.93	20.88		
1.4	64QAM	3	0	20.84	21.10	20.83		
1.4	64QAM	3	1	20.87	20.98	20.78		
1.4	64QAM	3	3	20.75	20.95	20.89		
1.4	64QAM	6	0	20.80	20.91	20.88	22.5	0
1.4	256QAM	1	0	18.73	18.99	18.89	20.5	2
1.4	256QAM	1	3	18.78	18.85	18.75		
1.4	256QAM	1	5	18.76	18.89	18.69		
1.4	256QAM	3	0	18.80	18.86	18.76		
1.4	256QAM	3	1	18.74	18.79	18.59		
1.4	256QAM	3	3	18.66	18.69	18.61		
1.4	256QAM	6	0	18.64	18.58	18.60	20.5	2

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				133222	133322	133372		
Frequency (MHz)				673	683	688		
20	QPSK	1	0	22.95	23.04	22.89	24	0
20	QPSK	1	49	22.84	22.87	22.77		
20	QPSK	25	99	22.71	22.88	22.66		
20	QPSK	50	0	22.76	22.94	22.84		
20	QPSK	50	24	22.77	22.77	22.75	24	0
20	QPSK	50	50	22.71	22.73	22.66		
20	QPSK	100	0	22.66	22.76	22.70		
20	16QAM	1	0	22.78	22.92	22.73		
20	16QAM	1	49	22.69	22.83	22.73	24	0
20	16QAM	1	99	22.61	22.76	22.66		
20	16QAM	50	0	22.53	22.74	22.61		
20	16QAM	50	24	22.50	22.54	22.54	23.5	0.5
20	16QAM	50	50	22.48	22.60	22.51		
20	16QAM	100	0	22.46	22.54	22.45		
20	64QAM	1	0	22.73	22.88	22.76		
20	64QAM	1	49	22.72	22.75	22.72	23.5	0.5
20	64QAM	1	99	22.64	22.69	22.60		
20	64QAM	50	0	21.67	21.83	21.73		
20	64QAM	50	24	21.63	21.72	21.69	22.5	1.5
20	64QAM	50	50	21.56	21.61	21.62		
20	64QAM	100	0	21.49	21.55	21.55		
20	256QAM	1	0	19.64	19.81	19.72		
20	256QAM	1	49	19.57	19.61	19.61	20.5	3.5
20	256QAM	1	99	19.58	19.64	19.55		
20	256QAM	50	0	19.59	19.77	19.58		
20	256QAM	50	24	19.56	19.64	19.53	20.5	3.5
20	256QAM	50	50	19.54	19.64	19.50		
20	256QAM	100	0	19.43	19.48	19.47		
Channel				133197	133297	133397	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	0	22.85	23.00	22.78	24	0
15	QPSK	1	37	22.71	22.75	22.65		
15	QPSK	1	74	22.67	22.82	22.58		
15	QPSK	36	0	22.69	22.88	22.74		
15	QPSK	36	20	22.64	22.63	22.66	24	0
15	QPSK	36	39	22.68	22.64	22.53		
15	QPSK	75	0	22.58	22.61	22.59		
15	16QAM	1	0	22.68	22.78	22.64		
15	16QAM	1	37	22.64	22.69	22.66	24	0
15	16QAM	1	74	22.47	22.69	22.59		
15	16QAM	36	0	22.44	22.62	22.52		
15	16QAM	36	20	22.40	22.49	22.49	23.5	0.5
15	16QAM	36	39	22.45	22.46	22.40		
15	16QAM	75	0	22.33	22.41	22.41		
15	64QAM	1	0	22.68	22.82	22.67		
15	64QAM	1	37	22.68	22.63	22.67	23.5	0.5
15	64QAM	1	74	22.59	22.57	22.55		
15	64QAM	36	0	21.61	21.78	21.58		
15	64QAM	36	20	21.49	21.59	21.57	22.5	1.5
15	64QAM	36	39	21.46	21.47	21.57		
15	64QAM	75	0	21.46	21.50	21.44		
15	256QAM	1	0	19.52	19.68	19.62		
15	256QAM	1	37	19.47	19.53	19.46	20.5	3.5
15	256QAM	1	74	19.54	19.57	19.45		
15	256QAM	36	0	19.48	19.65	19.46		
15	256QAM	36	20	19.43	19.55	19.48	20.5	3.5
15	256QAM	36	39	19.41	19.60	19.43		
15	256QAM	75	0	19.31	19.37	19.36		
Channel				133172	133272	133422	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	678	693		
10	QPSK	1	0	22.83	22.96	22.78	24	0
10	QPSK	1	25	22.75	22.74	22.64		
10	QPSK	1	49	22.67	22.83	22.59		
10	QPSK	25	0	22.71	22.81	22.73		
10	QPSK	25	12	22.70	22.73	22.63	24	0
10	QPSK	25	25	22.66	22.85	22.58		
10	QPSK	50	0	22.60	22.71	22.59		
10	16QAM	1	0	22.73	22.77	22.64		
10	16QAM	1	25	22.58	22.72	22.69	24	0
10	16QAM	1	49	22.50	22.67	22.62		
10	16QAM	25	0	22.42	22.62	22.55		
10	16QAM	25	12	22.40	22.47	22.49	23.5	0.5
10	16QAM	25	25	22.42	22.46	22.40		
10	16QAM	50	0	22.32	22.50	22.40		
10	64QAM	1	0	22.64	22.73	22.65		
10	64QAM	1	25	22.63	22.61	22.59	23.5	0.5
10	64QAM	1	49	22.54	22.55	22.49		
10	64QAM	25	0	21.63	21.71	21.60		
10	64QAM	25	12	21.52	21.63	21.58	22.5	1.5
10	64QAM	25	25	21.41	21.54	21.55		
10	64QAM	50	0	21.35	21.51	21.48		
10	256QAM	1	0	19.60	19.72	19.61		
10	256QAM	1	25	19.42	19.49	19.48	20.5	3.5
10	256QAM	1	49	19.53	19.51	19.49		
10	256QAM	25	0	19.52	19.72	19.55		
10	256QAM	25	12	19.43	19.55	19.43	20.5	3.5
10	256QAM	25	25	19.44	19.53	19.37		
10	256QAM	50	0	19.36	19.37	19.36		
Channel				133147	133247	133447	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	675.5	695.5		
5	QPSK	1	0	22.82	22.90	22.82	24	0
5	QPSK	1	12	22.78	22.83	22.63		
5	QPSK	1	24	22.64	22.84	22.53		
5	QPSK	12	0	22.68	22.81	22.80		
5	QPSK	12	7	22.64	22.69	22.61	24	0
5	QPSK	12	13	22.59	22.60	22.57		
5	QPSK	25	0	22.57	22.71	22.65		
5	16QAM	1	0	22.68	22.82	22.63		
5	16QAM	1	12	22.54	22.75	22.69	24	0
5	16QAM	1	24	22.54	22.70	22.61		
5	16QAM	12	0	22.49	22.71	22.49		
5	16QAM	12	7	22.43	22.42	22.43	23.5	0.5
5	16QAM	12	13	22.38	22.54	22.42		
5	16QAM	25	0	22.42	22.42	22.41		
5	64QAM	1	0	22.68	22.80	22.62		
5	64QAM	1	12	22.62	22.61	22.57	23.5	0.5
5	64QAM	1	24	22.58	22.55	22.48		
5	64QAM	12	0	21.61	21.71	21.64		
5	64QAM	12	7	21.52	21.65	21.63	22.5	1.5
5	64QAM	12	13	21.42	21.50	21.51		
5	64QAM	25	0	21.39	21.43	21.52		
5	256QAM	1	0	19.60	19.74	19.68		
5	256QAM	1	12	19.44	19.48	19.56	20.5	3.5
5	256QAM	1	24	19.45	19.60	19.40		
5	256QAM	12	0	19.54	19.63	19.45		
5	256QAM	12	7	19.41	19.50	19.41	20.5	3.5
5	256QAM	12	13	19.44	19.52	19.40		
5	256QAM	25	0	19.31	19.43	19.36		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	19.96	20.09	20.01	20.6	0
20	QPSK	1	49	19.91	20.02	19.87		
20	QPSK	1	99	19.80	19.91	19.94		
20	QPSK	50	0	19.90	20.05	19.80	20.6	0
20	QPSK	50	24	19.85	19.95	19.81		
20	QPSK	50	50	19.88	19.87	19.83		
20	QPSK	100	0	19.69	19.95	19.71		
20	16QAM	1	0	19.97	19.78	19.77	20.6	0
20	16QAM	1	49	19.82	19.84	19.69		
20	16QAM	1	99	19.82	19.73	19.74		
20	16QAM	50	0	19.77	19.89	19.76	20.6	0
20	16QAM	50	24	19.73	19.85	19.72		
20	16QAM	50	50	19.78	19.94	19.96		
20	16QAM	100	0	19.72	19.84	19.75		
20	64QAM	1	0	19.67	19.95	19.67	20.6	0
20	64QAM	1	49	19.81	19.84	19.79		
20	64QAM	1	99	19.61	19.89	19.85		
20	64QAM	50	0	19.86	20.04	19.95	20.5	0.1
20	64QAM	50	24	19.83	19.90	19.89		
20	64QAM	50	50	19.82	19.86	19.83		
20	64QAM	100	0	19.85	19.88	19.79		
20	256QAM	1	0	17.91	18.08	17.94	19.5	1.1
20	256QAM	1	49	17.82	18.08	17.92		
20	256QAM	1	99	17.86	17.85	17.87		
20	256QAM	50	0	17.94	18.06	17.97	19.5	1.1
20	256QAM	50	24	17.90	17.95	17.90		
20	256QAM	50	50	17.77	17.87	17.81		
20	256QAM	100	0	17.91	18.03	17.94		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	19.83	20.05	19.94	20.6	0
15	QPSK	1	37	19.78	19.94	19.76		
15	QPSK	1	74	19.74	19.80	19.82		
15	QPSK	36	0	19.79	19.95	19.74	20.6	0
15	QPSK	36	20	19.70	19.71	19.68		
15	QPSK	36	39	19.84	19.80	19.73		
15	QPSK	75	0	19.65	19.88	19.57		
15	16QAM	1	0	19.91	19.74	19.74	20.6	0
15	16QAM	1	37	19.75	19.69	19.60		
15	16QAM	1	74	19.73	19.63	19.68		
15	16QAM	36	0	19.70	19.75	19.66	20.6	0
15	16QAM	36	20	19.60	19.71	19.63		
15	16QAM	36	39	19.73	19.90	19.83		
15	16QAM	75	0	19.64	19.70	19.67		
15	64QAM	1	0	19.58	19.86	19.52	20.6	0
15	64QAM	1	37	19.74	19.73	19.67		
15	64QAM	1	74	19.58	19.84	19.80		
15	64QAM	36	0	19.77	20.01	19.81	20.5	0.1
15	64QAM	36	20	19.73	19.86	19.85		
15	64QAM	36	39	19.71	19.72	19.79		
15	64QAM	75	0	19.75	19.85	19.69		
15	256QAM	1	0	17.78	17.97	17.88	19.5	1.1
15	256QAM	1	37	17.70	18.04	17.89		
15	256QAM	1	74	17.73	17.82	17.72		
15	256QAM	36	0	17.83	18.00	17.92	19.5	1.1
15	256QAM	36	20	17.86	17.89	17.82		
15	256QAM	36	39	17.64	17.77	17.71		
15	256QAM	75	0	17.79	17.99	17.87		
Channel				37600	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	19.83	20.00	19.97	20.6	0
10	QPSK	1	25	19.87	19.91	19.78		
10	QPSK	1	49	19.72	19.83	19.86		
10	QPSK	25	0	19.87	19.92	19.74	20.6	0
10	QPSK	25	12	19.71	19.70	19.74		
10	QPSK	25	25	19.81	19.77	19.69		
10	QPSK	50	0	19.55	19.87	19.60		
10	16QAM	1	0	19.88	19.63	19.63	20.6	0
10	16QAM	1	25	19.70	19.80	19.63		
10	16QAM	1	49	19.78	19.59	19.68		
10	16QAM	25	0	19.72	19.82	19.67	20.6	0
10	16QAM	25	12	19.70	19.70	19.68		
10	16QAM	25	25	19.73	19.83	19.89		
10	16QAM	50	0	19.63	19.74	19.67		
10	64QAM	1	0	19.57	19.91	19.53	20.6	0
10	64QAM	1	25	19.71	19.80	19.71		
10	64QAM	1	49	19.57	19.86	19.79		
10	64QAM	25	0	19.81	20.00	19.81	20.5	0.1
10	64QAM	25	12	19.71	19.85	19.78		
10	64QAM	25	25	19.74	19.71	19.75		
10	64QAM	50	0	19.80	19.83	19.72		
10	256QAM	1	0	17.81	18.03	17.84	19.5	1.1
10	256QAM	1	25	17.73	17.97	17.88		
10	256QAM	1	49	17.71	17.70	17.74		
10	256QAM	25	0	17.84	17.93	17.84	19.5	1.1
10	256QAM	25	12	17.80	17.91	17.85		
10	256QAM	25	25	17.69	17.82	17.69		
10	256QAM	50	0	17.85	17.98	17.84		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	19.83	20.01	19.95	20.6	0
5	QPSK	1	12	19.83	19.91	19.83		
5	QPSK	1	24	19.76	19.86	19.88		
5	QPSK	12	0	19.77	19.95	19.68	20.6	0
5	QPSK	12	7	19.79	19.80	19.68		
5	QPSK	12	13	19.82	19.80	19.77		
5	QPSK	25	0	19.58	19.82	19.67		
5	16QAM	1	0	19.84	19.66	19.70	20.6	0
5	16QAM	1	12	19.69	19.73	19.59		
5	16QAM	1	24	19.70	19.61	19.66		
5	16QAM	12	0	19.69	19.81	19.62	20.6	0
5	16QAM	12	7	19.63	19.81	19.62		
5	16QAM	12	13	19.72	19.80	19.85		
5	16QAM	25	0	19.59	19.76	19.66		
5	64QAM	1	0	19.64	19.85	19.61	20.6	0
5	64QAM	1	12	19.77	19.69	19.70		
5	64QAM	1	24	19.46	19.83	19.74		
5	64QAM	12	0	19.78	19.89	19.81	20.5	0.1
5	64QAM	12	7	19.75	19.78	19.75		
5	64QAM	12	13	19.72	19.78	19.71		
5	64QAM	25	0	19.80	19.78	19.66		
5	256QAM	1	0	17.83	18.01	17.86	19.5	1.1
5	256QAM	1	12	17.74	18.03	17.82		
5	256QAM	1	24	17.74	17.70	17.78		
5	256QAM	12	0	17.86	17.93	17.85	19.5	1.1
5	256QAM	12	7	17.79	17.86	17.86		
5	256QAM	12	13	17.70	17.81	17.70		
5	256QAM	25	0	17.87	17.89	17.89		

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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	19.53	19.56	19.69	19.56	19.48	20.6	0
20	QPSK	1	49	19.37	19.52	19.52	19.24	19.43		
20	QPSK	1	99	19.28	19.32	19.40	19.23	19.21		
20	QPSK	50	0	19.40	19.53	19.64	19.49	19.34	20.6	0
20	QPSK	50	24	19.32	19.45	19.49	19.21	19.41		
20	QPSK	50	50	19.21	19.26	19.31	19.14	19.18		
20	QPSK	100	0	19.29	19.43	19.59	19.35	19.32		
20	16QAM	1	0	19.17	19.31	19.44	19.03	19.29	20.6	0
20	16QAM	1	49	19.06	19.16	19.21	19.09	19.14		
20	16QAM	1	99	19.17	19.17	19.30	19.12	19.06		
20	16QAM	50	0	19.27	19.45	19.52	19.45	19.33	20.6	0
20	16QAM	50	24	19.18	19.28	19.38	19.04	19.26		
20	16QAM	50	50	19.10	19.21	19.25	19.08	19.06		
20	16QAM	100	0	19.10	19.23	19.25	19.09	19.03		
20	64QAM	1	0	19.41	19.51	19.56	19.52	19.39	20.6	0
20	64QAM	1	49	19.30	19.50	19.47	19.14	19.37		
20	64QAM	1	99	19.25	19.21	19.29	19.11	19.08		
20	64QAM	50	0	19.36	19.45	19.53	19.44	19.31	20.6	0
20	64QAM	50	24	19.21	19.30	19.43	19.08	19.19		
20	64QAM	50	50	19.13	19.13	19.19	19.10	19.08		
20	64QAM	100	0	19.10	19.15	19.24	19.09	19.06		
20	256QAM	1	0	18.24	18.20	18.37	18.24	18.23	19.5	1.1
20	256QAM	1	49	18.27	18.18	18.37	18.16	18.24		
20	256QAM	1	99	18.10	18.08	18.23	18.15	18.16		
20	256QAM	50	0	18.19	18.14	18.34	18.19	18.19	19.5	1.1
20	256QAM	50	24	18.19	18.14	18.24	18.10	18.14		
20	256QAM	50	50	18.12	18.05	18.20	18.09	18.10		
20	256QAM	100	0	18.14	18.16	18.28	18.10	18.17		
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	19.45	19.46	19.59	19.46	19.37	20.60	0
15	QPSK	1	37	19.32	19.45	19.41	19.21	19.39		
15	QPSK	1	74	19.19	19.24	19.26	19.10	19.10		
15	QPSK	36	0	19.34	19.43	19.57	19.43	19.30	20.6	0
15	QPSK	36	20	19.22	19.40	19.36	19.17	19.30		
15	QPSK	36	39	19.14	19.17	19.27	19.22	19.08		
15	QPSK	75	0	19.18	19.34	19.53	19.27	19.23		
15	16QAM	1	0	19.10	19.24	19.36	18.94	19.25	20.6	0
15	16QAM	1	37	19.00	19.05	19.12	19.01	19.08		
15	16QAM	1	74	19.05	19.05	19.26	19.00	18.99		
15	16QAM	36	0	19.14	19.40	19.40	19.36	19.21	20.6	0
15	16QAM	36	20	19.09	19.25	19.35	18.95	19.19		
15	16QAM	36	39	19.04	19.13	19.19	18.95	19.01		
15	16QAM	75	0	19.06	19.13	19.11	19.05	18.98		
15	64QAM	1	0	19.37	19.47	19.51	19.38	19.33	20.6	0
15	64QAM	1	37	19.18	19.45	19.41	19.03	19.25		
15	64QAM	1	74	19.19	19.09	19.25	19.03	19.04		
15	64QAM	36	0	19.16	19.14	19.42	19.17	19.23	20.6	0
15	64QAM	36	20	19.10	19.07	19.29	19.18	19.19		
15	64QAM	36	39	19.08	19.19	19.17	19.02	19.11		
15	64QAM	75	0	19.49	19.55	19.58	19.62	19.50		
15	256QAM	1	0	18.15	18.14	18.29	18.13	18.19	19.5	1.1
15	256QAM	1	37	18.20	18.10	18.33	18.02	18.12		
15	256QAM	1	74	18.04	18.02	18.12	18.11	18.08		
15	256QAM	36	0	18.07	18.07	18.21	18.13	18.15	19.5	1.1
15	256QAM	36	20	18.12	18.03	18.16	17.98	18.05		
15	256QAM	36	39	18.08	17.93	18.11	18.02	18.01		
15	256QAM	75	0	18.10	18.11	18.16	18.03	18.06		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	19.32	19.43	19.56	19.32	19.31	20.60	0
10	QPSK	1	25	19.28	19.32	19.35	19.14	19.36		
10	QPSK	1	49	19.10	19.17	19.19	19.07	19.08		
10	QPSK	25	0	19.21	19.32	19.54	19.31	19.24	20.6	0
10	QPSK	25	12	19.18	19.28	19.33	19.26	19.17		
10	QPSK	25	25	19.23	19.08	19.20	19.10	19.18		
10	QPSK	50	0	19.11	19.24	19.42	19.15	19.21		
10	16QAM	1	0	19.04	19.20	19.34	18.89	19.23	20.6	0
10	16QAM	1	25	18.87	18.95	18.99	18.95	19.02		
10	16QAM	1	49	19.03	18.98	19.16	18.87	18.91		
10	16QAM	25	0	19.04	19.34	19.29	19.28	19.15	20.6	0
10	16QAM	25	12	19.05	19.13	19.29	18.88	19.09		
10	16QAM	25	25	18.90	19.07	19.14	18.88	18.91		
10	16QAM	50	0	18.95	19.01	19.00	18.94	18.86		
10	64QAM	1	0	19.32	19.40	19.38	19.32	19.24	20.6	0
10	64QAM	1	25	19.08	19.39	19.29	19.00	19.16		
10	64QAM	1	49	19.06	19.00	19.15	19.01	18.93		
10	64QAM	25	0	19.15	19.23	19.39	19.19	19.18	20.6	0
10	64QAM	25	12	19.07	19.10	19.24	19.19	19.13		
10	64QAM	25	25	19.09	19.15	19.17	19.00	19.09		
10	64QAM	50	0	19.50	19.51	19.68	19.62	19.56		
10	256QAM	1	0	18.15	18.06	18.33	18.21	18.20	19.5	1.1
10	256QAM	1	25	18.16	18.08	18.29	18.07	18.12		
10	256QAM	1	49	18.05	17.99	18.18	18.12	18.02		
10	256QAM	25	0	18.14	18.09	18.20	18.09	18.10	19.5	1.1
10	256QAM	25	12	18.13	18.09	18.09	17.97	18.09		
10	256QAM	25	25	18.09	18.01	18.10	17.97	17.96		
10	256QAM	50	0	18.08	18.10	18.17	17.99	18.12		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	19.29	19.31	19.34	19.35	19.25	20.60	0
5	QPSK	1	12	19.22	19.21	19.21	19.07	19.20		
5	QPSK	1	24	19.01	19.08	19.10	18.89	18.91		
5	QPSK	12	0	19.15	19.29	19.28	19.32	19.13	20.6	0
5	QPSK	12	7	19.07	19.28	19.20	19.10	19.22		
5	QPSK	12	13	18.92	19.10	19.02	19.07	18.87		
5	QPSK	25	0	18.99	19.10	19.42	19.12	18.98		
5	16QAM	1	0	18.84	19.15	19.20	18.78	19.13	20.6	0
5	16QAM	1	12	18.84	18.98	18.98	18.88	18.98		
5	16QAM	1	24	18.96	18.82	19.03	18.86	18.79		
5	16QAM	12	0	18.96	19.21	19.15	19.18	19.04	20.6	0
5	16QAM	12	7	19.05	19.08	19.19	18.74	19.02		
5	16QAM	12	13	18.83	19.05	19.01	18.79	18.81		
5	16QAM	25	0	18.84	18.92	18.92	18.91	18.85		
5	64QAM	1	0	19.16	19.29	19.30	19.21	19.21	20.6	0
5	64QAM	1	12	18.96	19.27	19.26	18.86	19.11		
5	64QAM	1	24	19.02	18.88	19.17	18.87	18.83		
5	64QAM	12	0	19.24	19.15	19.31	19.25	19.25	20.6	0
5	64QAM	12	7	19.07	19.15	19.32	19.20	19.19		
5	64QAM	12	13	19.12	19.14	19.15	19.00	19.12		
5	64QAM	25	0	19.49	19.49	19.66	19.60	19.52		
5	256QAM	1	0	18.13	18.13	18.31	18.11	18.10	19.5	1.1
5	256QAM	1	12	18.24	18.07	18.25	18.02	18.21		
5	256QAM	1	24	17.98	18.00	18.19	18.00	18.01		
5	256QAM	12	0	18.07	18.04	18.20	18.08	18.12	19.5	1.1
5	256QAM	12	7	18.06	18.10	18.14	17.99	18.09		
5	256QAM	12	13	18.01	17.96	18.06	18.03	17.98		
5	256QAM	25	0	18.00	18.06	18.14	18.06	18.09		

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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	20.90	20.99	21.18	20.99	20.99	22.2	0
20	QPSK	1	49	20.86	21.06	20.94	21.02	21.01		
20	QPSK	1	99	20.86	20.88	20.97	20.91	20.84		
20	QPSK	50	0	20.95	20.98	21.07	20.88	20.84	22.2	0
20	QPSK	50	24	20.82	20.83	21.03	20.77	20.65		
20	QPSK	50	50	20.90	21.06	20.97	20.87	20.72		
20	QPSK	100	0	20.80	20.80	20.92	20.80	20.63		
20	16QAM	1	0	21.13	20.97	21.08	21.06	20.99	22.2	0
20	16QAM	1	49	21.00	20.94	21.04	20.87	20.82		
20	16QAM	1	99	21.01	21.11	20.89	21.01	20.91		
20	16QAM	50	0	21.07	20.95	21.14	21.07	20.86	22.2	0
20	16QAM	50	24	20.96	21.03	21.02	20.87	20.82		
20	16QAM	50	50	20.89	20.90	20.95	20.94	20.72		
20	16QAM	100	0	21.02	21.03	21.04	20.92	21.01		
20	64QAM	1	0	20.97	21.00	21.04	20.92	20.91	22.2	0
20	64QAM	1	49	20.80	20.90	20.94	20.93	20.76		
20	64QAM	1	99	20.89	20.88	20.93	20.79	20.70		
20	64QAM	50	0	20.72	20.72	20.93	20.73	20.60	22.2	0
20	64QAM	50	24	20.59	20.59	20.80	20.66	20.48		
20	64QAM	50	50	20.66	20.65	20.72	20.62	20.56		
20	64QAM	100	0	20.58	20.63	20.79	20.77	20.55		
20	256QAM	1	0	20.76	20.66	20.94	20.79	20.53	22	0.2
20	256QAM	1	49	20.89	20.71	20.91	20.80	20.58		
20	256QAM	1	99	20.58	20.65	20.70	20.62	20.63		
20	256QAM	50	0	20.63	20.56	20.79	20.67	20.49	22	0.2
20	256QAM	50	24	20.54	20.45	20.58	20.52	20.33		
20	256QAM	50	50	20.40	20.46	20.53	20.47	20.32		
20	256QAM	100	0	20.62	20.51	20.73	20.45	20.49		
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	20.83	20.88	21.02	20.68	20.69	22.20	0
15	QPSK	1	37	20.80	20.96	20.90	20.74	20.78		
15	QPSK	1	74	20.74	20.82	20.91	20.63	20.58		
15	QPSK	36	0	20.90	20.90	21.00	20.84	20.73	22.2	0
15	QPSK	36	20	20.78	20.76	20.91	20.74	20.51		
15	QPSK	36	39	20.77	20.92	20.89	20.84	20.61		
15	QPSK	75	0	20.70	20.72	20.89	20.77	20.56		
15	16QAM	1	0	21.01	20.84	21.02	20.93	20.86	22.2	0
15	16QAM	1	37	20.92	21.00	20.99	20.76	20.71		
15	16QAM	1	74	20.97	21.09	20.87	20.94	20.83		
15	16QAM	36	0	20.94	20.86	21.05	21.00	20.83	22.2	0
15	16QAM	36	20	20.88	20.98	20.97	20.75	20.75		
15	16QAM	36	39	20.76	20.76	20.82	20.86	20.60		
15	16QAM	75	0	20.97	20.99	21.04	20.79	20.89		
15	64QAM	1	0	20.94	20.91	20.92	20.86	20.87	22.2	0
15	64QAM	1	37	20.71	20.77	20.80	20.90	20.69		
15	64QAM	1	74	20.75	20.79	20.81	20.67	20.66		
15	64QAM	36	0	20.69	20.58	20.69	20.64	20.56	22.2	0
15	64QAM	36	20	20.52	20.55	20.71	20.54	20.36		
15	64QAM	36	39	20.62	20.57	20.68	20.48	20.43		
15	64QAM	75	0	20.50	20.58	20.73	20.65	20.49		
15	256QAM	1	0	20.74	20.55	20.80	20.66	20.44	22	0.2
15	256QAM	1	37	20.60	20.59	20.86	20.70	20.51		
15	256QAM	1	74	20.50	20.52	20.59	20.48	20.54		
15	256QAM	36	0	20.59	20.48	20.71	20.65	20.38	22	0.2
15	256QAM	36	20	20.45	20.36	20.48	20.49	20.28		
15	256QAM	36	39	20.32	20.43	20.39	20.37	20.30		
15	256QAM	75	0	20.51	20.43	20.63	20.41	20.45		
Channel				39700	40160	40620	41080	41540	Tune-up limit	MPR
Frequency (MHz)				2501	2547	2593	2639	2685	(dBm)	(dB)
10	QPSK	1	0	20.80	20.97	20.88	20.69	20.72	22.20	0
10	QPSK	1	25	20.78	21.01	20.83	20.74	20.75		
10	QPSK	1	49	20.83	20.76	20.85	20.63	20.54		
10	QPSK	25	0	20.88	20.89	20.93	20.76	20.78	22.2	0
10	QPSK	25	12	20.73	20.71	20.94	20.72	20.55		
10	QPSK	25	25	20.76	20.95	20.88	20.74	20.60		
10	QPSK	50	0	20.73	20.67	20.82	20.71	20.55		
10	16QAM	1	0	21.04	20.90	21.04	21.03	20.85	22.2	0
10	16QAM	1	25	20.98	21.12	21.01	20.80	20.76		
10	16QAM	1	49	20.97	21.04	21.08	20.92	20.78		
10	16QAM	25	0	21.00	20.84	21.03	20.98	20.82	22.2	0
10	16QAM	25	12	20.93	21.00	20.91	20.84	20.75		
10	16QAM	25	25	20.81	20.84	20.87	20.85	20.69		
10	16QAM	50	0	20.97	20.90	21.04	20.82	20.92		
10	64QAM	1	0	20.94	20.88	20.94	20.83	20.89	22.2	0
10	64QAM	1	25	20.77	20.84	20.88	20.89	20.72		
10	64QAM	1	49	20.83	20.81	20.87	20.68	20.58		
10	64QAM	25	0	20.63	20.69	20.90	20.66	20.48	22.2	0
10	64QAM	25	12	20.47	20.47	20.75	20.56	20.43		
10	64QAM	25	25	20.58	20.62	20.70	20.49	20.47		
10	64QAM	50	0	20.56	20.55	20.73	20.69	20.42		
10	256QAM	1	0	20.71	20.55	20.83	20.66	20.44	22	0.2
10	256QAM	1	25	20.79	20.65	20.82	20.69	20.52		
10	256QAM	1	49	20.45	20.56	20.64	20.51	20.53		
10	256QAM	25	0	20.57	20.45	20.66	20.53	20.37	22	0.2
10	256QAM	25	12	20.51	20.39	20.48	20.49	20.30		
10	256QAM	25	25	20.36	20.35	20.44	20.42	20.23		
10	256QAM	50	0	20.53	20.48	20.61	20.33	20.39		
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	20.85	20.95	20.85	20.75	20.72	22.20	0
5	QPSK	1	12	20.80	20.92	20.89	20.74	20.70		
5	QPSK	1	24	20.75	20.77	20.89	20.66	20.53		
5	QPSK	12	0	20.88	20.90	20.95	20.76	20.81	22.2	0
5	QPSK	12	7	20.75	20.73	20.98	20.69	20.55		
5	QPSK	12	13	20.88	21.02	20.86	20.78	20.62		
5	QPSK	25	0	20.75	20.66	20.89	20.76	20.51		
5	16QAM	1	0	21.07	20.86	21.05	20.93	20.88	22.2	0
5	16QAM	1	12	20.95	21.07	20.94	20.75	20.75		
5	16QAM	1	24	20.90	21.04	20.86	20.97	20.83		
5	16QAM	12	0	20.96	20.82	21.00	20.97	20.84	22.2	0
5	16QAM	12	7	20.93	20.91	20.89	20.77	20.71		
5	16QAM	12	13	20.83	20.86	20.92	20.91	20.66		
5	16QAM	25	0	20.99	20.90	21.10	20.81	20.88		
5	64QAM	1	0	20.86	20.90	20.94	20.90	20.83	22.2	0
5	64QAM	1	12	20.77	20.80	20.87	20.90	20.62		
5	64QAM	1	24	20.75	20.80	20.83	20.71	20.68		
5	64QAM	12	0	20.61	20.62	20.87	20.66	20.48	22.2	0
5	64QAM	12	7	20.56	20.48	20.72	20.63	20.39		
5	64QAM	12	13	20.64	20.58	20.65	20.52	20.50		
5	64QAM	25	0	20.47	20.54	20.66	20.69	20.50		
5	256QAM	1	0	20.74	20.64	20.82	20.76	20.45	22	0.2
5	256QAM	1	12	20.80	20.62	20.87	20.76	20.51		
5	256QAM	1	24	20.50	20.58	20.68	20.51	20.59		
5	256QAM	12	0	20.57	20.44	20.67	20.59	20.39	22	0.2
5	256QAM	12	7	20.44	20.41	20.49	20.39	20.25		
5	256QAM	12	13	20.35	20.42	20.48	20.45	20.18		
5	256QAM	25	0	20.52	20.41	20.59	20.40	20.39		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3688	3699	3641	3690		
20	QPSK	1	0	21.28	21.44	21.37	21.32	23	0
20	QPSK	1	49	21.23	21.39	21.34	21.25		
20	QPSK	1	99	21.26	21.34	21.19	21.20		
20	QPSK	50	0	21.25	21.37	21.32	21.23		
20	QPSK	50	24	21.24	21.35	21.30	21.31		
20	QPSK	50	50	21.26	21.31	21.26	21.23		
20	QPSK	100	0	21.15	21.28	21.14	21.22		
20	16QAM	1	0	21.31	21.34	21.30	21.24	23	0
20	16QAM	1	49	21.23	21.30	21.20	21.23		
20	16QAM	1	99	21.16	21.29	21.15	21.20		
20	16QAM	50	0	21.16	21.26	21.18	21.15	22.5	0.5
20	16QAM	50	24	21.14	21.20	21.17	21.11		
20	16QAM	50	50	21.10	21.23	21.14	21.19		
20	16QAM	100	0	21.18	21.21	21.15	21.13		
20	64QAM	1	0	21.09	21.15	21.10	21.01	22.5	0.5
20	64QAM	1	49	20.99	21.07	20.96	21.04		
20	64QAM	1	99	21.08	21.13	20.99	21.09		
20	64QAM	50	0	19.96	20.09	20.04	19.98	21.5	1.5
20	64QAM	50	24	20.18	20.22	20.08	20.15		
20	64QAM	50	50	20.15	20.20	20.15	20.14		
20	64QAM	100	0	20.08	20.15	20.10	20.10		
20	256QAM	1	0	18.13	18.25	18.16	18.11	19	4
20	256QAM	1	49	18.14	18.23	18.11	18.13		
20	256QAM	1	99	18.16	18.20	18.16	18.10		
20	256QAM	50	0	18.01	18.15	18.04	18.02	19	4
20	256QAM	50	24	18.14	18.17	18.02	18.05		
20	256QAM	50	50	18.02	18.14	17.99	18.08		
20	256QAM	100	0	18.09	18.11	18.06	17.98		
Channel				55315	55820	56160	56665	Tune-up limit	MPR
Frequency (MHz)				3657.5	3698	3642	3692.5	(dBm)	(dB)
15	QPSK	1	0	21.15	21.40	21.29	21.27	23	0
15	QPSK	1	37	21.14	21.29	21.28	21.10		
15	QPSK	1	74	21.20	21.20	21.06	21.13		
15	QPSK	36	0	21.17	21.24	21.18	21.18	23	0
15	QPSK	36	20	21.09	21.22	21.25	21.23		
15	QPSK	36	39	21.13	21.26	21.19	21.13		
15	QPSK	75	0	21.06	21.18	21.11	21.14		
15	16QAM	1	0	21.18	21.22	21.22	21.14	23	0
15	16QAM	1	37	21.13	21.17	21.16	21.11		
15	16QAM	1	74	21.10	21.16	21.07	21.09		
15	16QAM	36	0	21.06	21.18	21.14	21.09	22.5	0.5
15	16QAM	36	20	21.04	21.07	21.03	20.99		
15	16QAM	36	39	21.05	21.19	21.10	21.15		
15	16QAM	75	0	21.10	21.10	21.11	21.02		
15	64QAM	1	0	20.95	21.04	21.04	20.93	22.5	0.5
15	64QAM	1	37	20.89	20.93	20.88	20.98		
15	64QAM	1	74	20.95	21.02	20.91	21.03		
15	64QAM	36	0	19.93	20.05	19.99	19.85	21.5	1.5
15	64QAM	36	20	20.06	20.07	20.04	20.07		
15	64QAM	36	39	20.04	20.15	20.11	20.05		
15	64QAM	75	0	20.00	20.08	19.97	20.04		
15	256QAM	1	0	18.04	18.17	18.07	18.00	19	4
15	256QAM	1	37	18.03	18.14	18.00	18.10		
15	256QAM	1	74	18.12	18.08	18.13	17.99		
15	256QAM	36	0	17.91	18.03	17.94	17.95	19	4
15	256QAM	36	20	18.10	18.07	17.90	17.95		
15	256QAM	36	39	17.99	18.04	17.94	18.04		
15	256QAM	75	0	18.02	18.02	17.94	17.92		
Channel				55290	55815	56165	56690	Tune-up limit	MPR
Frequency (MHz)				3655	3697.5	3642.5	3695	(dBm)	(dB)
10	QPSK	1	0	21.23	21.37	21.33	21.21	23	0
10	QPSK	1	25	21.13	21.35	21.28	21.11		
10	QPSK	1	49	21.12	21.22	21.10	21.13		
10	QPSK	25	0	21.19	21.32	21.18	21.12	23	0
10	QPSK	25	12	21.18	21.23	21.18	21.20		
10	QPSK	25	25	21.12	21.22	21.20	21.11		
10	QPSK	50	0	21.06	21.22	21.03	21.18		
10	16QAM	1	0	21.28	21.28	21.19	21.13	23	0
10	16QAM	1	25	21.10	21.25	21.13	21.16		
10	16QAM	1	49	21.02	21.20	21.09	21.10		
10	16QAM	25	0	21.12	21.21	21.04	21.10	22.5	0.5
10	16QAM	25	12	21.02	21.16	21.05	21.07		
10	16QAM	25	25	20.96	21.12	21.05	21.14		
10	16QAM	50	0	21.14	21.08	21.11	21.05		
10	64QAM	1	0	21.03	21.06	20.98	20.97	22.5	0.5
10	64QAM	1	25	20.96	21.04	20.84	21.01		
10	64QAM	1	49	21.03	20.98	20.92	20.98		
10	64QAM	25	0	19.92	19.95	19.91	19.94	21.5	1.5
10	64QAM	25	12	20.11	20.10	19.93	20.03		
10	64QAM	25	25	20.07	20.11	20.08	20.03		
10	64QAM	50	0	19.94	20.02	20.05	20.06		
10	256QAM	1	0	18.03	18.15	18.12	18.07	19	4
10	256QAM	1	25	18.10	18.14	18.07	18.00		
10	256QAM	1	49	18.03	18.12	18.12	17.98		
10	256QAM	25	0	17.95	18.10	17.90	17.94	19	4
10	256QAM	25	12	18.02	18.06	17.99	17.91		
10	256QAM	25	25	17.94	18.08	17.90	18.00		
10	256QAM	50	0	18.03	18.07	17.98	17.92		
Channel				55265	55810	56170	56715	Tune-up limit	MPR
Frequency (MHz)				3652.5	3697	3643	3697.5	(dBm)	(dB)
5	QPSK	1	0	21.15	21.31	21.28	21.19	23	0
5	QPSK	1	12	21.14	21.35	21.28	21.19		
5	QPSK	1	24	21.11	21.31	21.15	21.10		
5	QPSK	12	0	21.15	21.29	21.19	21.10	23	0
5	QPSK	12	7	21.20	21.25	21.22	21.19		
5	QPSK	12	13	21.14	21.19	21.18	21.11		
5	QPSK	25	0	21.11	21.19	21.09	21.16		
5	16QAM	1	0	21.23	21.27	21.18	21.11	23	0
5	16QAM	1	12	21.16	21.18	21.08	21.19		
5	16QAM	1	24	21.10	21.16	21.02	21.11		
5	16QAM	12	0	21.05	21.15	21.05	21.12	22.5	0.5
5	16QAM	12	7	21.09	21.11	21.10	21.06		
5	16QAM	12	13	21.01	21.15	21.03	21.08		
5	16QAM	25	0	21.08	21.07	21.03	21.07		
5	64QAM	1	0	21.03	21.07	20.95	20.93	22.5	0.5
5	64QAM	1	12	20.91	20.99	20.87	20.90		
5	64QAM	1	24	21.04	20.99	20.85	20.97		
5	64QAM	12	0	19.83	19.97	19.97	19.85	21.5	1.5
5	64QAM	12	7	20.15	20.17	19.99	20.06		
5	64QAM	12	13	20.11	20.14	20.03	20.00		
5	64QAM	25	0	20.04	20.11	20.03	19.99		
5	256QAM	1	0	18.01	18.16	18.13	18.04	19	4
5	256QAM	1	12	18.10	18.17	18.00	18.00		
5	256QAM	1	24	18.04	18.10	18.02	18.06		
5	256QAM	12	0	17.93	18.01	17.99	17.97	19	4
5	256QAM	12	7	18.06	18.03	17.90	17.95		
5	256QAM	12	13	17.94	18.05	17.92	17.95		
5	256QAM	25	0	18.00	18.06	18.01	17.84		

	GSM850_Ant1	Default							
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		31.42	31.48	31.36	32.50	22.42	22.48	22.36	23.50
GPRS 1 Tx slot		31.39	31.45	31.33	32.50	22.39	22.45	22.33	23.50
GPRS 2 Tx slots		28.27	28.39	28.32	29.50	22.27	22.39	22.32	23.50
GPRS 3 Tx slots		26.80	26.91	26.80	28.00	22.54	22.65	22.54	23.74
GPRS 4 Tx slots		25.16	25.22	25.17	26.00	22.16	22.22	22.17	23.00
EDGE 1 Tx slot		24.03	24.17	24.05	25.00	15.03	15.17	15.05	16.00
EDGE 2 Tx slots		22.29	22.41	22.34	23.50	16.29	16.41	16.34	17.50
EDGE 3 Tx slots		21.15	21.23	21.08	22.00	16.89	16.97	16.82	17.74
EDGE 4 Tx slots		18.99	19.08	18.93	20.00	15.99	16.08	15.93	17.00

	GSM1900_Ant1	Default							
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		27.66	27.74	27.63	28.50	18.66	18.74	18.63	19.50
GPRS 1 Tx slot		27.52	27.67	27.57	28.50	18.52	18.67	18.57	19.50
GPRS 2 Tx slots		25.06	25.09	24.98	26.00	19.06	19.09	18.98	20.00
GPRS 3 Tx slots		23.36	23.42	23.32	24.50	19.10	19.16	19.06	20.24
GPRS 4 Tx slots		20.62	20.74	20.63	21.50	17.62	17.74	17.63	18.50
EDGE 1 Tx slot		22.78	22.86	22.72	23.50	13.78	13.86	13.72	14.50
EDGE 2 Tx slots		21.13	21.22	21.13	22.00	15.13	15.22	15.13	16.00
EDGE 3 Tx slots		19.86	19.96	19.86	21.00	15.60	15.70	15.60	16.74
EDGE 4 Tx slots		17.91	18.05	17.97	19.00	14.91	15.05	14.97	16.00

		Default WCDMA II Ant1				Default WCDMA IV Ant1				Default WCDMA V Ant1			
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	21.45	21.53	21.44	22.50	21.42	21.44	21.31	22.40	21.14	21.17	21.04	23.00
3GPP Rel 99	RMC 12.2Kbps	21.48	21.57	21.51	22.50	21.45	21.49	21.37	22.40	21.17	21.23	21.09	23.00
3GPP Rel 6	HSDPA Subtest-1	20.55	20.64	20.47	21.50	20.46	20.57	20.32	21.40	20.23	20.23	20.02	22.00
3GPP Rel 6	HSDPA Subtest-2	20.48	20.57	20.52	21.50	20.42	20.50	20.41	21.40	20.12	20.22	20.17	22.00
3GPP Rel 6	HSDPA Subtest-3	20.02	20.14	20.10	21.00	19.91	20.02	19.95	20.90	19.57	19.70	19.69	21.50
3GPP Rel 6	HSDPA Subtest-4	19.95	20.18	20.08	21.00	19.87	20.11	19.94	20.90	19.56	19.79	19.61	21.50
3GPP Rel 8	DC-HSDPA Subtest-1	20.50	20.70	20.45	21.50	20.46	20.63	20.35	21.40	20.21	20.32	20.01	22.00
3GPP Rel 8	DC-HSDPA Subtest-2	20.37	20.42	20.36	21.50	20.33	20.29	20.28	21.40	20.08	20.06	19.94	22.00
3GPP Rel 8	DC-HSDPA Subtest-3	19.99	19.96	19.92	21.00	19.94	19.84	19.88	20.90	19.69	19.58	19.65	21.50
3GPP Rel 8	DC-HSDPA Subtest-4	19.87	19.94	19.99	21.00	19.82	19.80	19.93	20.90	19.49	19.47	19.64	21.50
3GPP Rel 6	HSUPA Subtest-1	20.56	20.61	20.66	21.50	20.43	20.56	20.56	21.40	20.15	20.22	20.28	22.00
3GPP Rel 6	HSUPA Subtest-2	18.53	18.67	18.52	19.50	18.42	18.53	18.39	19.40	18.09	18.19	18.13	20.00
3GPP Rel 6	HSUPA Subtest-3	19.53	19.62	19.58	20.50	19.43	19.53	19.47	20.40	19.19	19.20	19.15	21.00
3GPP Rel 6	HSUPA Subtest-4	18.45	18.48	18.44	19.50	18.37	18.45	18.35	19.40	18.04	18.14	18.03	20.00
3GPP Rel 6	HSUPA Subtest-5	20.59	20.49	20.39	21.50	20.55	20.36	20.33	21.40	20.21	20.03	20.08	22.00

Band 2 Default Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	20.90	21.09	20.98	22	0
20	QPSK	1	49	20.75	21.04	20.88		
20	QPSK	1	99	20.80	20.99	20.76		
20	QPSK	50	0	20.99	21.04	20.89		
20	QPSK	50	24	20.87	20.99	20.90	22	0
20	QPSK	50	50	20.88	20.92	20.80		
20	QPSK	100	0	20.90	20.96	20.87		
20	16QAM	1	0	20.80	20.93	20.79		
20	16QAM	1	49	20.77	20.83	20.83	22	0
20	16QAM	1	99	20.69	20.73	20.77		
20	16QAM	50	0	20.82	20.88	20.76		
20	16QAM	50	24	20.72	20.85	20.69	21.5	0.5
20	16QAM	50	50	20.72	20.79	20.66		
20	16QAM	100	0	20.76	20.85	20.77		
20	64QAM	1	0	20.71	20.80	20.71		
20	64QAM	1	49	20.67	20.76	20.72	21.5	0.5
20	64QAM	1	99	20.56	20.71	20.61		
20	64QAM	50	0	19.80	19.88	19.76		
20	64QAM	50	24	19.73	19.73	19.69	20.5	1.5
20	64QAM	50	50	19.71	19.72	19.69		
20	64QAM	100	0	19.86	19.83	19.80		
20	256QAM	1	0	17.86	17.99	17.89		
20	256QAM	1	49	17.87	17.99	17.89	18.5	3.5
20	256QAM	1	99	17.82	17.86	17.81		
20	256QAM	50	0	17.88	17.94	17.88		
20	256QAM	50	24	17.73	17.83	17.80	18.5	3.5
20	256QAM	50	50	17.75	17.81	17.69		
20	256QAM	100	0	17.81	17.87	17.74		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	20.86	21.02	20.89	22	0
15	QPSK	1	37	20.70	20.99	20.80		
15	QPSK	1	74	20.73	21.00	20.86		
15	QPSK	36	0	20.93	21.03	20.87		
15	QPSK	36	20	20.78	20.91	20.88	22	0
15	QPSK	36	39	20.90	20.83	20.73		
15	QPSK	75	0	20.82	20.95	20.77		
15	16QAM	1	0	20.75	20.91	20.81	22	0
15	16QAM	1	37	20.76	20.73	20.84		
15	16QAM	1	74	20.66	20.74	20.71		
15	16QAM	36	0	20.72	20.81	20.67		
15	16QAM	36	20	20.64	20.84	20.69	21.5	0.5
15	16QAM	36	39	20.66	20.80	20.57		
15	16QAM	75	0	20.73	20.83	20.75		
15	64QAM	1	0	20.70	20.72	20.67		
15	64QAM	1	37	20.66	20.76	20.74	21.5	0.5
15	64QAM	1	74	20.49	20.69	20.55		
15	64QAM	36	0	19.72	19.86	19.74		
15	64QAM	36	20	19.70	19.87	19.66	20.5	1.5
15	64QAM	36	39	19.71	19.63	19.61		
15	64QAM	75	0	19.86	19.82	19.78		
15	256QAM	1	0	17.80	17.90	17.88		
15	256QAM	1	37	17.84	17.89	17.86	18.5	3.5
15	256QAM	1	74	17.76	17.85	17.72		
15	256QAM	36	0	17.86	17.93	17.81		
15	256QAM	36	20	17.73	17.82	17.78	18.5	3.5
15	256QAM	36	39	17.66	17.74	17.65		
15	256QAM	75	0	17.73	17.89	17.68		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	20.89	21.05	20.91	22	0
10	QPSK	1	25	20.70	20.95	20.82		
10	QPSK	1	49	20.71	20.94	20.92		
10	QPSK	25	0	20.94	20.94	20.87		
10	QPSK	25	12	20.84	20.95	20.84	22	0
10	QPSK	25	25	20.84	20.93	20.76		
10	QPSK	50	0	20.80	20.86	20.82		
10	16QAM	1	0	20.79	20.95	20.74		
10	16QAM	1	25	20.78	20.74	20.85	22	0
10	16QAM	1	49	20.62	20.73	20.73		
10	16QAM	25	0	20.83	20.89	20.70		
10	16QAM	25	12	20.72	20.84	20.66	21.5	0.5
10	16QAM	25	25	20.68	20.80	20.64		
10	16QAM	50	0	20.73	20.87	20.77		
10	64QAM	1	0	20.64	20.75	20.71		
10	64QAM	1	25	20.64	20.76	20.64	21.5	0.5
10	64QAM	1	49	20.49	20.69	20.55		
10	64QAM	25	0	19.75	19.87	19.67		
10	64QAM	25	12	19.75	19.65	19.71	20.5	1.5
10	64QAM	25	25	19.67	19.67	19.67		
10	64QAM	50	0	19.79	19.77	19.82		
10	256QAM	1	0	17.81	17.92	17.86		
10	256QAM	1	25	17.81	17.92	17.85	18.5	3.5
10	256QAM	1	49	17.73	17.79	17.76		
10	256QAM	25	0	17.82	17.85	17.80		
10	256QAM	25	12	17.68	17.78	17.75	18.5	3.5
10	256QAM	25	25	17.75	17.78	17.70		
10	256QAM	50	0	17.82	17.78	17.68		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	20.81	21.06	20.88	22	0
5	QPSK	1	12	20.65	20.99	20.82		
5	QPSK	1	24	20.72	21.01	20.90		
5	QPSK	12	0	20.90	21.01	20.81		
5	QPSK	12	7	20.87	20.95	20.86	22	0
5	QPSK	12	13	20.86	20.84	20.73		
5	QPSK	25	0	20.87	20.94	20.79		
5	16QAM	1	0	20.78	20.90	20.76		
5	16QAM	1	12	20.73	20.74	20.73	22	0
5	16QAM	1	24	20.62	20.67	20.71		
5	16QAM	12	0	20.83	20.83	20.78		
5	16QAM	12	7	20.71	20.79	20.64	21.5	0.5
5	16QAM	12	13	20.71	20.76	20.62		
5	16QAM	25	0	20.73	20.78	20.74		
5	64QAM	1	0	20.65	20.77	20.62		
5	64QAM	1	12	20.69	20.66	20.73	21.5	0.5
5	64QAM	1	24	20.48	20.68	20.53		
5	64QAM	12	0	19.71	19.82	19.66		
5	64QAM	12	7	19.73	19.65	19.68	20.5	1.5
5	64QAM	12	13	19.73	19.72	19.60		
5	64QAM	25	0	19.80	19.78	19.79		
5	256QAM	1	0	17.76	17.97	17.81		
5	256QAM	1	12	17.79	17.96	17.85	18.5	3.5
5	256QAM	1	24	17.78	17.78	17.81		
5	256QAM	12	0	17.78	17.87	17.80		
5	256QAM	12	7	17.66	17.84	17.81	18.5	3.5
5	256QAM	12	13	17.73	17.76	17.59		
5	256QAM	25	0	17.78	17.84	17.73		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	20.91	21.00	20.91	22	0
3	QPSK	1	8	20.76	20.94	20.81		
3	QPSK	1	14	20.70	20.93	20.83		
3	QPSK	8	0	20.97	20.99	20.84		
3	QPSK	8	4	20.82	21.00	20.88	22	0
3	QPSK	8	7	20.90	20.87	20.76		
3	QPSK	15	0	20.84	20.86	20.86		
3	16QAM	1	0	20.82	20.94	20.71		
3	16QAM	1	8	20.72	20.75	20.77	22	0
3	16QAM	1	14	20.65	20.68	20.77		
3	16QAM	8	0	20.74	20.88	20.76		
3	16QAM	8	4	20.72	20.79	20.64	21.5	0.5
3	16QAM	8	7	20.66	20.81	20.60		
3	16QAM	15	0	20.78	20.80	20.70		
3	64QAM	1	0	20.71	20.74	20.63		
3	64QAM	1	8	20.61	20.74	20.65	21.5	0.5
3	64QAM	1	14	20.46	20.71	20.56		
3	64QAM	8	0	19.79	19.79	19.71		
3	64QAM	8	4	19.71	19.64	19.69	20.5	1.5
3	64QAM	8	7	19.61	19.63	19.67		
3	64QAM	15	0	19.79	19.73	19.77		
3	256QAM	1	0	17.84	17.94	17.88		
3	256QAM	1	8	17.88	17.94	17.87	18.5	3.5
3	256QAM	1	14	17.81	17.82	17.75		
3	256QAM	8	0	17.88	17.92	17.79		
3	256QAM	8	4	17.65	17.84	17.78	18.5	3.5
3	256QAM	8	7	17.70	17.81	17.71		
3	256QAM	15	0	17.80	17.78	17.75		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	20.81	21.07	20.93	22	0
1.4	QPSK	1	3	20.66	20.93	20.79		
1.4	QPSK	1	5	20.76	20.96	20.83		
1.4	QPSK	3	0	20.95	21.00	20.80		
1.4	QPSK	3	1	20.77	20.88	20.78		
1.4	QPSK	3	3	20.84	20.89	20.72		
1.4	QPSK	6	0	20.86	20.91	20.83	22	0
1.4	16QAM	1	0	20.73	20.81	20.76	22	0
1.4	16QAM	1	3	20.73	20.71	20.75		
1.4	16QAM	1	5	20.68	20.66	20.65		
1.4	16QAM	3	0	20.71	20.80	20.69		
1.4	16QAM	3	1	20.68	20.79	20.77		
1.4	16QAM	3	3	20.64	20.66	20.73		
1.4	16QAM	6	0	20.70	20.77	20.74	21.5	0.5
1.4	64QAM	1	0	20.60	20.76	20.64	21.5	0.5
1.4	64QAM	1	3	20.60	20.77	20.58		
1.4	64QAM	1	5	20.63	20.80	20.73		
1.4	64QAM	3	0	20.67	20.77	20.65		
1.4	64QAM	3	1	20.64	20.67	20.64		
1.4	64QAM	3	3	20.50	20.64	20.51		
1.4	64QAM	6	0	19.76	19.84	19.68	20.5	1.5
1.4	256QAM	1	0	17.76	17.92	17.76	18.5	3.5
1.4	256QAM	1	3	17.76	17.95	17.77		
1.4	256QAM	1	5	17.69	17.74	17.80		
1.4	256QAM	3	0	17.76	17.90	17.83		
1.4	256QAM	3	1	17.67	17.78	17.71		
1.4	256QAM	3	3	17.65	17.74	17.62		
1.4	256QAM	6	0	17.75	17.75	17.64	18.5	3.5

Band 4 Default Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	20.93	21.08	20.89	22	0
20	QPSK	1	49	20.80	20.94	20.80		
20	QPSK	1	99	20.77	20.91	20.76		
20	QPSK	50	0	20.75	20.91	20.83		
20	QPSK	50	24	20.72	20.81	20.79	22	0
20	QPSK	50	50	20.74	20.78	20.77		
20	QPSK	100	0	20.78	20.87	20.83		
20	16QAM	1	0	20.87	20.92	20.80		
20	16QAM	1	49	20.78	20.85	20.75	22	0
20	16QAM	1	99	20.67	20.83	20.68		
20	16QAM	50	0	20.74	20.80	20.66		
20	16QAM	50	24	20.68	20.74	20.66	21.5	0.5
20	16QAM	50	50	20.62	20.70	20.62		
20	16QAM	100	0	20.63	20.78	20.69		
20	64QAM	1	0	20.78	20.85	20.75		
20	64QAM	1	49	20.74	20.80	20.74	21.5	0.5
20	64QAM	1	99	20.59	20.70	20.72		
20	64QAM	50	0	19.74	19.90	19.79		
20	64QAM	50	24	19.70	19.83	19.71	20.5	1.5
20	64QAM	50	50	19.64	19.78	19.66		
20	64QAM	100	0	19.68	19.74	19.75		
20	256QAM	1	0	17.99	18.06	18.01		
20	256QAM	1	49	17.92	18.06	17.88	18.5	3.5
20	256QAM	1	99	17.89	17.94	17.86		
20	256QAM	50	0	17.65	17.82	17.71		
20	256QAM	50	24	17.66	17.77	17.71	18.5	3.5
20	256QAM	50	50	17.57	17.72	17.68		
20	256QAM	100	0	17.65	17.77	17.70		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	20.86	21.02	20.78	22	0
15	QPSK	1	37	20.70	20.99	20.76		
15	QPSK	1	74	20.66	20.86	20.73		
15	QPSK	36	0	20.63	20.85	20.74		
15	QPSK	36	20	20.62	20.76	20.67	22	0
15	QPSK	36	39	20.60	20.67	20.69		
15	QPSK	75	0	20.69	20.75	20.76		
15	16QAM	1	0	20.80	20.78	20.76		
15	16QAM	1	37	20.67	20.78	20.62	22	0
15	16QAM	1	74	20.62	20.73	20.58		
15	16QAM	36	0	20.67	20.75	20.56		
15	16QAM	36	20	20.58	20.69	20.63	21.5	0.5
15	16QAM	36	39	20.50	20.64	20.50		
15	16QAM	75	0	20.59	20.68	20.59		
15	64QAM	1	0	20.68	20.76	20.63		
15	64QAM	1	37	20.66	20.69	20.68	21.5	0.5
15	64QAM	1	74	20.48	20.62	20.64		
15	64QAM	36	0	19.70	19.76	19.74		
15	64QAM	36	20	19.63	19.70	19.56	20.5	1.5
15	64QAM	36	39	19.55	19.66	19.51		
15	64QAM	75	0	19.65	19.67	19.63		
15	256QAM	1	0	17.86	17.92	17.89		
15	256QAM	1	37	17.78	17.88	17.84	18.5	3.5
15	256QAM	1	74	17.78	17.81	17.73		
15	256QAM	36	0	17.57	17.74	17.59		
15	256QAM	36	20	17.62	17.65	17.65	18.5	3.5
15	256QAM	36	39	17.42	17.56	17.54		
15	256QAM	75	0	17.56	17.64	17.58		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	20.85	20.91	20.79	22	0
10	QPSK	1	25	20.75	20.84	20.74		
10	QPSK	1	49	20.66	20.77	20.68		
10	QPSK	25	0	20.66	20.83	20.73		
10	QPSK	25	12	20.64	20.69	20.72	22	0
10	QPSK	25	25	20.64	20.71	20.67		
10	QPSK	50	0	20.69	20.81	20.76		
10	16QAM	1	0	20.77	20.85	20.68		
10	16QAM	1	25	20.71	20.71	20.71	22	0
10	16QAM	1	49	20.59	20.73	20.56		
10	16QAM	25	0	20.62	20.67	20.57		
10	16QAM	25	12	20.59	20.60	20.52	21.5	0.5
10	16QAM	25	25	20.58	20.64	20.48		
10	16QAM	50	0	20.49	20.69	20.59		
10	64QAM	1	0	20.66	20.71	20.67		
10	64QAM	1	25	20.70	20.71	20.63	21.5	0.5
10	64QAM	1	49	20.55	20.62	20.61		
10	64QAM	25	0	19.83	19.76	19.72		
10	64QAM	25	12	19.58	19.69	19.64	20.5	1.5
10	64QAM	25	25	19.58	19.69	19.60		
10	64QAM	50	0	19.56	19.67	19.62		
10	256QAM	1	0	17.90	17.97	17.89		
10	256QAM	1	25	17.83	17.95	17.82	18.5	3.5
10	256QAM	1	49	17.83	17.82	17.75		
10	256QAM	25	0	17.54	17.70	17.60		
10	256QAM	25	12	17.52	17.63	17.61	18.5	3.5
10	256QAM	25	25	17.51	17.67	17.64		
10	256QAM	50	0	17.52	17.68	17.55		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	20.80	20.94	20.78	22	0
5	QPSK	1	12	20.73	20.90	20.68		
5	QPSK	1	24	20.68	20.87	20.70		
5	QPSK	12	0	20.70	20.84	20.69		
5	QPSK	12	7	20.65	20.76	20.67	22	0
5	QPSK	12	13	20.67	20.71	20.72		
5	QPSK	25	0	20.66	20.73	20.79		
5	16QAM	1	0	20.75	20.87	20.76		
5	16QAM	1	12	20.74	20.78	20.68	22	0
5	16QAM	1	24	20.57	20.75	20.63		
5	16QAM	12	0	20.67	20.66	20.60		
5	16QAM	12	7	20.59	20.68	20.55	21.5	0.5
5	16QAM	12	13	20.59	20.60	20.55		
5	16QAM	25	0	20.55	20.63	20.55		
5	64QAM	1	0	20.75	20.75	20.60		
5	64QAM	1	12	20.65	20.73	20.64	21.5	0.5
5	64QAM	1	24	20.51	20.68	20.53		
5	64QAM	12	0	19.67	19.79	19.66		
5	64QAM	12	7	19.55	19.71	19.57	20.5	1.5
5	64QAM	12	13	19.56	19.70	19.56		
5	64QAM	25	0	19.63	19.60	19.68		
5	256QAM	1	0	17.94	18.00	17.89		
5	256QAM	1	12	17.86	17.98	17.85	18.5	3.5
5	256QAM	1	24	17.78	17.91	17.74		
5	256QAM	12	0	17.61	17.83	17.63		
5	256QAM	12	7	17.55	17.70	17.65	18.5	3.5
5	256QAM	12	13	17.47	17.64	17.64		
5	256QAM	25	0	17.57	17.69	17.65		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
3	QPSK	1	0	20.79	21.04	20.79	22	0
3	QPSK	1	8	20.69	20.80	20.71		
3	QPSK	1	14	20.72	20.81	20.71		
3	QPSK	8	0	20.64	20.88	20.77		
3	QPSK	8	4	20.68	20.76	20.64	22	0
3	QPSK	8	7	20.61	20.64	20.71		
3	QPSK	15	0	20.73	20.73	20.69		
3	16QAM	1	0	20.73	20.81	20.70		
3	16QAM	1	8	20.64	20.72	20.66	22	0
3	16QAM	1	14	20.53	20.73	20.54		
3	16QAM	8	0	20.61	20.71	20.62		
3	16QAM	8	4	20.59	20.69	20.58	21.5	0.5
3	16QAM	8	7	20.47	20.63	20.48		
3	16QAM	15	0	20.52	20.72	20.61		
3	64QAM	1	0	20.76	20.70	20.64		
3	64QAM	1	8	20.64	20.76	20.62	21.5	0.5
3	64QAM	1	14	20.55	20.57	20.62		
3	64QAM	8	0	19.59	19.79	19.67		
3	64QAM	8	4	19.58	19.68	19.59	20.5	1.5
3	64QAM	8	7	19.59	19.71	19.57		
3	64QAM	15	0	19.55	19.61	19.71		
3	256QAM	1	0	17.88	18.00	17.86		
3	256QAM	1	8	17.89	18.02	17.78	18.5	3.5
3	256QAM	1	14	17.75	17.87	17.83		
3	256QAM	8	0	17.51	17.71	17.56		
3	256QAM	8	4	17.55	17.62	17.62	18.5	3.5
3	256QAM	8	7	17.48	17.60	17.57		
3	256QAM	15	0	17.55	17.71	17.62		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	20.80	20.99	20.81	22	0
1.4	QPSK	1	3	20.69	20.86	20.69		
1.4	QPSK	1	5	20.68	20.79	20.74		
1.4	QPSK	3	0	20.67	20.78	20.78		
1.4	QPSK	3	1	20.66	20.70	20.69		
1.4	QPSK	3	3	20.70	20.69	20.74		
1.4	QPSK	6	0	20.71	20.77	20.76	22	0
1.4	16QAM	1	0	20.78	20.79	20.72	22	0
1.4	16QAM	1	3	20.74	20.81	20.64		
1.4	16QAM	1	5	20.61	20.87	20.74		
1.4	16QAM	3	0	20.61	20.78	20.73		
1.4	16QAM	3	1	20.69	20.67	20.74		
1.4	16QAM	3	3	20.72	20.73	20.74		
1.4	16QAM	6	0	20.62	20.74	20.57	21.5	0.5
1.4	64QAM	1	0	20.55	20.60	20.58	21.5	0.5
1.4	64QAM	1	3	20.47	20.63	20.57		
1.4	64QAM	1	5	20.59	20.73	20.61		
1.4	64QAM	3	0	20.71	20.74	20.70		
1.4	64QAM	3	1	20.68	20.65	20.66		
1.4	64QAM	3	3	20.46	20.62	20.61		
1.4	64QAM	6	0	19.69	19.86	19.74	20.5	1.5
1.4	256QAM	1	0	17.87	17.95	17.96	18.5	3.5
1.4	256QAM	1	3	17.86	17.94	17.75		
1.4	256QAM	1	5	17.76	17.90	17.71		
1.4	256QAM	3	0	17.53	17.72	17.58		
1.4	256QAM	3	1	17.53	17.68	17.65		
1.4	256QAM	3	3	17.45	17.67	17.62		
1.4	256QAM	6	0	17.57	17.74	17.60	18.5	3.5

Band 5 Default Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	21.22	21.31	21.26	22	0
10	QPSK	1	25	21.16	21.28	21.20		
10	QPSK	1	49	21.08	21.15	21.12		
10	QPSK	25	0	21.13	21.25	21.19		
10	QPSK	25	12	21.12	21.16	21.11	22	0
10	QPSK	25	25	20.99	21.09	21.03		
10	QPSK	50	0	21.03	21.18	21.11		
10	16QAM	1	0	21.05	21.16	21.06		
10	16QAM	1	25	21.04

Band 12 Default Ant 1

Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel			23060	23095	23130		
Frequency (MHz)			704	707.5	711		
QPSK	1	0	21.61	21.73	21.68	23	0
QPSK	1	25	21.43	21.61	21.52		
QPSK	1	49	21.47	21.49	21.52		
QPSK	25	0	21.60	21.70	21.55	23	0
QPSK	25	12	21.55	21.63	21.53		
QPSK	25	25	21.46	21.48	21.46		
QPSK	50	0	21.51	21.57	21.45		
16QAM	1	0	21.55	21.63	21.51	23	0
16QAM	1	25	21.40	21.48	21.36		
16QAM	1	49	21.35	21.48	21.44		
16QAM	25	0	21.39	21.59	21.49	22.5	0.5
16QAM	25	12	21.34	21.46	21.40		
16QAM	25	25	21.38	21.39	21.41		
16QAM	50	0	21.33	21.54	21.40		
64QAM	1	0	21.34	21.50	21.36	22.5	0.5
64QAM	1	25	21.26	21.32	21.33		
64QAM	1	49	21.24	21.36	21.28		
64QAM	25	0	20.40	20.53	20.43	21.5	1.5
64QAM	25	12	20.37	20.43	20.31		
64QAM	25	25	20.28	20.34	20.33		
64QAM	50	0	20.25	20.37	20.31		
256QAM	1	0	18.44	18.62	18.48	19.5	3.5
256QAM	1	25	18.42	18.62	18.49		
256QAM	1	49	18.41	18.37	18.33		
256QAM	25	0	18.35	18.53	18.42	19.5	3.5
256QAM	25	12	18.26	18.37	18.36		
256QAM	25	25	18.24	18.32	18.32		
256QAM	50	0	18.33	18.45	18.30		
Channel			23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)			701.5	707.5	713.5		
QPSK	1	0	21.56	21.63	21.54	23	0
QPSK	1	12	21.37	21.55	21.43		
QPSK	1	24	21.33	21.44	21.40		
QPSK	12	0	21.51	21.58	21.44	23	0
QPSK	12	7	21.49	21.58	21.39		
QPSK	12	13	21.34	21.39	21.41		
QPSK	25	0	21.40	21.46	21.33		
16QAM	1	0	21.48	21.51	21.40	23	0
16QAM	1	12	21.30	21.37	21.23		
16QAM	1	24	21.22	21.37	21.31		
16QAM	12	0	21.31	21.46	21.41	22.5	0.5
16QAM	12	7	21.23	21.39	21.27		
16QAM	12	13	21.27	21.32	21.38		
16QAM	25	0	21.26	21.43	21.34		
64QAM	1	0	21.20	21.36	21.22	22.5	0.5
64QAM	1	12	21.12	21.17	21.27		
64QAM	1	24	21.13	21.26	21.20		
64QAM	12	0	20.31	20.41	20.30	21.5	1.5
64QAM	12	7	20.33	20.34	20.19		
64QAM	12	13	20.17	20.20	20.18		
64QAM	25	0	20.15	20.22	20.24		
256QAM	1	0	18.36	18.53	18.35	19.5	3.5
256QAM	1	12	18.31	18.50	18.45		
256QAM	1	24	18.28	18.31	18.25		
256QAM	12	0	18.30	18.45	18.31	19.5	3.5
256QAM	12	7	18.17	18.24	18.23		
256QAM	12	13	18.20	18.23	18.28		
256QAM	25	0	18.30	18.42	18.17		
Channel			23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)			700.5	707.5	714.5		
QPSK	1	0	21.46	21.66	21.63	23	0
QPSK	1	8	21.32	21.54	21.37		
QPSK	1	14	21.42	21.43	21.38		
QPSK	8	0	21.55	21.59	21.43	23	0
QPSK	8	4	21.48	21.52	21.39		
QPSK	8	7	21.32	21.40	21.38		
QPSK	15	0	21.37	21.53	21.37		
16QAM	1	0	21.47	21.57	21.37	23	0
16QAM	1	8	21.30	21.41	21.33		
16QAM	1	14	21.22	21.42	21.30		
16QAM	8	0	21.26	21.49	21.41	22.5	0.5
16QAM	8	4	21.21	21.38	21.30		
16QAM	8	7	21.28	21.32	21.27		
16QAM	15	0	21.22	21.47	21.36		
64QAM	1	0	21.20	21.40	21.29	22.5	0.5
64QAM	1	8	21.12	21.29	21.19		
64QAM	1	14	21.12	21.23	21.18		
64QAM	8	0	20.37	20.43	20.39	21.5	1.5
64QAM	8	4	20.23	20.28	20.25		
64QAM	8	7	20.16	20.19	20.27		
64QAM	15	0	20.19	20.25	20.22		
256QAM	1	0	18.30	18.47	18.36	19.5	3.5
256QAM	1	8	18.27	18.49	18.43		
256QAM	1	14	18.28	18.33	18.28		
256QAM	8	0	18.28	18.40	18.31	19.5	3.5
256QAM	8	4	18.18	18.26	18.30		
256QAM	8	7	18.20	18.19	18.29		
256QAM	15	0	18.23	18.36	18.17		
Channel			23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)			699.7	707.5	715.3		
QPSK	1	0	21.46	21.69	21.55	23	0
QPSK	1	3	21.35	21.50	21.49		
QPSK	1	5	21.40	21.44	21.45		
QPSK	3	0	21.57	21.57	21.40		
QPSK	3	1	21.48	21.59	21.39		
QPSK	3	3	21.35	21.33	21.35		
QPSK	6	0	21.39	21.50	21.30	23	0
16QAM	1	0	21.50	21.56	21.39	23	0
16QAM	1	3	21.34	21.40	21.33		
16QAM	1	5	21.26	21.42	21.40		
16QAM	3	0	21.28	21.46	21.39		
16QAM	3	1	21.26	21.44	21.28		
16QAM	3	3	21.23	21.37	21.35		
16QAM	6	0	21.21	21.48	21.34	22.5	0.5
64QAM	1	0	21.28	21.41	21.27	22.5	0.5
64QAM	1	3	21.13	21.21	21.19		
64QAM	1	5	21.19	21.28	21.18		
64QAM	3	0	21.23	21.36	21.32		
64QAM	3	1	21.23	21.23	21.20		
64QAM	3	3	21.10	21.22	21.17		
64QAM	6	0	20.35	20.41	20.29	21.5	1.5
256QAM	1	0	18.37	18.49	18.44	19.5	3.5
256QAM	1	3	18.33	18.55	18.44		
256QAM	1	5	18.29	18.28	18.24		
256QAM	3	0	18.27	18.39	18.30		
256QAM	3	1	18.14	18.30	18.24		
256QAM	3	3	18.15	18.24	18.22		
256QAM	6	0	18.27	18.30	18.19	19.5	3.5

Band 13 Default Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		21.67		23	0
10	QPSK	1	25		21.48			
10	QPSK	1	49		21.50			
10	QPSK	25	0		21.63		23	0
10	QPSK	25	12		21.50			
10	QPSK	25	25		21.39			
10	QPSK	50	0		21.56			
10	16QAM	1	0		21.50		23	0
10	16QAM	1	25		21.45			
10	16QAM	1	49		21.45			
10	16QAM	25	0		21.47		22.5	0.5
10	16QAM	25	12		21.42			
10	16QAM	25	25		21.40			
10	16QAM	50	0		21.36			
10	64QAM	1	0		21.19		22.5	0.5
10	64QAM	1	25		21.04			
10	64QAM	1	49		21.02			
10	64QAM	25	0		20.21		21.5	1.5
10	64QAM	25	12		20.12			
10	64QAM	25	25		20.14			
10	64QAM	50	0		19.82			
10	256QAM	1	0		18.18		19.5	3.5
10	256QAM	1	25		18.12			
10	256QAM	1	49		17.99			
10	256QAM	25	0		18.14		19.5	3.5
10	256QAM	25	12		17.97			
10	256QAM	25	25		18.01			
10	256QAM	50	0		18.12			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	21.53	21.62	21.58	23	0
5	QPSK	1	12	21.42	21.44	21.34		
5	QPSK	1	24	21.42	21.38	21.46		
5	QPSK	12	0	21.54	21.57	21.49	23	0
5	QPSK	12	7	21.46	21.45	21.36		
5	QPSK	12	13	21.32	21.32	21.35		
5	QPSK	25	0	21.45	21.46	21.45		
5	16QAM	1	0	21.47	21.37	21.38	23	0
5	16QAM	1	12	21.32	21.31	21.30		
5	16QAM	1	24	21.36	21.37	21.42		
5	16QAM	12	0	21.33	21.33	21.42	22.5	0.5
5	16QAM	12	7	21.35	21.36	21.38		
5	16QAM	12	13	21.28	21.27	21.28		
5	16QAM	25	0	21.26	21.32	21.32		
5	64QAM	1	0	21.08	21.14	21.14	22.5	0.5
5	64QAM	1	12	20.96	20.94	20.97		
5	64QAM	1	24	20.94	20.91	20.95		
5	64QAM	12	0	20.14	20.13	20.18	21.5	1.5
5	64QAM	12	7	20.06	20.06	20.05		
5	64QAM	12	13	20.04	20.01	20.07		
5	64QAM	25	0	19.77	19.71	19.77		
5	256QAM	1	0	18.11	18.15	18.08	19.5	3.5
5	256QAM	1	12	18.07	18.07	18.01		
5	256QAM	1	24	17.94	17.94	17.85		
5	256QAM	12	0	18.08	18.10	18.10	19.5	3.5
5	256QAM	12	7	17.83	17.93	17.85		
5	256QAM	12	13	17.97	17.92	17.96		
5	256QAM	25	0	18.04	18.07	17.97		

Band 14 Default Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23330			
Frequency (MHz)					793			
10	QPSK	1	0		21.72		23	0
10	QPSK	1	25		21.53			
10	QPSK	1	49		21.54			
10	QPSK	25	0		21.68		23	0
10	QPSK	25	12		21.52			
10	QPSK	25	25		21.49			
10	QPSK	50	0		21.60			
10	16QAM	1	0		21.57		23	0
10	16QAM	1	25		21.39			
10	16QAM	1	49		21.37			
10	16QAM	25	0		21.52		22.5	0.5
10	16QAM	25	12		21.43			
10	16QAM	25	25		21.37			
10	16QAM	50	0		21.46			
10	64QAM	1	0		21.13		22.5	0.5
10	64QAM	1	25		21.05			
10	64QAM	1	49		20.93			
10	64QAM	25	0		20.16		21.5	1.5
10	64QAM	25	12		19.96			
10	64QAM	25	25		19.99			
10	64QAM	50	0		20.08			
10	256QAM	1	0		18.43		19.5	3.5
10	256QAM	1	25		18.43			
10	256QAM	1	49		18.29			
10	256QAM	25	0		18.42		19.5	3.5
10	256QAM	25	12		18.23			
10	256QAM	25	25		18.24			
10	256QAM	50	0		18.45			
Channel				23305	23330	23355	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	0	21.56	21.60	21.43	23	0
5	QPSK	1	12	21.52	21.57	21.25		
5	QPSK	1	24	21.48	21.48	21.25		
5	QPSK	12	0	21.45	21.59	21.37	23	0
5	QPSK	12	7	21.32	21.42	21.35		
5	QPSK	12	13	21.35	21.40	21.35		
5	QPSK	25	0	21.38	21.57	21.38		
5	16QAM	1	0	21.29	21.46	21.40	23	0
5	16QAM	1	12	21.32	21.35	21.31		
5	16QAM	1	24	21.26	21.23	21.25		
5	16QAM	12	0	21.36	21.46	21.29	22.5	0.5
5	16QAM	12	7	21.24	21.34	21.27		
5	16QAM	12	13	21.16	21.23	21.14		
5	16QAM	25	0	21.19	21.38	21.30		
5	64QAM	1	0	20.92	21.01	20.91	22.5	0.5
5	64QAM	1	12	20.80	20.81	20.91		
5	64QAM	1	24	20.75	20.92	20.85		
5	64QAM	12	0	19.90	20.10	19.88	21.5	1.5
5	64QAM	12	7	19.81	19.89	19.82		
5	64QAM	12	13	19.87	19.97	19.88		
5	64QAM	25	0	19.98	20.01	19.98		
5	256QAM	1	0	18.12	18.39	18.17	19.5	3.5
5	256QAM	1	12	18.14	18.40	18.06		
5	256QAM	1	24	18.11	18.13	18.18		
5	256QAM	12	0	18.11	18.33	18.11	19.5	3.5
5	256QAM	12	7	18.11	18.15	18.03		
5	256QAM	12	13	18.05	18.20	18.09		
5	256QAM	25	0	18.24	18.35	18.15		

Band 17 Default Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23789	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	21.61	21.66	21.56	23	0
10	QPSK	1	25	21.42	21.49	21.38		
10	QPSK	1	49	21.46	21.48	21.42		
10	QPSK	25	0	21.32	21.58	21.41	23	0
10	QPSK	25	12	21.33	21.35	21.27		
10	QPSK	25	25	21.32	21.31	21.29		
10	QPSK	50	0	21.48	21.52	21.47		
10	16QAM	1	0	21.31	21.51	21.40	23	0
10	16QAM	1	25	21.25	21.35	21.34		
10	16QAM	1	49	21.24	21.37	21.33		
10	16QAM	25	0	21.24	21.41	21.32	22.5	0.5
10	16QAM	25	12	21.17	21.23	21.10		
10	16QAM	25	25	21.20	21.27	21.18		
10	16QAM	50	0	21.22	21.36	21.30		
10	64QAM	1	0	21.12	21.34	21.27	22.5	0.5
10	64QAM	1	25	21.08	21.22	21.10		
10	64QAM	1	49	21.03	21.20	21.09		
10	64QAM	25	0	20.28	20.39	20.23	21.5	1.5
10	64QAM	25	12	20.15	20.25	20.16		
10	64QAM	25	25	20.19	20.23	20.14		
10	64QAM	50	0	20.28	20.27	20.21		
10	256QAM	1	0	18.28	18.41	18.31	19.5	3.5
10	256QAM	1	25	18.19	18.41	18.27		
10	256QAM	1	49	18.13	18.19	18.21		
10	256QAM	25	0	18.08	18.26	18.10	19.5	3.5
10	256QAM	25	12	18.10	18.08	18.09		
10	256QAM	25	25	18.05	18.08	17.97		
10	256QAM	50	0	18.21	18.34	18.26		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	21.47	21.58	21.41	23	0
5	QPSK	1	12	21.38	21.37	21.31		
5	QPSK	1	24	21.42	21.43	21.33		
5	QPSK	12	0	21.23	21.47	21.27	23	0
5	QPSK	12	7	21.24	21.23	21.14		
5	QPSK	12	13	21.22	21.23	21.26		
5	QPSK	25	0	21.41	21.46	21.39		
5	16QAM	1	0	21.18	21.39	21.27	23	0
5	16QAM	1	12	21.13	21.28	21.26		
5	16QAM	1	24	21.21	21.22	21.22		
5	16QAM	12	0	21.21	21.30	21.23	22.5	0.5
5	16QAM	12	7	21.10	21.13	21.03		
5	16QAM	12	13	21.11	21.23	21.13		
5	16QAM	25	0	21.16	21.25	21.21		
5	64QAM	1	0	21.05	21.29	21.21	22.5	0.5
5	64QAM	1	12	21.02	21.18	20.95		
5	64QAM	1	24	20.96	21.16	21.03		
5	64QAM	12	0	20.19	20.35	20.19	21.5	1.5
5	64QAM	12	7	20.05	20.19	20.04		
5	64QAM	12	13	20.06	20.12	20.05		
5	64QAM	25	0	20.19	20.22	20.11		
5	256QAM	1	0	18.22	18.31	18.24	19.5	3.5
5	256QAM	1	12	18.06	18.34	18.14		
5	256QAM	1	24	18.00	18.10	18.07		
5	256QAM	12	0	18.02	18.12	18.07	19.5	3.5
5	256QAM	12	7	18.03	18.02	18.00		
5	256QAM	12	13	17.99	18.01	17.82		
5	256QAM	25	0	18.11	18.24	18.12		

Band 25 Default Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26690		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	21.00	21.11	21.06	22	0
20	QPSK	1	49	20.84	20.97	20.93		
20	QPSK	50	99	20.83	20.92	20.87		
20	QPSK	50	0	20.92	21.06	20.96	22	0
20	QPSK	50	24	20.84	20.89	20.85		
20	QPSK	50	50	20.76	20.87	20.80		
20	QPSK	100	0	20.89	21.02	20.94		
20	16QAM	1	0	20.87	21.06	20.93		
20	16QAM	1	49	20.83	20.89	20.89	22	0
20	16QAM	1	99	20.78	20.85	20.80		
20	16QAM	50	0	20.84	21.00	20.84		
20	16QAM	50	24	20.77	20.90	20.81	22	0
20	16QAM	50	50	20.74	20.79	20.75		
20	16QAM	100	0	20.82	20.94	20.76		
20	64QAM	1	0	20.88	21.09	20.97		
20	64QAM	1	49	20.92	20.97	20.89	22	0
20	64QAM	1	99	20.88	20.89	20.80		
20	64QAM	50	0	20.89	21.01	20.89		
20	64QAM	50	24	20.81	20.89	20.84	22	0
20	64QAM	50	50	20.70	20.78	20.74		
20	64QAM	100	0	20.86	20.95	20.92		
20	256QAM	1	0	17.90	18.07	17.89		
20	256QAM	1	49	17.92	18.07	17.88	19	3
20	256QAM	1	99	17.77	17.84	17.77		
20	256QAM	50	0	17.86	17.99	17.88		
20	256QAM	50	24	17.80	17.85	17.84	19	3
20	256QAM	50	50	17.71	17.82	17.76		
20	256QAM	100	0	17.92	18.08	17.89		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	20.89	21.07	20.96		
15	QPSK	1	37	20.75	20.91	20.79	22	0
15	QPSK	1	74	20.75	20.84	20.75		
15	QPSK	36	0	20.83	20.94	20.91		
15	QPSK	36	20	20.80	20.77	20.77	22	0
15	QPSK	36	39	20.62	20.75	20.74		
15	QPSK	75	0	20.82	20.98	20.88		
15	16QAM	1	0	20.80	20.98	20.88		
15	16QAM	1	37	20.77	20.83	20.79	22	0
15	16QAM	1	74	20.66	20.77	20.66		
15	16QAM	36	0	20.71	20.96	20.71		
15	16QAM	36	20	20.71	20.86	20.74	22	0
15	16QAM	36	39	20.69	20.74	20.64		
15	16QAM	75	0	20.78	20.81	20.61		
15	64QAM	1	0	20.83	21.06	20.86		
15	64QAM	1	37	20.89	20.85	20.77	22	0
15	64QAM	1	74	20.74	20.85	20.70		
15	64QAM	36	0	20.76	20.96	20.75		
15	64QAM	36	20	20.76	20.80	20.70	22	0
15	64QAM	36	39	20.62	20.63	20.60		
15	64QAM	75	0	20.77	20.81	20.88		
15	256QAM	1	0	17.80	18.02	17.78		
15	256QAM	1	37	17.88	18.03	17.78	19	3
15	256QAM	1	74	17.63	17.71	17.73		
15	256QAM	36	0	17.80	17.91	17.85		
15	256QAM	36	20	17.69	17.78	17.77	19	3
15	256QAM	36	39	17.66	17.78	17.67		
15	256QAM	75	0	17.79	17.97	17.80		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	20.86	21.02	21.02	22	0
10	QPSK	1	25	20.78	20.93	20.89		
10	QPSK	1	49	20.78	20.80	20.73		
10	QPSK	25	0	20.81	21.02	20.85		
10	QPSK	25	12	20.77	20.77	20.76	22	0
10	QPSK	25	25	20.63	20.78	20.73		
10	QPSK	50	0	20.79	20.89	20.80		
10	16QAM	1	0	20.80	20.97	20.82		
10	16QAM	1	25	20.74	20.76	20.79	22	0
10	16QAM	1	49	20.75	20.71	20.75		
10	16QAM	25	0	20.77	20.91	20.75		
10	16QAM	25	12	20.68	20.85	20.74	22	0
10	16QAM	25	25	20.67	20.64	20.62		
10	16QAM	50	0	20.76	20.81	20.65		
10	64QAM	1	0	20.80	21.00	20.93		
10	64QAM	1	25	20.77	20.85	20.77	22	0
10	64QAM	1	49	20.84	20.80	20.68		
10	64QAM	25	0	20.79	20.88	20.74		
10	64QAM	25	12	20.68	20.86	20.77	22	0
10	64QAM	25	25	20.65	20.66	20.62		
10	64QAM	50	0	20.71	20.91	20.81		
10	256QAM	1	0	17.87	18.03	17.77		
10	256QAM	1	25	17.88	17.99	17.74	19	3
10	256QAM	1	49	17.71	17.75	17.62		
10	256QAM	25	0	17.80	17.85	17.82		
10	256QAM	25	12	17.74	17.71	17.77	19	3
10	256QAM	25	25	17.64	17.74	17.74		
10	256QAM	50	0	17.82	17.96	17.79		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	20.94	21.00	21.01		
5	QPSK	1	12	20.80	20.84	20.89	22	0
5	QPSK	1	24	20.69	20.81	20.80		
5	QPSK	12	0	20.78	20.96	20.82		
5	QPSK	12	7	20.73	20.83	20.74	22	0
5	QPSK	12	13	20.64	20.80	20.74		
5	QPSK	25	0	20.81	20.92	20.90		
5	16QAM	1	0	20.73	20.92	20.82		
5	16QAM	1	12	20.73	20.81	20.75	22	0
5	16QAM	1	24	20.68	20.71	20.76		
5	16QAM	12	0	20.77	20.90	20.69		
5	16QAM	12	7	20.72	20.78	20.72	22	0
5	16QAM	12	13	20.64	20.74	20.67		
5	16QAM	25	0	20.69	20.84	20.63		
5	64QAM	1	0	20.85	21.04	20.91		
5	64QAM	1	12	20.85	20.88	20.81	22	0
5	64QAM	1	24	20.77	20.79	20.69		
5	64QAM	12	0	20.75	20.92	20.84		
5	64QAM	12	7	20.77	20.74	20.70	22	0
5	64QAM	12	13	20.59	20.68	20.63		
5	64QAM	25	0	20.74	20.84	20.86		
5	256QAM	1	0	17.77	18.03	17.77		
5	256QAM	1	12	17.81	18.02	17.74	19	3
5	256QAM	1	24	17.73	17.70	17.69		
5	256QAM	12	0	17.76	17.87	17.75		
5	256QAM	12	7	17.70	17.71	17.74	19	3
5	256QAM	12	13	17.62	17.70	17.74		
5	256QAM	25	0	17.83	18.04	17.83		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	20.96	20.99	20.98		
3	QPSK	1	8	20.75	20.93	20.87	22	0
3	QPSK	1	14	20.71	20.87	20.79		
3	QPSK	8	0	20.81	21.02	20.91		
3	QPSK	8	4	20.73	20.83	20.70	22	0
3	QPSK	8	7	20.69	20.79	20.71		
3	QPSK	15	0	20.81	20.94	20.83		
3	16QAM	1	0	20.81	20.99	20.86		
3	16QAM	1	8	20.78	20.94	20.85	22	0
3	16QAM	1	14	20.65	20.79	20.72		
3	16QAM	8	0	20.76	20.86	20.79		
3	16QAM	8	4	20.67	20.84	20.72	22	0
3	16QAM	8	7	20.60	20.69	20.61		
3	16QAM	15	0	20.74	20.88	20.63		
3	64QAM	1	0	20.84	21.00	20.87		
3	64QAM	1	8	20.86	20.93	20.76	22	0
3	64QAM	1	14	20.81	20.75	20.69		
3	64QAM	8	0	20.75	20.88	20.79		
3	64QAM	8	4	20.71	20.78	20.73	22	0
3	64QAM	8	7	20.64	20.63	20.67		
3	64QAM	15	0	20.81	20.88	20.77		
3	256QAM	1	0	17.85	17.96	17.85		
3	256QAM	1	8	17.81	17.96	17.83	19	3
3	256QAM	1	14	17.71	17.69	17.63		
3	256QAM	8	0	17.78	17.93	17.83		
3	256QAM	8	4	17.74	17.73	17.76	19	3
3	256QAM	8	7	17.65	17.73	17.65		
3	256QAM	15	0	17.82	17.93	17.83		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	20.91	21.00	21.02		
1.4	QPSK	1	3	20.80	20.85	20.80		
1.4	QPSK	1	5	20.69	20.88	20.73	22	0
1.4	QPSK	3	0	20.86	20.93	20.88		
1.4	QPSK	3	1	20.70	20.76	20.71		
1.4	QPSK	3	3	20.69	20.78	20.72		
1.4	QPSK	6	0	20.78	20.92	20.90	22	0
1.4	16QAM	1	0	20.78	21.01	20.87		
1.4	16QAM	1	3	20.71	20.81	20.84		
1.4	16QAM	1	5	20.75	20.71	20.69	22	0
1.4	16QAM	3	0	20.80	20.92	20.72		
1.4	16QAM	3	1	20.65	20.84	20.71		
1.4	16QAM	3	3	20.60	20.65	20.70		
1.4	16QAM	6	0	20.73	20.87	20.65	22	0
1.4	64QAM	1	0	20.74	20.94	20.84		
1.4	64QAM	1	3	20.82	20.91	20.75		
1.4	64QAM	1	5	20.73	20.82	20.74	22	0
1.4	64QAM	3	0	20.77	20.91	20.75		
1.4	64QAM	3	1	20.70	20.81	20.72		
1.4	64QAM	3	3	20.55	20.72	20.63		
1.4	64QAM	6	0	20.78	20.84	20.84	22	0
1.4	256QAM	1	0	17.82	18.01	17.74		
1.4	256QAM	1	3	17.83	17.95	17.75		
1.4	256QAM	1	5	17.64	17.72	17.68	19	3
1.4	256QAM	3	0	17.77	17.85	17.81		
1.4	256QAM	3	1	17.70	17.70	17.74		
1.4	256QAM	3	3	17.65	17.70	17.66		
1.4	256QAM	6	0	17.84	18.03	17.82	19	3

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	21.32	21.38	21.29	22	0
15	QPSK	1	37	21.17	21.27	21.14		
15	QPSK	1	74	21.14	21.20	21.10		
15	QPSK	36	0	21.18	21.33	21.14	22	0
15	QPSK	36	20	21.17	21.18	21.12		
15	QPSK	36	39	21.02	21.18	21.06		
15	QPSK	75	0	21.17	21.29	21.11		
15	16QAM	1	0	21.11	21.23	21.11		
15	16QAM	1	37	21.02	21.11	21.04	22	0
15	16QAM	1	74	20.97	21.08	21.05		
15	16QAM	36	0	21.05	21.17	21.05		
15	16QAM	36	20	20.97	21.06	20.97	22	0
15	16QAM	36	39	20.95	20.94	20.89		
15	16QAM	75	0	21.04	21.15	20.99		
15	64QAM	1	0	21.09	21.29	21.14		
15	64QAM	1	37	21.07	21.12	21.05	22	0
15	64QAM	1	74	21.09	21.05	21.10		
15	64QAM	36	0	20.05	20.15	20.06		
15	64QAM	36	20	19.97	20.03	20.01	21	1
15	64QAM	36	39	19.94	19.94	19.90		
15	64QAM	75	0	20.09	20.15	20.06		
15	256QAM	1	0	18.31	18.43	18.26		
15	256QAM	1	37	18.28	18.43	18.29	19	3
15	256QAM	1	74	18.21	18.26	18.14		
15	256QAM	36	0	18.00	18.17	18.08		
15	256QAM	36	20	18.02	18.08	17.98	19	3
15	256QAM	36	39	17.90	18.02	17.97		
15	256QAM	75	0	18.07	18.23	18.06		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	21.20	21.26	21.26	22	0
10	QPSK	1	25	21.13	21.15	21.01		
10	QPSK	1	49	21.10	21.14	21.04		
10	QPSK	25	0	21.05	21.19	21.00		
10	QPSK	25	12	21.06	21.12	21.02	22	0
10	QPSK	25	25	20.96	21.09	20.94		
10	QPSK	50	0	21.11	21.20	20.97		
10	16QAM	1	0	21.03	21.13	20.97		
10	16QAM	1	25	20.91	21.07	20.92	22	0
10	16QAM	1	49	20.85	20.97	21.01		
10	16QAM	25	0	20.92	21.08	20.98		
10	16QAM	25	12	20.93	20.91	20.94	22	0
10	16QAM	25	25	20.82	20.80	20.80		
10	16QAM	50	0	20.91	21.08	20.87		
10	64QAM	1	0	20.97	21.15	21.04		
10	64QAM	1	25	20.93	21.01	21.02	22	0
10	64QAM	1	49	21.01	20.95	20.98		
10	64QAM	25	0	19.93	20.07	19.93		
10	64QAM	25	12	19.93	19.97	19.93	21	1
10	64QAM	25	25	19.83	19.86	19.87		
10	64QAM	50	0	19.94	20.09	19.97		
10	256QAM	1	0	18.19	18.29	18.11		
10	256QAM	1	25	18.18	18.38	18.11	19	3
10	256QAM	1	49	18.13	18.22	18.05		
10	256QAM	25	0	17.91	18.05	17.96		
10	256QAM	25	12	17.93	18.05	17.88	19	3
10	256QAM	25	25	17.87	17.96	17.93		
10	256QAM	50	0	17.96	18.15	17.97		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	21.19	21.34	21.20	22	0
5	QPSK	1	12	21.11	21.12	21.05		
5	QPSK	1	24	21.09	21.09	20.96		
5	QPSK	12	0	21.06	21.29	21.04		
5	QPSK	12	7	21.07	21.09	21.08	22	0
5	QPSK	12	13	20.96	21.05	20.98		
5	QPSK	25	0	21.12	21.18	21.06		
5	16QAM	1	0	20.99	21.17	21.04		
5	16QAM	1	12	20.97	21.05	20.96	22	0
5	16QAM	1	24	20.85	21.05	21.01		
5	16QAM	12	0	20.95	21.03	20.93		
5	16QAM	12	7	20.87	20.97	20.92	22	0
5	16QAM	12	13	20.87	20.79	20.77		
5	16QAM	25	0	20.93	21.08	20.95		
5	64QAM	1	0	21.04	21.23	21.09		
5	64QAM	1	12	20.96	21.02	20.92	22	0
5	64QAM	1	24	21.03	20.94	20.99		
5	64QAM	12	0	19.95	20.05	19.93		
5	64QAM	12	7	19.93	19.97	19.90	21	1
5	64QAM	12	13	19.84	19.81	19.80		
5	64QAM	25	0	20.02	20.07	20.03		
5	256QAM	1	0	18.19	18.37	18.13		
5	256QAM	1	12	18.13	18.38	18.11	19	3
5	256QAM	1	24	18.10	18.21	18.07		
5	256QAM	12	0	17.92	18.07	18.01		
5	256QAM	12	7	17.99	18.03	17.91	19	3
5	256QAM	12	13	17.83	17.90	17.88		
5	256QAM	25	0	17.99	18.11	18.01		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	21.23	21.32	21.17		
3	QPSK	1	8	21.07	21.20	21.08	22	0
3	QPSK	1	14	21.09	21.15	20.96		
3	QPSK	8	0	21.14	21.22	21.00		
3	QPSK	8	4	21.05	21.14	21.04	22	0
3	QPSK	8	7	20.94	21.05	20.92		
3	QPSK	15	0	21.04	21.16	21.02		
3	16QAM	1	0	20.96	21.15	21.03		
3	16QAM	1	8	20.93	21.03	21.00	22	0
3	16QAM	1	14	20.84	21.01	20.90		
3	16QAM	8	0	20.94	21.04	20.98		
3	16QAM	8	4	20.90	20.92	20.85	22	0
3	16QAM	8	7	20.90	20.89	20.79		
3	16QAM	15	0	20.92	21.11	20.95		
3	64QAM	1	0	21.00	21.15	21.10		
3	64QAM	1	8	20.93	21.01	20.98	22	0
3	64QAM	1	14	21.02	20.97	21.07		
3	64QAM	8	0	20.02	20.01	19.92		
3	64QAM	8	4	19.88	19.97	19.94	21	1
3	64QAM	8	7	19.87	19.87	19.84		
3	64QAM	15	0	19.97	20.10	19.94		
3	256QAM	1	0	18.27	18.36	18.22		
3	256QAM	1	8	18.22	18.37	18.06	19	3
3	256QAM	1	14	18.17	18.19	18.02		
3	256QAM	8	0	17.86	18.05	18.03		
3	256QAM	8	4	17.98	17.95	17.90	19	3
3	256QAM	8	7	17.76	17.96	17.88		
3	256QAM	15	0	17.98	18.14	17.92		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	21.20	21.28	21.17		
1.4	QPSK	1	3	21.11	21.21	21.01		
1.4	QPSK	1	5	21.04	21.14	21.02	22	0
1.4	QPSK	3	0	21.05	21.26	21.04		
1.4	QPSK	3	1	21.09	21.08	21.04		
1.4	QPSK	3	3	20.99	21.14	21.03		
1.4	QPSK	6	0	21.09	21.16	21.06	22	0
1.4	16QAM	1	0	21.06	21.18	20.97		
1.4	16QAM	1	3	20.91	21.04	20.94		
1.4	16QAM	1	5	20.93	21.03	20.91	22	0
1.4	16QAM	3	0	20.96	21.11	20.95		
1.4	16QAM	3	1	20.89	20.95	20.85		
1.4	16QAM	3	3	20.88	20.87	20.74		
1.4	16QAM	6	0	20.94	21.00	20.89	22	0
1.4	64QAM	1	0	21.04	21.24	21.04		
1.4	64QAM	1	3	20.97	21.04	21.01		
1.4	64QAM	1	5	20.99	20.97	20.99	22	0
1.4	64QAM	3	0	20.97	21.25	21.03		
1.4	64QAM	3	1	20.93	20.97	20.96		
1.4	64QAM	3	3	21.01	21.01	21.00		
1.4	64QAM	6	0	19.95	20.02	19.96	21	1
1.4	256QAM	1	0	18.20	18.36	18.15		
1.4	256QAM	1	3	18.14	18.33	18.16		
1.4	256QAM	1	5	18.14	18.23	18.02	19	3
1.4	256QAM	3	0	17.87	18.07	18.03		
1.4	256QAM	3	1	17.92	18.02	17.85		
1.4	256QAM	3	3	17.81	17.88	17.93		
1.4	256QAM	6	0	18.01	18.17	18.02	19	3

Band 30 DSI3_Simultaneous Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		19.98		21.3	0
10	QPSK	1	25		19.93			
10	QPSK	1	49		19.90			
10	QPSK	25	0		19.94			
10	QPSK	25	12		19.82		21.3	0
10	QPSK	25	25		19.85			
10	QPSK	50	0		19.88			
10	16QAM	1	0		19.87			
10	16QAM	1	25		19.72		21.3	0
10	16QAM	1	49		19.78			
10	16QAM	25	0		19.84			
10	16QAM	25	12		19.93		21.3	0
10	16QAM	25	25		19.83			
10	16QAM	50	0		19.82			
10	64QAM	1	0		19.82			
10	64QAM	1	25		19.81		21.3	0
10	64QAM	1	49		19.80			
10	64QAM	25	0		19.88			
10	64QAM	25	12		19.86		21	0.3
10	64QAM	25	25		19.76			
10	64QAM	50	0		19.82			
10	256QAM	1	0		18.80			
10	256QAM	1	25		18.80		20	1.3
10	256QAM	1	49		18.59			
10	256QAM	25	0		18.70			
10	256QAM	25	12		18.50		20	1.3
10	256QAM	25	25		18.45			
10	256QAM	50	0		18.69			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	19.97	19.95	19.83		
5	QPSK	1	12	19.90	19.91	19.78	21.3	0
5	QPSK	1	24	19.86	19.82	19.84		
5	QPSK	12	0	19.75	19.87	19.82		
5	QPSK	12	7	19.74	19.81	19.83	21.3	0
5	QPSK	12	13	19.68	19.85	19.79		
5	QPSK	25	0	19.78	19.85	19.74		
5	16QAM	1	0	19.81	19.83	19.71		
5	16QAM	1	12	19.67	19.82	19.65	21.3	0
5	16QAM	1	24	19.80	19.87	19.77		
5	16QAM	12	0	19.76	19.79	19.91		
5	16QAM	12	7	19.76	19.89	19.82	21.3	0
5	16QAM	12	13	19.81	19.76	19.79		
5	16QAM	25	0	19.62	19.85	19.70		
5	64QAM	1	0	19.64	19.79	19.70		
5	64QAM	1	12	19.82	19.77	19.77	21.3	0
5	64QAM	1	24	19.66	19.76	19.69		
5	64QAM	12	0	19.87	19.90	19.71		
5	64QAM	12	7	19.71	19.78	19.66	21	0.3
5	64QAM	12	13	19.73	19.81	19.72		
5	64QAM	25	0	19.66	19.84

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	21.03	21.12	20.97		
20	QPSK	1	49	20.91	21.03	20.86	22	0
20	QPSK	25	99	20.86	20.90	20.79		
20	QPSK	50	0	20.87	21.07	20.96		
20	QPSK	50	24	20.80	20.88	20.84	22	0
20	QPSK	50	50	20.80	20.87	20.88		
20	QPSK	100	0	20.84	20.95	20.82		
20	16QAM	1	0	20.90	20.92	20.87		
20	16QAM	1	49	20.74	20.86	20.80	22	0
20	16QAM	1	99	20.78	20.82	20.73		
20	16QAM	50	0	20.71	20.87	20.79		
20	16QAM	50	24	20.64	20.68	20.65	22	0
20	16QAM	50	50	20.63	20.69	20.59		
20	16QAM	100	0	20.83	20.94	20.82		
20	64QAM	1	0	20.81	20.92	20.74		
20	64QAM	1	49	20.75	20.80	20.77	22	0
20	64QAM	1	99	20.65	20.69	20.68		
20	64QAM	50	0	20.61	20.79	20.69		
20	64QAM	50	24	20.59	20.70	20.54	22	0
20	64QAM	50	50	20.56	20.60	20.49		
20	64QAM	100	0	20.74	20.83	20.82		
20	256QAM	1	0	17.89	18.10	18.00		
20	256QAM	1	49	17.93	18.10	17.95	19	3
20	256QAM	1	99	17.79	17.90	17.85		
20	256QAM	50	0	17.60	17.75	17.63		
20	256QAM	50	24	17.60	17.58	17.52	19	3
20	256QAM	50	50	17.47	17.58	17.47		
20	256QAM	100	0	17.78	17.92	17.80		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	20.92	21.07	20.92		
15	QPSK	1	37	20.78	20.96	20.79	22	0
15	QPSK	1	74	20.77	20.75	20.71		
15	QPSK	36	0	20.78	21.01	20.83		
15	QPSK	36	20	20.75	20.78	20.76	22	0
15	QPSK	36	39	20.67	20.83	20.79		
15	QPSK	75	0	20.74	20.92	20.77		
15	16QAM	1	0	20.81	20.83	20.75		
15	16QAM	1	37	20.63	20.83	20.77	22	0
15	16QAM	1	74	20.66	20.68	20.65		
15	16QAM	36	0	20.59	20.74	20.64		
15	16QAM	36	20	20.54	20.54	20.51	22	0
15	16QAM	36	39	20.59	20.64	20.51		
15	16QAM	75	0	20.75	20.88	20.70		
15	64QAM	1	0	20.71	20.80	20.69		
15	64QAM	1	37	20.61	20.68	20.66	22	0
15	64QAM	1	74	20.54	20.58	20.55		
15	64QAM	36	0	20.56	20.70	20.62		
15	64QAM	36	20	20.53	20.62	20.40	22	0
15	64QAM	36	39	20.48	20.52	20.38		
15	64QAM	75	0	20.67	20.69	20.68		
15	256QAM	1	0	17.76	17.98	17.91		
15	256QAM	1	37	17.78	18.02	17.83	19	3
15	256QAM	1	74	17.65	17.85	17.81		
15	256QAM	36	0	17.46	17.70	17.50		
15	256QAM	36	20	17.47	17.53	17.41	19	3
15	256QAM	36	39	17.37	17.50	17.33		
15	256QAM	75	0	17.64	17.81	17.74		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	20.94	21.01	20.86		
10	QPSK	1	25	20.83	20.89	20.71	22	0
10	QPSK	1	49	20.82	20.78	20.72		
10	QPSK	25	0	20.76	20.97	20.88		
10	QPSK	25	12	20.68	20.78	20.79	22	0
10	QPSK	25	25	20.76	20.81	20.74		
10	QPSK	50	0	20.74	20.81	20.68		
10	16QAM	1	0	20.81	20.83	20.74		
10	16QAM	1	25	20.66	20.75	20.74	22	0
10	16QAM	1	49	20.73	20.76	20.64		
10	16QAM	25	0	20.58	20.81	20.65		
10	16QAM	25	12	20.54	20.58	20.60	22	0
10	16QAM	25	25	20.56	20.65	20.49		
10	16QAM	50	0	20.80	20.82	20.68		
10	64QAM	1	0	20.72	20.86	20.71		
10	64QAM	1	25	20.61	20.74	20.64	22	0
10	64QAM	1	49	20.51	20.55	20.58		
10	64QAM	25	0	20.47	20.71	20.57		
10	64QAM	25	12	20.48	20.64	20.43	22	0
10	64QAM	25	25	20.47	20.46	20.45		
10	64QAM	50	0	20.67	20.79	20.75		
10	256QAM	1	0	17.86	17.97	17.92		
10	256QAM	1	25	17.86	17.95	17.87	19	3
10	256QAM	1	49	17.65	17.76	17.79		
10	256QAM	25	0	17.53	17.63	17.59		
10	256QAM	25	12	17.57	17.52	17.45	19	3
10	256QAM	25	25	17.36	17.46	17.43		
10	256QAM	50	0	17.65	17.85	17.76		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	20.91	20.98	20.86		
5	QPSK	1	12	20.85	20.92	20.79	22	0
5	QPSK	1	24	20.80	20.82	20.68		
5	QPSK	12	0	20.75	20.94	20.92		
5	QPSK	12	7	20.76	20.79	20.71	22	0
5	QPSK	12	13	20.67	20.80	20.79		
5	QPSK	25	0	20.73	20.91	20.67		
5	16QAM	1	0	20.81	20.80	20.76		
5	16QAM	1	12	20.64	20.73	20.75	22	0
5	16QAM	1	24	20.75	20.73	20.60		
5	16QAM	12	0	20.67	20.72	20.64		
5	16QAM	12	7	20.58	20.57	20.60	22	0
5	16QAM	12	13	20.50	20.55	20.54		
5	16QAM	25	0	20.76	20.88	20.69		
5	64QAM	1	0	20.70	20.83	20.66		
5	64QAM	1	12	20.65	20.77	20.64	22	0
5	64QAM	1	24	20.62	20.54	20.61		
5	64QAM	12	0	20.53	20.67	20.60		
5	64QAM	12	7	20.46	20.58	20.49	22	0
5	64QAM	12	13	20.50	20.53	20.39		
5	64QAM	25	0	20.70	20.77	20.70		
5	256QAM	1	0	17.82	18.02	17.93		
5	256QAM	1	12	17.80	17.98	17.82	19	3
5	256QAM	1	24	17.70	17.76	17.71		
5	256QAM	12	0	17.55	17.63	17.49		
5	256QAM	12	7	17.54	17.50	17.47	19	3
5	256QAM	12	13	17.39	17.51	17.44		
5	256QAM	25	0	17.64	17.78	17.75		
Channel				131697	132322	132947	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	20.91	21.06	20.92		
3	QPSK	1	8	20.85	20.96	20.74	22	0
3	QPSK	1	14	20.75	20.86	20.66		
3	QPSK	8	0	20.73	20.93	20.86		
3	QPSK	8	4	20.74	20.90	20.80	22	0
3	QPSK	8	7	20.69	20.82	20.85		
3	QPSK	15	0	20.79	20.84	20.78		
3	16QAM	1	0	20.87	20.82	20.80		
3	16QAM	1	8	20.63	20.77	20.73	22	0
3	16QAM	1	14	20.70	20.68	20.67		
3	16QAM	8	0	20.60	20.83	20.74		
3	16QAM	8	4	20.55	20.53	20.58	22	0
3	16QAM	8	7	20.55	20.61	20.55		
3	16QAM	15	0	20.77	20.84	20.71		
3	64QAM	1	0	20.69	20.82	20.64		
3	64QAM	1	8	20.64	20.72	20.64	22	0
3	64QAM	1	14	20.51	20.57	20.59		
3	64QAM	8	0	20.48	20.68	20.59		
3	64QAM	8	4	20.45	20.61	20.46	22	0
3	64QAM	8	7	20.49	20.53	20.43		
3	64QAM	15	0	20.71	20.71	20.70		
3	256QAM	1	0	17.84	18.06	17.89		
3	256QAM	1	8	17.83	18.04	17.81	19	3
3	256QAM	1	14	17.74	17.86	17.78		
3	256QAM	8	0	17.56	17.67	17.51		
3	256QAM	8	4	17.45	17.47	17.48	19	3
3	256QAM	8	7	17.36	17.55	17.37		
3	256QAM	15	0	17.69	17.82	17.77		
Channel				131975	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	20.93	21.03	20.94		
1.4	QPSK	1	3	20.80	20.97	20.80		
1.4	QPSK	1	5	20.81	20.76	20.67	22	0
1.4	QPSK	3	0	20.75	20.95	20.84		
1.4	QPSK	3	1	20.69	20.79	20.72		
1.4	QPSK	3	3	20.69	20.84	20.81		
1.4	QPSK	6	0	20.80	20.84	20.68	22	0
1.4	16QAM	1	0	20.83	20.86	20.74		
1.4	16QAM	1	3	20.63	20.72	20.67		
1.4	16QAM	1	5	20.70	20.79	20.59	22	0
1.4	16QAM	3	0	20.62	20.81	20.65		
1.4	16QAM	3	1	20.55	20.56	20.52		
1.4	16QAM	3	3	20.54	20.64	20.47		
1.4	16QAM	6	0	20.71	20.88	20.70	21.5	0.5
1.4	64QAM	1	0	20.74	20.77	20.60		
1.4	64QAM	1	3	20.61	20.68	20.73		
1.4	64QAM	1	5	20.51	20.61	20.59	21.5	0.5
1.4	64QAM	3	0	20.57	20.66	20.59		
1.4	64QAM	3	1	20.45	20.62	20.46		
1.4	64QAM	3	3	20.46	20.48	20.36		
1.4	64QAM	6	0	20.60	20.76	20.73	20.5	1.5
1.4	256QAM	1	0	17.81	18.02	17.97		
1.4	256QAM	1	3	17.80	18.02	17.81		
1.4	256QAM	1	5	17.66	17.75	17.80	18.5	3.5
1.4	256QAM	3	0	17.56	17.66	17.53		
1.4	256QAM	3	1	17.51	17.45	17.38		
1.4	256QAM	3	3	17.34	17.48	17.38		
1.4	256QAM	6	0	17.66	17.83	17.68	18.5	3.5

Band 71 Default Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				133222	133322	133372		
Frequency (MHz)				673	683	688		
20	QPSK	1	0	21.76	21.85	21.69		
20	QPSK	1	49	21.52	21.74	21.59	23	0
20	QPSK	25	99	21.53	21.65	21.55		
20	QPSK	50	0	21.65	21.79	21.60		
20	QPSK	50	24	21.61	21.64	21.62	23	0
20	QPSK	50	50	21.54	21.61	21.61		
20	QPSK	100	0	21.50	21.72	21.57		
20	16QAM	1	0	21.58	21.77	21.57		
20	16QAM	1	49	21.55	21.59	21.61	23	0
20	16QAM	1	99	21.49	21.58	21.56		
20	16QAM	50	0	21.45	21.64	21.47		
20	16QAM	50	24	21.46	21.49	21.49	22.5	0.5
20	16QAM	50	50	21.40	21.44	21.38		
20	16QAM	100	0	21.38	21.48	21.29		
20	64QAM	1	0	21.32	21.53	21.38		
20	64QAM	1	49	21.35	21.44	21.39	22.5	0.5
20	64QAM	1	99	21.30	21.33	21.35		
20	64QAM	50	0	20.29	20.50	20.33		
20	64QAM	50	24	20.35	20.36	20.33	21.5	1.5
20	64QAM	50	50	20.29	20.32	20.30		
20	64QAM	100	0	20.22	20.31	20.25		
20	256QAM	1	0	17.67	17.89	17.81		
20	256QAM	1	49	17.72	17.89	17.67	19	4
20	256QAM	1	99	17.59	17.65	17.64		
20	256QAM	50	0	18.43	18.62	18.53		
20	256QAM	50	24	18.37	18.52	18.42	19	4
20	256QAM	50	50	18.30	18.39	18.37		
20	256QAM	100	0	18.32	18.49	18.34		
Channel				133197	133297	133397	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	0	21.70	21.78	21.54		
15	QPSK	1	37	21.52	21.64	21.53	23	0
15	QPSK	1	74	21.43	21.61	21.51		
15	QPSK	36	0	21.57	21.70	21.56		
15	QPSK	36	20	21.55	21.59	21.49	23	0
15	QPSK	36	39	21.50	21.47	21.55		
15	QPSK	75	0	21.40	21.59	21.53		
15	16QAM	1	0	21.47	21.64	21.43		
15	16QAM	1	37	21.42	21.45	21.50	23	0
15	16QAM	1	74	21.35	21.55	21.45		
15	16QAM	36	0	21.37	21.51	21.36		
15	16QAM	36	20	21.38	21.39	21.35	22.5	0.5
15	16QAM	36	39	21.31	21.30	21.32		
15	16QAM	75	0	21.34	21.41	21.20		
15	64QAM	1	0	21.23	21.38	21.34		
15	64QAM	1	37	21.30	21.30	21.26	22.5	0.5
15	64QAM	1	74	21.25	21.20	21.29		
15	64QAM	36	0	20.15	20.39	20.23		
15	64QAM	36	20	20.29	20.22	20.23	21.5	1.5
15	64QAM	36	39	20.23	20.26	20.22		
15	64QAM	75	0	20.16	20.20	20.17		
15	256QAM	1	0	17.61	17.84	17.75		
15	256QAM	1	37	17.58	17.83	17.64	19	4
15	256QAM	1	74	17.46	17.56	17.52		
15	256QAM	36	0	18.31	18.50	18.38		
15	256QAM	36	20	18.29	18.47	18.30	19	4
15	256QAM	36	39	18.23	18.36	18.26		
15	256QAM	75	0	18.27	18.39	18.25		
Channel				133172	133272	133422	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	678	693		
10	QPSK	1	0	21.66	21.75	21.62		
10	QPSK	1	25	21.50	21.60	21.51	23	0
10	QPSK	1	49	21.41	21.53	21.51		
10	QPSK	25	0	21.51	21.66	21.57		
10	QPSK	25	12	21.52	21.54	21.48	23	0
10	QPSK	25	25	21.49	21.47	21.52		
10	QPSK	50	0	21.46	21.62	21.45		
10	16QAM	1	0	21.54	21.63	21.51		
10	16QAM	1	25	21.46	21.46	21.55	23	0
10	16QAM	1	49	21.40	21.53	21.47		
10	16QAM	25	0	21.34	21.55	21.37		
10	16QAM	25	12	21.36	21.46	21.45	22.5	0.5
10	16QAM	25	25	21.36	21.33	21.26		
10	16QAM	50	0	21.31	21.42	21.17		
10	64QAM	1	0	21.24	21.43	21.24		
10	64QAM	1	25	21.25	21.29	21.34	22.5	0.5
10	64QAM	1	49	21.19	21.21	21.27		
10	64QAM	25	0	20.18	20.42	20.24		
10	64QAM	25	12	20.22	20.25	20.27	21.5	1.5
10	64QAM	25	25	20.17	20.25	20.25		
10	64QAM	50	0	20.11	20.22	20.22		
10	256QAM	1	0	17.61	17.81	17.75		
10	256QAM	1	25	17.69	17.79	17.59	19	4
10	256QAM	1	49	17.50	17.57	17.51		
10	256QAM	25	0	18.32	18.55	18.46		
10	256QAM	25	12	18.26	18.41	18.36	19	4
10	256QAM	25	25	18.24	18.30	18.24		
10	256QAM	50	0	18.19	18.40	18.22		
Channel				133147	133247	133447	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	675.5	695.5		
5	QPSK	1	0	21.72	21.72	21.62		
5	QPSK	1	12	21.54	21.66	21.54	23	0
5	QPSK	1	24	21.44	21.53	21.48		
5	QPSK	12	0	21.59	21.65	21.57		
5	QPSK	12	7	21.48	21.50	21.57	23	0
5	QPSK	12	13	21.43	21.57	21.47		
5	QPSK	25	0	21.39	21.68	21.53		
5	16QAM	1	0	21.43	21.65	21.47		
5	16QAM	1	12	21.47	21.44	21.51	23	0
5	16QAM	1	24	21.45	21.50	21.52		
5	16QAM	12	0	21.36	21.52	21.40		
5	16QAM	12	7	21.35	21.35	21.37	22.5	0.5
5	16QAM	12	13	21.35	21.40	21.33		
5	16QAM	25	0	21.32	21.43	21.18		
5	64QAM	1	0	21.19	21.44	21.29		
5	64QAM	1	12	21.26	21.35	21.31	22.5	0.5
5	64QAM	1	24	21.16	21.18	21.28		
5	64QAM	12	0	20.16	20.41	20.18		
5	64QAM	12	7	20.29	20.30	20.28	21.5	1.5
5	64QAM	12	13	20.22	20.17	20.19		
5	64QAM	25	0	20.10	20.25	20.12		
5	256QAM	1	0	17.58	17.80	17.72		
5	256QAM	1	12	17.65	17.79	17.53	19	4
5	256QAM	1	24	17.45	17.60	17.52		
5	256QAM	12	0	18.34	18.50	18.42		
5	256QAM	12	7	18.31	18.46	18.38	19	4
5	256QAM	12	13	18.21	18.29	18.23		
5	256QAM	25	0	18.22	18.46	18.29		

Band 38 DSI3_Simultaneous Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	20.15	20.18	20.06	21.2	0
20	QPSK	1	49	20.17	20.10	19.98		
20	QPSK	1	99	19.90	20.14	20.07		
20	QPSK	50	0	19.84	20.11	19.99		
20	QPSK	50	24	19.95	20.05	20.00		
20	QPSK	50	50	20.01	20.07	19.92		
20	QPSK	100	0	20.01	20.04	19.91		
20	16QAM	1	0	19.97	19.99	20.02		
20	16QAM	1	49	19.91	19.99	20.00		
20	16QAM	1	99	19.87	19.94	19.85		
20	16QAM	50	0	19.93	20.16	19.92		
20	16QAM	50	24	19.87	19.93	20.15		
20	16QAM	50	50	19.91	19.99	20.10		
20	16QAM	100	0	19.97	20.14	20.06		
20	64QAM	1	0	19.94	20.16	19.85		
20	64QAM	1	49	20.06	20.10	19.91		
20	64QAM	1	99	19.92	20.00	19.82		
20	64QAM	50	0	19.93	20.08	19.86		
20	64QAM	50	24	19.75	20.11	19.90		
20	64QAM	50	50	19.97	20.07	19.94		
20	64QAM	100	0	19.99	20.09	19.92		
20	256QAM	1	0	18.83	19.00	18.85		
20	256QAM	1	49	18.79	19.00	18.76	20.5	0.7
20	256QAM	1	99	18.76	18.77	18.78		
20	256QAM	50	0	18.95	19.16	18.97		
20	256QAM	50	24	18.97	19.06	18.96		
20	256QAM	50	50	18.89	18.95	18.94		
20	256QAM	100	0	19.00	19.15	18.96		
Channel				37525	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	20.00	20.14	19.95	21.2	0
15	QPSK	1	37	19.95	20.08	19.90		
15	QPSK	1	74	19.85	20.00	19.94		
15	QPSK	36	0	19.89	20.06	19.88		
15	QPSK	36	20	19.82	19.82	19.83		
15	QPSK	36	39	19.91	19.98	19.92		
15	QPSK	75	0	19.92	19.96	19.98		
15	16QAM	1	0	19.92	19.96	19.86		
15	16QAM	1	37	19.84	19.88	19.90		
15	16QAM	1	74	19.90	19.96	19.79		
15	16QAM	36	0	19.91	19.96	19.86		
15	16QAM	36	20	19.80	19.94	20.07		
15	16QAM	36	39	19.94	19.84	19.91		
15	16QAM	75	0	19.77	19.95	19.86		
15	64QAM	1	0	19.72	19.98	19.90		
15	64QAM	1	37	19.85	19.92	19.79		
15	64QAM	1	74	19.80	19.93	19.75		
15	64QAM	36	0	19.90	19.91	19.78		
15	64QAM	36	20	19.79	19.93	19.74		
15	64QAM	36	39	19.81	19.96	19.70		
15	64QAM	75	0	19.86	19.91	19.72		
15	256QAM	1	0	18.77	18.90	18.81		
15	256QAM	1	37	18.70	18.91	18.72	20.5	0.7
15	256QAM	1	74	18.67	18.74	18.74		
15	256QAM	36	0	18.86	19.11	18.92		
15	256QAM	36	20	18.93	18.94	18.86		
15	256QAM	36	39	18.85	18.88	18.84	20.5	0.7
15	256QAM	75	0	18.89	19.10	18.89		
Channel				37500	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	20.09	20.10	20.01	21.2	0
10	QPSK	1	25	19.93	20.00	19.91		
10	QPSK	1	49	19.95	20.04	20.09		
10	QPSK	25	0	19.85	20.07	19.97		
10	QPSK	25	12	19.78	19.79	19.85		
10	QPSK	25	25	19.92	19.98	19.89		
10	QPSK	50	0	19.91	20.05	19.97		
10	16QAM	1	0	20.00	19.97	19.85		
10	16QAM	1	25	19.81	19.89	19.86		
10	16QAM	1	49	19.86	19.92	19.80		
10	16QAM	25	0	19.82	20.02	19.93		
10	16QAM	25	12	19.87	19.98	20.03		
10	16QAM	25	25	19.89	19.89	19.92		
10	16QAM	50	0	19.82	19.96	19.92		
10	64QAM	1	0	19.78	19.93	19.93		
10	64QAM	1	25	19.86	19.89	19.88		
10	64QAM	1	49	19.84	19.96	19.77		
10	64QAM	25	0	19.86	19.99	19.87		
10	64QAM	25	12	19.71	19.90	19.79		
10	64QAM	25	25	19.86	19.89	19.70		
10	64QAM	50	0	19.84	19.88	19.69		
10	256QAM	1	0	18.76	18.92	18.70		
10	256QAM	1	25	18.64	18.91	18.72	20.5	0.7
10	256QAM	1	49	18.62	18.73	18.68		
10	256QAM	25	0	18.83	19.11	18.88		
10	256QAM	25	12	18.90	19.03	18.92	20.5	0.7
10	256QAM	25	25	18.77	18.94	18.87		
10	256QAM	50	0	18.91	19.04	18.86		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	20.06	20.09	19.95	21.2	0
5	QPSK	1	12	20.03	20.00	19.95		
5	QPSK	1	24	19.85	20.04	20.04		
5	QPSK	12	0	19.89	20.01	19.93		
5	QPSK	12	7	19.84	19.89	19.81		
5	QPSK	12	13	19.95	20.03	19.86		
5	QPSK	25	0	19.88	20.05	19.94		
5	16QAM	1	0	19.91	20.03	19.91		
5	16QAM	1	12	19.77	19.88	19.91		
5	16QAM	1	24	19.85	19.98	19.84		
5	16QAM	12	0	19.89	19.93	19.87		
5	16QAM	12	7	19.84	19.96	19.96		
5	16QAM	12	13	19.97	19.88	19.88		
5	16QAM	25	0	19.75	19.99	19.89		
5	64QAM	1	0	19.71	19.95	19.88		
5	64QAM	1	12	19.88	19.88	19.87		
5	64QAM	1	24	19.80	19.90	19.78		
5	64QAM	12	0	19.88	19.90	19.79		
5	64QAM	12	7	19.81	19.92	19.79		
5	64QAM	12	13	19.82	19.90	19.71		
5	64QAM	25	0	19.88	19.91	19.68		
5	256QAM	1	0	18.73	18.88	18.71		
5	256QAM	1	12	18.72	18.87	18.66	20.5	0.7
5	256QAM	1	24	18.64	18.73	18.70		
5	256QAM	12	0	18.87	19.09	18.90		
5	256QAM	12	7	18.82	19.01	18.84	20.5	0.7
5	256QAM	12	13	18.85	18.88	18.90		
5	256QAM	25	0	18.95	19.08	18.91		

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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	20.39	20.41	20.46	20.37	20.21	21.2	0
20	QPSK	1	49	20.21	20.31	20.39	20.35	20.20		
20	QPSK	1	99	20.15	20.15	20.26	20.25	20.17		
20	QPSK	50	0	20.21	20.30	20.36	20.22	20.19		
20	QPSK	50	24	20.24	20.25	20.34	20.30	20.12		
20	QPSK	50	50	20.15	20.30	20.30	20.20	20.09		
20	QPSK	100	0	20.08	20.24	20.29	20.14	20.10		
20	16QAM	1	0	20.07	20.19	20.27	20.20	20.11		
20	16QAM	1	49	20.27	20.31	20.28	20.28	20.08		
20	16QAM	1	99	20.17	20.25	20.31	20.24	20.18		
20	16QAM	50	0	20.25	20.27	20.31	20.28	20.18		
20	16QAM	50	24	20.29	20.21	20.26	20.19	20.22		
20	16QAM	50	50	20.01	20.17	20.27	20.15	20.09		
20	16QAM	100	0	20.10	20.14	20.16	20.08	20.11		
20	64QAM	1	0	20.15	20.08	20.25	20.09	20.14		
20	64QAM	1	49	19.93	20.02	20.16	20.04	19.93		
20	64QAM	1	99	19.94	20.04	20.05	19.97	19.97		
20	64QAM	50	0	20.18	20.18	20.34	20.24	20.26		
20	64QAM	50	24	20.14	20.12	20.06	20.03	20.09		
20	64QAM	50	50	19.98	20.02	20.22	19.95	19.97		
20	64QAM	100	0	20.14	20.27	20.27	20.14	20.17		
20	256QAM	1	0	18.62	18.49	18.70	18.50	18.65		
20	256QAM	1	49	18.64	18.47	18.70	18.55	18.56	20	1.2
20	256QAM	1	99	18.43	18.43	18.53	18.51	18.38		
20	256QAM	50	0	18.76	18.67	18.83	18.70	18.74		
20	256QAM	50	24	18.61	18.59	18.64	18.62	18.62		
20	256QAM	50	50	18.51	18.53	18.61	18.63	18.59		
20	256QAM	100	0	18.77	18.75	18.88	18.71	18.73		
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	20.33	20.36	20.40	20.33	20.18	21	0
15	QPSK	1	37	20.08	20.21	20.31	20.27	20.07		
15	QPSK	1	74	20.07	20.03	20.15	20.13	20.04		
15	QPSK	36	0	20.11	20.25	20.31	20.16	20.07		
15	QPSK	36	20	20.10	20.14	20.30	20.19	20.01		
15	QPSK	36	39	20.07	20.24	20.21	20.06	19.95		
15	QPSK	75	0	20.04	20.12	20.26	20.03	19.99		
15	16QAM	1	0	20.01	20.15	20.18	20.09	20.06		
15	16QAM	1	37	20.13	20.26	20.19	20.18	19.97		
15	16QAM	1	74	20.05	20.18	20.19	20.10	20.10		
15	16QAM	36	0	20.10	20.23	20.17	20.19	20.11		
15	16QAM	36	20	20.26	20.06	20.15	20.13	20.08		
15	16QAM	36	39	19.87	20.09	20.17	20.04	19.96		
15	16QAM	75	0	20.04	20.04	20.11	20.02	19.99		
15	64QAM	1	0	20.10	20.00	20.16	20.00	20.10		
15	64QAM	1	37	19.88	19.94	20.04	19.96	19.79		
15	64QAM	1	74	19.87	20.00	19.92	19.84	19.84		
15	64QAM	36	0	20.09	20.14	20.22	20.11	20.21		
15	64QAM	36	20	20.11	20.06	19.99	20.00	20.04		
15	64QAM	36	39	19.85	19.99	20.12	19.82	19.91		
15	64QAM	75	0	19.99	20.22	20.18	19.99	20.08		
15	256QAM	1	0	18.42	18.29	18.50	18.30	18.45		
15	256QAM	1	37	18.44	18.27	18.50	18.35	18.36	20	1.2
15	256QAM	1	74	18.23	18.23	18.33	18.31	18.18		
15	256QAM	36	0	18.56	18.47	18.63	18.50	18.54		
15	256QAM	36	20	18.41	18.39	18.44	18.42	18.42		
15	256QAM	36	39	18.31	18.33	18.41	18.43	18.39		
15	256QAM	75	0	18.57	18.55	18.68	18.51	18.53		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	20.30	20.28	20.34	20.31	20.16	21	0
10	QPSK	1	25	20.16	20.20	20.30	20.28	20.10		
10	QPSK	1	49	20.07	20.11	20.14	20.18	20.10		
10	QPSK	25	0	20.12	20.18	20.31	20.17	20.11		
10	QPSK	25	12	20.11	20.13	20.25	20.22	20.00		
10	QPSK	25	25	20.02	20.17	20.27	20.11	20.01		
10	QPSK	50	0	20.00	20.20	20.22	20.01	20.06		
10	16QAM	1	0	19.96	20.06	20.18	20.15	20.04		
10	16QAM	1	25	20.23	20.19	20.13	20.13	20.03	21.2	0
10	16QAM	1	49	20.11	20.17	20.19	20.13	20.10		
10	16QAM	25	0	20.16	20.17	20.17	20.23	20.10		
10	16QAM	25	12	20.20	20.11	20.14	20.05	20.10		
10	16QAM	25	25	19.96	20.12	20.16	20.08	20.01		
10	16QAM	50	0	19.95	20.08	20.12	19.96	20.01		
10	64QAM	1	0	20.04	19.96	20.11	20.00	20.01		
10	64QAM	1	25	19.85	19.88	20.06	19.97	19.87		
10	64QAM	1	49	19.83	19.90	20.00	19.88	19.87		
10	64QAM	25	0	20.14	20.09	20.27	20.18	20.21		
10	64QAM	25	12	20.08	19.98	20.01	19.91	20.00		
10	64QAM	25	25	19.87	19.91	20.11	19.81	19.87		
10	64QAM	50	0	20.05	20.14	20.17	20.02	20.12		
10	256QAM	1	0	18.58	18.35	18.66	18.36	18.60		
10	256QAM	1	25	18.56	18.40	18.64	18.49	18.53	20	1.2
10	256QAM	1	49	18.35	18.29	18.50	18.46	18.30		
10	256QAM	25	0	18.62	18.52	18.78	18.59	18.60		
10	256QAM	25	12	18.49	18.48	18.60	18.59	18.55	20	1.2
10	256QAM	25	25	18.40	18.40	18.51	18.51	18.49		
10	256QAM	50	0	18.67	18.65	18.81	18.64	18.60		
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	20.30	20.29	20.42	20.30	20.08	21	0
5	QPSK	1	12	20.13	20.19	20.26	20.28	20.06		
5	QPSK	1	24	20.12	20.08	20.16	20.13	20.08		
5	QPSK	12	0	20.13	20.19	20.30	20.09	20.13		
5	QPSK	12	7	20.10	20.10	20.25	20.22	20.00		
5	QPSK	12	13	20.03	20.22	20.25	20.05	19.94		
5	QPSK	25	0	20.03	20.13	20.18	20.04	20.02		
5	16QAM	1	0	19.98	20.08	20.20	20.06	20.00		
5	16QAM	1	12	20.15	20.20	20.20	20.23	20.00	21.2	0
5	16QAM	1	24	20.02	20.12	20.17	20.15	20.04		
5	16QAM	12	0	20.20	20.24	20.16	20.18	20.11		
5	16QAM	12	7	20.20	20.18	20.16	20.07	20.13		
5	16QAM	12	13	19.90	20.12	20.19	20.12	19.95		
5	16QAM	25	0	19.98	20.05	20.07	19.95	20.01		
5	64QAM	1	0	20.03	19.98	20.20	19.98	20.00		
5	64QAM	1	12	19.81	19.95	20.11	19.93	19.81		
5	64QAM	1	24	19.81	19.92	19.94	19.86	19.88		
5	64QAM	12	0	20.15	20.13	20.20	20.21	20.13		
5	64QAM	12	7	20.04	20.01	20.02	19.95	20.03		
5	64QAM	12	13	19.89	19.90	20.15	19.86	19.94		
5	64QAM	25	0	20.10	20.15	20.17	20.05	20.10		
5	256QAM	1	0	18.55	18.40	18.59	18.37	18.50		
5	256QAM	1	12	18.50	18.36	18.59	18.43	18.45	20	1.2
5	256QAM	1	24	18.36	18.37	18.48	18.47	18.29		
5	256QAM	12	0	18.64	18.53	18.68	18.57	18.66		
5	256QAM	12	7	18.50	18.45	18.61	18.51	18.58	20	1.2
5	256QAM	12	13	18.37	18.49	18.53	18.52	18.44		
5	256QAM	25	0	18.67	18.67	18.81	18.62	18.63		

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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	22.20	22.25	22.33	22.31	22.26	22.8	0
20	QPSK	1	49	22.07	22.18	22.19	22.20	22.01		
20	QPSK	1	99	22.02	22.04	22.16	22.12	22.09		
20	QPSK	50	0	21.98	22.09	22.23	22.09	21.97		
20	QPSK	50	24	22.04	22.03	22.13	22.14	21.88	22.8	0
20	QPSK	50	50	21.98	22.15	22.06	22.00	21.91		
20	QPSK	100	0	21.88	21.93	22.06	22.01	21.88		
20	16QAM	1	0	21.90	21.96	22.04	21.97	21.87		
20	16QAM	1	49	22.05	22.15	22.11	22.14	21.84	22.8	0
20	16QAM	1	99	22.04	22.00	22.10	21.99	22.04		
20	16QAM	50	0	22.01	22.12	22.16	22.20	21.95		
20	16QAM	50	24	21.96	21.92	22.08	22.07	21.99	22.8	0
20	16QAM	50	50	21.99	22.16	22.14	22.07	21.98		
20	16QAM	100	0	22.07	22.13	22.22	22.11	22.04		
20	64QAM	1	0	21.91	21.91	22.09	22.06	22.02		
20	64QAM	1	49	21.97	22.08	22.12	22.07	22.01	22.8	0
20	64QAM	1	99	22.04	22.11	22.15	22.12	22.02		
20	64QAM	50	0	22.06	22.08	22.22	22.19	21.96		
20	64QAM	50	24	22.06	22.16	22.24	22.21	21.99	22.8	0
20	64QAM	50	50	21.92	21.96	22.07	22.03	22.04		
20	64QAM	100	0	22.03	22.10	22.18	22.02	22.02		
20	256QAM	1	0	21.51	21.49	21.68	21.44	21.58		
20	256QAM	1	49	21.43	21.41	21.61	21.42	21.52	22.3	0.5
20	256QAM	1	99	21.30	21.36	21.55	21.41	21.51		
20	256QAM	50	0	21.37	21.38	21.52	21.34	21.45		
20	256QAM	50	24	21.27	21.23	21.46	21.24	21.39	22.3	0.5
20	256QAM	50	50	21.23	21.26	21.41	21.20	21.35		
20	256QAM	100	0	21.10	21.12	21.34	21.15	21.24		
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	22.15	22.19	22.27	22.17	22.23	23	0
15	QPSK	1	37	21.99	22.03	22.14	22.15	21.98		
15	QPSK	1	74	21.93	21.99	22.01	22.05	21.97		
15	QPSK	36	0	21.94	22.03	22.16	22.05	21.85		
15	QPSK	36	20	21.99	21.90	22.05	22.08	21.75	22.8	0
15	QPSK	36	39	21.88	22.07	22.00	21.87	21.81		
15	QPSK	75	0	21.76	21.88	21.96	21.97	21.80		
15	16QAM	1	0	21.81	21.86	21.90	21.86	21.83		
15	16QAM	1	37	21.92	22.11	22.05	22.00	21.71	22.8	0
15	16QAM	1	74	21.93	21.95	22.02	21.93	21.97		
15	16QAM	36	0	21.86	22.04	22.07	22.12	21.87		
15	16QAM	36	20	21.86	21.82	21.97	22.00	21.93	22.8	0
15	16QAM	36	39	21.91	22.05	22.06	21.93	21.88		
15	16QAM	75	0	22.01	22.05	22.17	22.02	21.97		
15	64QAM	1	0	21.76	21.87	22.03	22.00	21.91		
15	64QAM	1	37	21.84	22.00	22.02	22.04	21.98	22.8	0
15	64QAM	1	74	21.90	21.98	22.07	22.01	21.96		
15	64QAM	36	0	21.94	21.93	22.16	22.10	21.91		
15	64QAM	36	20	21.91	22.11	22.19	22.12	21.94	22.8	0
15	64QAM	36	39	21.84	21.83	22.01	21.88	21.96		
15	64QAM	75	0	21.94	21.96	22.11	21.92	21.91		
15	256QAM	1	0	21.44	21.44	21.54	21.33	21.45		
15	256QAM	1	37	21.29	21.29	21.56	21.28	21.46	22.3	0.5
15	256QAM	1	74	21.25	21.29	21.52	21.31	21.41		
15	256QAM	36	0	21.28	21.27	21.39	21.26	21.30		
15	256QAM	36	20	21.12	21.14	21.34	21.18	21.27	22.3	0.5
15	256QAM	36	39	21.14	21.22	21.37	21.12	21.30		
15	256QAM	75	0	21.06	21.19	21.21	21.00	21.10		
Channel				39700	40160	40620	41080	41540	Tune-up limit	MPR
Frequency (MHz)				2501	2547	2593	2639	2685	(dBm)	(dB)
10	QPSK	1	0	22.13	22.21	22.29	22.26	22.23	23	0
10	QPSK	1	25	21.99	22.05	22.05	22.06	21.93		
10	QPSK	1	49	21.95	21.90	22.07	22.07	21.98		
10	QPSK	25	0	21.91	22.00	22.12	21.98	21.92		
10	QPSK	25	12	21.93	21.99	22.04	22.02	21.85	22.8	0
10	QPSK	25	25	21.89	22.04	22.01	21.93	21.77		
10	QPSK	50	0	21.77	21.80	21.94	21.95	21.78		
10	16QAM	1	0	21.85	21.90	21.94	21.85	21.82		
10	16QAM	1	25	21.92	22.08	22.00	22.05	21.80	22.8	0
10	16QAM	1	49	21.92	21.94	22.03	21.92	21.95		
10	16QAM	25	0	21.86	22.04	22.04	22.13	21.82		
10	16QAM	25	12	21.86	21.89	22.04	22.04	21.85	22.8	0
10	16QAM	25	25	21.93	22.02	22.09	21.92	21.84		
10	16QAM	50	0	21.98	22.08	22.17	22.06	21.90		
10	64QAM	1	0	21.84	21.82	22.00	22.00	21.90		
10	64QAM	1	25	21.85	22.01	22.00	21.96	21.95	22.8	0
10	64QAM	1	49	21.90	21.96	22.08	22.07	21.90		
10	64QAM	25	0	21.98	21.98	22.08	22.16	21.84		
10	64QAM	25	12	21.98	22.05	22.12	22.17	21.91	22.8	0
10	64QAM	25	25	21.83	21.86	22.03	21.92	21.90		
10	64QAM	50	0	21.91	22.02	22.04	21.98	21.95		
10	256QAM	1	0	21.45	21.46	21.56	21.35	21.48		
10	256QAM	1	25	21.29	21.34	21.51	21.37	21.46	22.3	0.5
10	256QAM	1	49	21.26	21.25	21.47	21.33	21.42		
10	256QAM	25	0	21.33	21.29	21.44	21.25	21.41		
10	256QAM	25	12	21.21	21.11	21.32	21.16	21.33	22.3	0.5
10	256QAM	25	25	21.11	21.14	21.27	21.11	21.29		
10	256QAM	50	0	21.04	21.04	21.24	21.09	21.18		
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	22.09	22.13	22.19	22.06	22.14	23	0
5	QPSK	1	12	21.96	22.09	22.07	22.07	21.87		
5	QPSK	1	24	21.88	21.94	22.03	22.02	21.95		
5	QPSK	12	0	21.85	21.97	22.09	22.00	21.83		
5	QPSK	12	7	21.95	21.95	22.00	22.05	21.83	22.8	0
5	QPSK	12	13	21.87	22.02	21.98	21.95	21.77		
5	QPSK	25	0	21.81	21.89	21.97	21.92	21.76		
5	16QAM	1	0	21.87	21.86	21.93	21.89	21.77		
5	16QAM	1	12	21.96	22.02	22.01	21.99	21.75	22.8	0
5	16QAM	1	24	21.94	21.86	21.95	21.91	21.92		
5	16QAM	12	0	21.89	22.08	22.09	22.07	21.84		
5	16QAM	12	7	21.84	21.83	22.02	21.98	21.95	22.8	0
5	16QAM	12	13	21.88	22.03	22.05	21.97	21.90		
5	16QAM	25	0	21.95	22.05	22.12	22.01	21.97		
5	64QAM	1	0	21.82	21.81	22.03	21.96	21.88		
5	64QAM	1	12	21.93	21.95	22.00	22.02	21.95	22.8	0
5	64QAM	1	24	21.94	21.97	22.06	22.05	21.93		
5	64QAM	12	0	22.02	22.02	22.16	22.11	21.83		
5	64QAM	12	7	22.00	22.06	22.17	22.17	21.91	22.8	0
5	64QAM	12	13	21.88	21.87	22.03	21.94	21.92		
5	64QAM	25	0	21.97	22.02	22.13	21.91	21.95		
5	256QAM	1	0	21.38	21.34	21.57	21.39	21.48		
5	256QAM	1	12	21.33	21.36	21.50	21.28	21.49	22.3	0.5
5	256QAM	1	24	21.23	21.29	21.49	21.37	21.39		
5	256QAM	12	0	21.34	21.29	21.40	21.28	21.32		
5	256QAM	12	7	21.16	21.18	21.33	21.11	21.33	22.3	0.5
5	256QAM	12	13	21.14	21.13	21.33	21.12	21.31		
5	256QAM	25	0	21.01	21.06	21.21	21.03	21.16		

Band 48 Default Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	23.72	23.88	23.79	23.66	24	0
20	QPSK	1	49	23.56	23.76	23.61	23.54		
20	QPSK	1	99	23.56	23.65	23.58	23.60		
20	QPSK	50	0	23.64	23.74	23.57	23.53		
20	QPSK	50	24	23.48	23.66	23.49	23.50		
20	QPSK	50	50	23.49	23.49	23.45	23.37		
20	QPSK	100	0	23.52	23.68	23.59	23.48		
20	16QAM	1	0	23.67	23.84	23.73	23.52		
20	16QAM	1	49	23.65	23.74	23.66	23.62		
20	16QAM	1	99	23.64	23.66	23.64	23.49		
20	16QAM	50	0	23.16	23.38	23.28	23.15	23.5	0.5
20	16QAM	50	24	23.12	23.25	23.23	23.08		
20	16QAM	50	50	23.09	23.14	23.14	23.10		
20	16QAM	100	0	23.27	23.44	23.36	23.13		
20	64QAM	1	0	23.14	23.36	23.23	23.13		
20	64QAM	1	49	23.14	23.17	23.14	23.07		
20	64QAM	1	99	23.16	23.21	23.11	23.06		
20	64QAM	50	0	22.19	22.39	22.29	22.08	22.5	1.5
20	64QAM	50	24	22.18	22.24	22.25	22.16		
20	64QAM	50	50	22.16	22.15	22.15	22.08		
20	64QAM	100	0	22.26	22.35	22.30	22.18		
20	256QAM	1	0	20.01	20.20	20.01	19.94	20.5	3.5
20	256QAM	1	49	19.97	20.20	19.96	19.91		
20	256QAM	1	99	19.94	20.07	19.96	19.87		
20	256QAM	50	0	20.32	20.46	20.33	20.16		
20	256QAM	50	24	20.30	20.36	20.33	20.14	20.5	3.5
20	256QAM	50	50	20.22	20.28	20.25	20.16		
20	256QAM	100	0	20.43	20.34	20.40	20.34		
Channel				55315	55820	56160	56665	Tune-up limit	MPR
Frequency (MHz)				3557.5	3608	3642	3692.5	(dBm)	(dB)
15	QPSK	1	0	23.58	23.83	23.65	23.60	24	0
15	QPSK	1	37	23.49	23.62	23.51	23.42		
15	QPSK	1	74	23.52	23.51	23.50	23.51		
15	QPSK	36	0	23.54	23.69	23.49	23.42		
15	QPSK	36	20	23.33	23.62	23.35	23.37	24	0
15	QPSK	36	39	23.38	23.44	23.40	23.34		
15	QPSK	75	0	23.44	23.64	23.52	23.38		
15	16QAM	1	0	23.52	23.76	23.59	23.40		
15	16QAM	1	37	23.51	23.60	23.62	23.51	24	0
15	16QAM	1	74	23.59	23.51	23.50	23.45		
15	16QAM	36	0	23.05	23.31	23.14	23.01		
15	16QAM	36	20	23.01	23.10	23.18	22.96	23.5	0.5
15	16QAM	36	39	22.96	23.04	23.03	23.00		
15	16QAM	75	0	23.24	23.31	23.27	23.10		
15	64QAM	1	0	23.10	23.29	23.15	23.00		
15	64QAM	1	37	23.04	23.12	23.06	22.98	23.5	0.5
15	64QAM	1	74	23.02	23.13	23.01	22.99		
15	64QAM	36	0	22.07	22.24	22.16	21.97		
15	64QAM	36	20	22.12	22.11	22.14	22.02	22.5	1.5
15	64QAM	36	39	22.12	22.10	22.05	21.97		
15	64QAM	75	0	22.15	22.26	22.24	22.04		
15	256QAM	1	0	19.95	20.10	19.88	19.86	20.5	3.5
15	256QAM	1	37	19.91	20.13	19.92	19.78		
15	256QAM	1	74	19.85	19.93	19.86	19.76		
15	256QAM	36	0	20.23	20.38	20.29	20.11	20.5	3.5
15	256QAM	36	20	20.16	20.25	20.29	20.02		
15	256QAM	36	39	20.16	20.18	20.14	20.10		
15	256QAM	75	0	20.36	20.51	20.37	20.30		
Channel				55290	55815	56165	56690	Tune-up limit	MPR
Frequency (MHz)				3555	3607.5	3642.5	3695	(dBm)	(dB)
10	QPSK	1	0	23.65	23.74	23.67	23.61	24	0
10	QPSK	1	25	23.49	23.70	23.49	23.47		
10	QPSK	1	49	23.43	23.56	23.48	23.55		
10	QPSK	25	0	23.53	23.61	23.50	23.47		
10	QPSK	25	12	23.40	23.54	23.45	23.42	24	0
10	QPSK	25	25	23.45	23.37	23.31	23.27		
10	QPSK	50	0	23.40	23.62	23.53	23.44		
10	16QAM	1	0	23.59	23.80	23.65	23.46		
10	16QAM	1	25	23.51	23.64	23.62	23.47	24	0
10	16QAM	1	49	23.54	23.56	23.60	23.42		
10	16QAM	25	0	23.08	23.32	23.14	23.07		
10	16QAM	25	12	23.05	23.19	23.08	23.04	23.5	0.5
10	16QAM	25	25	23.01	22.99	23.04	23.03		
10	16QAM	50	0	23.12	23.35	23.27	23.09		
10	64QAM	1	0	23.00	23.29	23.14	22.99		
10	64QAM	1	25	23.07	23.06	23.10	23.03	23.5	0.5
10	64QAM	1	49	23.10	23.06	22.98	22.97		
10	64QAM	25	0	22.12	22.30	22.21	22.00		
10	64QAM	25	12	22.06	22.12	22.16	22.13	22.5	1.5
10	64QAM	25	25	22.13	22.11	22.06	21.93		
10	64QAM	50	0	22.20	22.25	22.20	22.15		
10	256QAM	1	0	19.87	20.05	19.92	19.84	20.5	3.5
10	256QAM	1	25	19.86	20.07	19.91	19.87		
10	256QAM	1	49	19.87	19.93	19.89	19.84		
10	256QAM	25	0	20.20	20.37	20.22	20.04	20.5	3.5
10	256QAM	25	12	20.18	20.30	20.24	20.07		
10	256QAM	25	25	20.17	20.17	20.17	20.07		
10	256QAM	50	0	20.31	20.40	20.32	20.29		
Channel				55265	55810	56170	56715	Tune-up limit	MPR
Frequency (MHz)				3552.5	3607	3643	3697.5	(dBm)	(dB)
5	QPSK	1	0	23.67	23.77	23.68	23.54	24	0
5	QPSK	1	12	23.43	23.69	23.50	23.45		
5	QPSK	1	24	23.53	23.59	23.55	23.55		
5	QPSK	12	0	23.56	23.71	23.48	23.45		
5	QPSK	12	7	23.44	23.60	23.38	23.36	24	0
5	QPSK	12	13	23.41	23.35	23.31	23.29		
5	QPSK	25	0	23.44	23.59	23.45	23.43		
5	16QAM	1	0	23.53	23.73	23.69	23.49		
5	16QAM	1	12	23.53	23.66	23.57	23.55	24	0
5	16QAM	1	24	23.55	23.61	23.49	23.40		
5	16QAM	12	0	23.02	23.29	23.24	23.00		
5	16QAM	12	7	22.99	23.15	23.16	23.01	23.5	0.5
5	16QAM	12	13	23.04	23.05	23.10	23.01		
5	16QAM	25	0	23.13	23.30	23.30	23.00		
5	64QAM	1	0	23.02	23.32	23.19	23.06		
5	64QAM	1	12	23.03	23.08	23.04	22.97	23.5	0.5
5	64QAM	1	24	23.09	23.17	23.08	22.98		
5	64QAM	12	0	22.05	22.28	22.17	22.03		
5	64QAM	12	7	22.14	22.17	22.23	22.11	22.5	1.5
5	64QAM	12	13	22.04	22.07	22.06	22.02		
5	64QAM	25	0	22.21	22.26	22.26	22.13		
5	256QAM	1	0	19.91	20.05	19.93	19.84	20.5	3.5
5	256QAM	1	12	19.84	20.17	19.89	19.81		
5	256QAM	1	24	19.80	19.98	19.89	19.77		
5	256QAM	12	0	20.27	20.37	20.19	20.08	20.5	3.5
5	256QAM	12	7	20.21	20.23	20.28	20.07		
5	256QAM	12	13	20.13	20.19	20.21	20.04		
5	256QAM	25	0	20.32	20.47	20.36	20.30		

	GSM1900 Ant2	Default							
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		28.25	28.33	28.19	29.00	19.25	19.33	19.19	20.00
GPRS 1 Tx slot		28.23	28.28	28.13	29.00	19.23	19.28	19.13	20.00
GPRS 2 Tx slots		25.46	25.53	25.40	26.50	19.46	19.53	19.40	20.50
GPRS 3 Tx slots		23.98	24.13	24.00	25.00	19.72	19.87	19.74	20.74
GPRS 4 Tx slots		21.95	22.09	21.96	23.00	18.95	19.09	18.96	20.00
EDGE 1 Tx slot		23.59	23.64	23.61	24.50	14.59	14.64	14.61	15.50
EDGE 2 Tx slots		21.96	22.03	21.92	23.00	15.96	16.03	15.92	17.00
EDGE 3 Tx slots		20.78	20.85	20.70	21.50	16.52	16.59	16.44	17.24
EDGE 4 Tx slots		18.71	18.74	18.68	19.50	15.71	15.74	15.68	16.50

		DS3_Simultaneous WCDMA II Ant2				Default WCDMA IV Ant2			
Band		WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	20.58	20.67	20.52	21.70	21.42	21.44	21.37	22.80
3GPP Rel 99	RMC 12.2Kbps	20.63	20.70	20.56	21.70	21.47	21.53	21.44	22.80
3GPP Rel 6	HSDPA Subtest-1	19.85	19.92	19.61	20.70	20.57	20.66	20.52	21.80
3GPP Rel 6	HSDPA Subtest-2	19.81	19.89	19.75	20.70	20.47	20.61	20.43	21.80
3GPP Rel 6	HSDPA Subtest-3	19.20	19.37	19.29	20.20	19.91	20.04	19.95	21.30
3GPP Rel 6	HSDPA Subtest-4	19.28	19.38	19.28	20.20	19.98	20.06	20.05	21.30
3GPP Rel 8	DC-HSDPA Subtest-1	19.74	19.96	19.73	20.70	20.46	20.58	20.39	21.80
3GPP Rel 8	DC-HSDPA Subtest-2	19.58	19.58	19.58	20.70	20.29	20.37	20.31	21.80
3GPP Rel 8	DC-HSDPA Subtest-3	19.10	19.23	19.09	20.20	19.80	19.87	19.83	21.30
3GPP Rel 8	DC-HSDPA Subtest-4	19.12	19.14	19.14	20.20	19.78	19.90	19.84	21.30
3GPP Rel 6	HSUPA Subtest-1	19.80	19.94	19.96	20.70	20.49	20.65	20.60	21.80
3GPP Rel 6	HSUPA Subtest-2	17.82	17.80	17.69	18.70	18.46	18.49	18.39	19.80
3GPP Rel 6	HSUPA Subtest-3	18.85	18.89	18.82	19.70	19.49	19.51	19.48	20.80
3GPP Rel 6	HSUPA Subtest-4	17.61	17.78	17.64	18.70	18.38	18.44	18.33	19.80
3GPP Rel 6	HSUPA Subtest-5	19.77	19.79	19.79	20.70	20.46	20.53	20.49	21.80

Band 2 DSI3_Simultaneous Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	19.64	19.74	19.59	21.1	0
20	QPSK	1	49	19.55	19.63	19.48		
20	QPSK	1	99	19.66	19.58	19.52		
20	QPSK	50	0	19.49	19.65	19.57		
20	QPSK	50	24	19.41	19.57	19.44	21.1	0
20	QPSK	50	50	19.43	19.46	19.54		
20	QPSK	100	0	19.64	19.56	19.49		
20	16QAM	1	0	19.57	19.48	19.35		
20	16QAM	1	49	19.42	19.45	19.40	21.1	0
20	16QAM	1	99	19.47	19.52	19.44		
20	16QAM	50	0	19.53	19.54	19.52		
20	16QAM	50	24	19.40	19.63	19.44	21.1	0
20	16QAM	50	50	19.38	19.53	19.47		
20	16QAM	100	0	19.37	19.44	19.43		
20	64QAM	1	0	19.32	19.56	19.43		
20	64QAM	1	49	19.40	19.49	19.55	21.1	0
20	64QAM	1	99	19.42	19.50	19.46		
20	64QAM	50	0	19.48	19.55	19.39		
20	64QAM	50	24	19.47	19.54	19.36	21	0.1
20	64QAM	50	50	19.46	19.58	19.33		
20	64QAM	100	0	19.49	19.51	19.44		
20	256QAM	1	0	18.07	18.24	18.07		
20	256QAM	1	49	18.05	18.20	17.99	19	2.1
20	256QAM	1	99	18.02	18.08	18.02		
20	256QAM	50	0	18.01	18.11	17.98		
20	256QAM	50	24	17.86	17.96	17.86	19	2.1
20	256QAM	50	50	17.86	17.95	17.86		
20	256QAM	100	0	17.82	17.99	17.90		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	19.51	19.66	19.45	21.1	0
15	QPSK	1	37	19.44	19.57	19.43		
15	QPSK	1	74	19.50	19.44	19.48		
15	QPSK	36	0	19.41	19.61	19.52		
15	QPSK	36	20	19.31	19.47	19.34	21.1	0
15	QPSK	36	39	19.29	19.36	19.44		
15	QPSK	75	0	19.44	19.54	19.40		
15	16QAM	1	0	19.51	19.41	19.23		
15	16QAM	1	37	19.31	19.38	19.27	21.1	0
15	16QAM	1	74	19.40	19.44	19.36		
15	16QAM	36	0	19.47	19.47	19.43		
15	16QAM	36	20	19.32	19.58	19.31	21.1	0
15	16QAM	36	39	19.30	19.48	19.40		
15	16QAM	75	0	19.26	19.34	19.29		
15	64QAM	1	0	19.28	19.52	19.35		
15	64QAM	1	37	19.25	19.43	19.48	21.1	0
15	64QAM	1	74	19.31	19.35	19.36		
15	64QAM	36	0	19.35	19.43	19.32		
15	64QAM	36	20	19.42	19.41	19.32	21	0.1
15	64QAM	36	39	19.40	19.46	19.21		
15	64QAM	75	0	19.36	19.47	19.35		
15	256QAM	1	0	18.00	18.10	18.00		
15	256QAM	1	37	18.00	18.18	17.88	19	2.1
15	256QAM	1	74	17.96	17.99	17.92		
15	256QAM	36	0	17.93	18.00	17.88		
15	256QAM	36	20	17.71	17.91	17.82	19	2.1
15	256QAM	36	39	17.83	17.90	17.82		
15	256QAM	75	0	17.77	17.92	17.86		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	19.59	19.60	19.45	21.1	0
10	QPSK	1	25	19.48	19.52	19.42		
10	QPSK	1	49	19.44	19.52	19.42		
10	QPSK	25	0	19.37	19.52	19.52		
10	QPSK	25	12	19.28	19.45	19.40	21.1	0
10	QPSK	25	25	19.38	19.34	19.48		
10	QPSK	50	0	19.43	19.47	19.46		
10	16QAM	1	0	19.44	19.42	19.26		
10	16QAM	1	25	19.30	19.30	19.28	21.1	0
10	16QAM	1	49	19.37	19.38	19.30		
10	16QAM	25	0	19.41	19.50	19.38		
10	16QAM	25	12	19.25	19.49	19.30	21.1	0
10	16QAM	25	25	19.25	19.38	19.44		
10	16QAM	50	0	19.30	19.36	19.29		
10	64QAM	1	0	19.26	19.48	19.31		
10	64QAM	1	25	19.27	19.39	19.40	21.1	0
10	64QAM	1	49	19.28	19.46	19.39		
10	64QAM	25	0	19.35	19.34	19.34		
10	64QAM	25	12	19.35	19.40	19.27	21	0.1
10	64QAM	25	25	19.41	19.50	19.20		
10	64QAM	50	0	19.45	19.46	19.33		
10	256QAM	1	0	18.02	18.19	17.98		
10	256QAM	1	25	17.99	18.11	17.87	19	2.1
10	256QAM	1	49	17.94	18.01	17.97		
10	256QAM	25	0	17.96	18.06	17.83		
10	256QAM	25	12	17.78	17.96	17.81	19	2.1
10	256QAM	25	25	17.81	17.85	17.80		
10	256QAM	50	0	17.72	17.95	17.76		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	19.52	19.58	19.46	21.1	0
5	QPSK	1	12	19.47	19.56	19.43		
5	QPSK	1	24	19.53	19.47	19.48		
5	QPSK	12	0	19.44	19.59	19.47	21.1	0
5	QPSK	12	7	19.31	19.43	19.41		
5	QPSK	12	13	19.31	19.41	19.45		
5	QPSK	25	0	19.48	19.50	19.42		
5	16QAM	1	0	19.43	19.37	19.29	21.1	0
5	16QAM	1	12	19.37	19.34	19.36		
5	16QAM	1	24	19.34	19.46	19.30		
5	16QAM	12	0	19.42	19.39	19.43	21.1	0
5	16QAM	12	7	19.32	19.49	19.39		
5	16QAM	12	13	19.28	19.40	19.38		
5	16QAM	25	0	19.31	19.32	19.28		
5	64QAM	1	0	19.21	19.49	19.34	21.1	0
5	64QAM	1	12	19.26	19.38	19.41		
5	64QAM	1	24	19.37	19.36	19.40		
5	64QAM	12	0	19.43	19.43	19.35	21	0.1
5	64QAM	12	7	19.33	19.49	19.26		
5	64QAM	12	13	19.33	19.55	19.28		
5	64QAM	25	0	19.44	19.48	19.35		
5	256QAM	1	0	18.00	18.15	17.94	19	2.1
5	256QAM	1	12	18.01	18.16	17.92		
5	256QAM	1	24	17.93	17.96	17.91		
5	256QAM	12	0	17.92	18.03	17.86	19	2.1
5	256QAM	12	7	17.80	17.92	17.81		
5	256QAM	12	13	17.75	17.80	17.79		
5	256QAM	25	0	17.71	17.88	17.82		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	19.50	19.59	19.51	21.1	0
3	QPSK	1	8	19.46	19.59	19.39		
3	QPSK	1	14	19.43	19.50	19.41		
3	QPSK	8	0	19.36	19.59	19.49	21.1	0
3	QPSK	8	4	19.34	19.53	19.33		
3	QPSK	8	7	19.38	19.40	19.42		
3	QPSK	15	0	19.47	19.57	19.35		
3	16QAM	1	0	19.49	19.39	19.22	21.1	0
3	16QAM	1	8	19.35	19.39	19.27		
3	16QAM	1	14	19.43	19.47	19.37		
3	16QAM	8	0	19.46	19.50	19.43	21.1	0
3	16QAM	8	4	19.28	19.59	19.32		
3	16QAM	8	7	19.31	19.39	19.39		
3	16QAM	15	0	19.29	19.37	19.39		
3	64QAM	1	0	19.18	19.51	19.32	21.1	0
3	64QAM	1	8	19.26	19.38	19.47		
3	64QAM	1	14	19.38	19.43	19.37		
3	64QAM	8	0	19.40	19.50	19.35	21	0.1
3	64QAM	8	4	19.43	19.49	19.25		
3	64QAM	8	7	19.32	19.54	19.30		
3	64QAM	15	0	19.42	19.45	19.31		
3	256QAM	1	0	18.00	18.12	17.99	19	2.1
3	256QAM	1	8	18.00	18.13	17.89		
3	256QAM	1	14	17.93	17.98	17.95		
3	256QAM	8	0	17.92	18.07	17.94	19	2.1
3	256QAM	8	4	17.78	17.82	17.76		
3	256QAM	8	7	17.82	17.90	17.80		
3	256QAM	15	0	17.76	17.91	17.82		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	19.57	19.65	19.48	21.1	0
1.4	QPSK	1	3	19.45	19.51	19.40		
1.4	QPSK	1	5	19.43	19.47	19.45		
1.4	QPSK	3	0	19.45	19.52	19.48		
1.4	QPSK	3	1	19.32	19.47	19.40		
1.4	QPSK	3	3	19.35	19.33	19.42		
1.4	QPSK	6	0	19.46	19.55	19.41	21.1	0
1.4	16QAM	1	0	19.46	19.36	19.28	21.1	0
1.4	16QAM	1	3	19.30	19.31	19.25		
1.4	16QAM	1	5	19.43	19.45	19.36		
1.4	16QAM	3	0	19.39	19.47	19.46		
1.4	16QAM	3	1	19.31	19.52	19.36		
1.4	16QAM	3	3	19.27	19.39	19.42		
1.4	16QAM	6	0	19.33	19.35	19.29	21.1	0
1.4	64QAM	1	0	19.23	19.53	19.36	21.1	0
1.4	64QAM	1	3	19.32	19.45	19.49		
1.4	64QAM	1	5	19.37	19.40	19.35		
1.4	64QAM	3	0	19.36	19.45	19.27		
1.4	64QAM	3	1	19.35	19.50	19.26		
1.4	64QAM	3	3	19.37	19.52	19.30		
1.4	64QAM	6	0	19.36	19.38	19.30	21	0.1
1.4	256QAM	1	0	17.95	18.10	17.93	19	2.1
1.4	256QAM	1	3	17.95	18.18	17.89		
1.4	256QAM	1	5	17.92	17.97	17.97		
1.4	256QAM	3	0	17.97	17.96	17.84		
1.4	256QAM	3	1	17.83	17.91	17.72		
1.4	256QAM	3	3	17.81	17.89	17.77		
1.4	256QAM	6	0	17.71	17.92	17.78	19	2.1

Band 4 DSI3_Simultaneous Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	19.57	19.79	19.42	21.2	0
20	QPSK	1	49	19.34	19.63	19.46		
20	QPSK	1	99	19.37	19.49	19.32		
20	QPSK	50	0	19.43	19.64	19.35		
20	QPSK	50	24	19.46	19.55	19.48	21.2	0
20	QPSK	50	50	19.36	19.44	19.32		
20	QPSK	100	0	19.43	19.58	19.49		
20	16QAM	1	0	19.56	19.69	19.48		
20	16QAM	1	49	19.41	19.63	19.47	21.2	0
20	16QAM	1	99	19.26	19.49	19.36		
20	16QAM	50	0	19.51	19.72	19.66		
20	16QAM	50	24	19.39	19.53	19.51	21.2	0
20	16QAM	50	50	19.44	19.42	19.36		
20	16QAM	100	0	19.37	19.66	19.42		
20	64QAM	1	0	19.60	19.81	19.37		
20	64QAM	1	49	19.36	19.44	19.40	21.2	0
20	64QAM	1	99	19.39	19.46	19.43		
20	64QAM	50	0	19.34	19.49	19.34		
20	64QAM	50	24	19.22	19.37	19.31	21	0.2
20	64QAM	50	50	19.18	19.28	19.21		
20	64QAM	100	0	19.20	19.41	19.27		
20	256QAM	1	0	18.06	18.26	18.17		
20	256QAM	1	49	18.03	18.26	18.10	19	2.2
20	256QAM	1	99	18.05	18.06	18.00		
20	256QAM	50	0	17.94	18.15	18.02		
20	256QAM	50	24	17.96	17.99	17.98	19	2.2
20	256QAM	50	50	17.97	17.97	17.86		
20	256QAM	100	0	17.92	18.05	17.89		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	19.38	19.58	19.40	21.2	0
15	QPSK	1	37	19.26	19.43	19.23		
15	QPSK	1	74	19.21	19.48	19.22		
15	QPSK	36	0	19.46	19.48	19.43		
15	QPSK	36	20	19.36	19.44	19.21	21.2	0
15	QPSK	36	39	19.29	19.29	19.27		
15	QPSK	75	0	19.37	19.44	19.37		
15	16QAM	1	0	19.24	19.56	19.43	21.2	0
15	16QAM	1	37	19.40	19.43	19.33		
15	16QAM	1	74	19.22	19.43	19.30		
15	16QAM	36	0	19.37	19.58	19.51		
15	16QAM	36	20	19.24	19.38	19.42	21.2	0
15	16QAM	36	39	19.29	19.49	19.46		
15	16QAM	75	0	19.26	19.39	19.32		
15	64QAM	1	0	19.42	19.59	19.24		
15	64QAM	1	37	19.31	19.34	19.29	21.2	0
15	64QAM	1	74	19.21	19.43	19.43		
15	64QAM	36	0	19.19	19.47	19.12		
15	64QAM	36	20	19.01	19.26	19.07	21	0.2
15	64QAM	36	39	19.11	19.08	19.09		
15	64QAM	75	0	19.24	19.14	19.22		
15	256QAM	1	0	18.00	18.17	18.03		
15	256QAM	1	37	17.94	18.16	18.07	19	2.2
15	256QAM	1	74	17.90	17.96	17.95		
15	256QAM	36	0	17.81	18.01	17.92		
15	256QAM	36	20	17.83	17.88	17.94	19	2.2
15	256QAM	36	39	17.80	17.87	17.89		
15	256QAM	75	0	17.80	17.96	17.79		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	19.30	19.44	19.44	21.2	0
10	QPSK	1	25	19.32	19.37	19.28		
10	QPSK	1	49	19.37	19.44	19.28		
10	QPSK	25	0	19.20	19.61	19.42		
10	QPSK	25	12	19.37	19.28	19.29	21.2	0
10	QPSK	25	25	19.26	19.28	19.25		
10	QPSK	50	0	19.23	19.55	19.36		
10	16QAM	1	0	19.41	19.57	19.50		
10	16QAM	1	25	19.44	19.60	19.28	21.2	0
10	16QAM	1	49	19.27	19.29	19.33		
10	16QAM	25	0	19.50	19.58	19.60		
10	16QAM	25	12	19.35	19.46	19.29	21.2	0
10	16QAM	25	25	19.22	19.30	19.36		
10	16QAM	50	0	19.32	19.35	19.48		
10	64QAM	1	0	19.40	19.56	19.47		
10	64QAM	1	25	19.26	19.39	19.27	21.2	0
10	64QAM	1	49	19.25	19.41	19.27		
10	64QAM	25	0	19.30	19.25	19.24		
10	64QAM	25	12	19.08	19.18	19.15	21	0.2
10	64QAM	25	25	19.21	19.00	19.18		
10	64QAM	50	0	19.17	19.18	19.14		
10	256QAM	1	0	18.03	18.16	18.05		
10	256QAM	1	25	17.89	18.18	18.04	19	2.2
10	256QAM	1	49	17.94	17.91	17.90		
10	256QAM	25	0	17.83	18.02	17.91		
10	256QAM	25	12	17.87	17.84	17.89	19	2.2
10	256QAM	25	25	17.78	17.90	17.82		
10	256QAM	50	0	17.81	17.95	17.85		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	19.44	19.66	19.38	21.2	0
5	QPSK	1	12	19.32	19.36	19.37		
5	QPSK	1	24	19.42	19.43	19.33		
5	QPSK	12	0	19.41	19.53	19.44	21.2	0
5	QPSK	12	7	19.29	19.50	19.28		
5	QPSK	12	13	19.39	19.24	19.23		
5	QPSK	25	0	19.24	19.49	19.31		
5	16QAM	1	0	19.49	19.47	19.56	21.2	0
5	16QAM	1	12	19.30	19.61	19.29		
5	16QAM	1	24	19.28	19.45	19.30		
5	16QAM	12	0	19.29	19.60	19.47	21.2	0
5	16QAM	12	7	19.23	19.41	19.42		
5	16QAM	12	13	19.33	19.35	19.36		
5	16QAM	25	0	19.41	19.54	19.26		
5	64QAM	1	0	19.31	19.46	19.38	21.2	0
5	64QAM	1	12	19.46	19.45	19.23		
5	64QAM	1	24	19.24	19.43	19.29		
5	64QAM	12	0	19.31	19.20	19.36	21	0.2
5	64QAM	12	7	19.07	19.11	19.21		
5	64QAM	12	13	19.08	19.24	19.13		
5	64QAM	25	0	19.14	19.33	19.33		
5	256QAM	1	0	18.00	18.18	18.11	19	2.2
5	256QAM	1	12	17.88	18.18	18.04		
5	256QAM	1	24	17.95	17.95	17.89		
5	256QAM	12	0	17.87	18.03	17.90	19	2.2
5	256QAM	12	7	17.93	17.92	17.88		
5	256QAM	12	13	17.82	17.84	17.79		
5	256QAM	25	0	17.86	18.01	17.74		
Channel				19925	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	19.43	19.63	19.36	21.2	0
3	QPSK	1	8	19.27	19.30	19.21		
3	QPSK	1	14	19.34	19.43	19.26		
3	QPSK	8	0	19.31	19.64	19.36	21.2	0
3	QPSK	8	4	19.33	19.44	19.38		
3	QPSK	8	7	19.36	19.26	19.23		
3	QPSK	15	0	19.34	19.46	19.41		
3	16QAM	1	0	19.24	19.63	19.47	21.2	0
3	16QAM	1	8	19.38	19.41	19.34		
3	16QAM	1	14	19.37	19.43	19.43		
3	16QAM	8	0	19.41	19.61	19.37	21.2	0
3	16QAM	8	4	19.20	19.41	19.37		
3	16QAM	8	7	19.43	19.21	19.29		
3	16QAM	15	0	19.39	19.60	19.33		
3	64QAM	1	0	19.32	19.47	19.35	21.2	0
3	64QAM	1	8	19.43	19.37	19.28		
3	64QAM	1	14	19.29	19.39	19.24		
3	64QAM	8	0	19.24	19.46	19.21	21	0.2
3	64QAM	8	4	19.17	19.27	19.09		
3	64QAM	8	7	19.14	19.03	19.09		
3	64QAM	15	0	19.08	19.13	19.20		
3	256QAM	1	0	18.02	18.14	18.10	19	2.2
3	256QAM	1	8	17.91	18.17	17.96		
3	256QAM	1	14	17.99	17.94	17.97		
3	256QAM	8	0	17.81	18.00	17.91	19	2.2
3	256QAM	8	4	17.88	17.93	17.90		
3	256QAM	8	7	17.83	17.83	17.82		
3	256QAM	15	0	17.82	17.92	17.82		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	19.52	19.48	19.44	21.2	0
1.4	QPSK	1	3	19.30	19.46	19.34		
1.4	QPSK	1	5	19.24	19.52	19.28		
1.4	QPSK	3	0	19.36	19.51	19.29		
1.4	QPSK	3	1	19.30	19.39	19.20		
1.4	QPSK	3	3	19.44	19.20	19.25		
1.4	QPSK	6	0	19.35	19.51	19.35	21.2	0
1.4	16QAM	1	0	19.33	19.71	19.37	21.2	0
1.4	16QAM	1	3	19.45	19.61	19.45		
1.4	16QAM	1	5	19.34	19.55	19.32		
1.4	16QAM	3	0	19.53	19.60	19.51		
1.4	16QAM	3	1	19.32	19.36	19.36		
1.4	16QAM	3	3	19.29	19.35	19.37		
1.4	16QAM	6	0	19.49	19.48	19.33	21.2	0
1.4	64QAM	1	0	19.55	19.61	19.46	21.2	0
1.4	64QAM	1	3	19.36	19.44	19.29		
1.4	64QAM	1	5	19.32	19.40	19.32		
1.4	64QAM	3	0	19.32	19.38	19.43		
1.4	64QAM	3	1	19.51	19.55	19.23		
1.4	64QAM	3	3	19.33	19.30	19.29		
1.4	64QAM	6	0	19.14	19.23	19.02	21	0.2
1.4	256QAM	1	0	18.02	18.18	18.09	19	2.2
1.4	256QAM	1	3	17.94	18.16	17.97		
1.4	256QAM	1	5	18.01	17.97	17.94		
1.4	256QAM	3	0	17.84	18.11	17.95		
1.4	256QAM	3	1	17.93	17.94	17.92		
1.4	256QAM	3	3	17.75	17.92	17.82		
1.4	256QAM	6	0	17.88	17.90	17.82	19	2.2

Band 5 Default Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.11	22.16	22.07	23	0
10	QPSK	1	25	21.94	22.03	21.89		
10	QPSK	1	49	21.85	22.06	21.78		
10	QPSK	25	0	21.94	22.15	21.96		
10	QPSK	25	12	21.85	22.00	21.88	23	0
10	QPSK	25	25	21.93	21.86	21.84		
10	QPSK	50	0	21.97	22.06	21.95		
10	16QAM	1	0	21.97	22.14	22.07		
10	16QAM	1	25	21.93	22.14	21.92	23	0
10	16

Band 12 Default Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	22.51	22.59	22.50	24	0
10	QPSK	1	25	22.40	22.42	22.31		
10	QPSK	1	49	22.26	22.40	22.18		
10	QPSK	25	0	22.40	22.55	22.40	24	0
10	QPSK	25	12	22.30	22.45	22.27		
10	QPSK	25	25	22.29	22.32	22.24		
10	QPSK	50	0	22.34	22.41	22.37		
10	16QAM	1	0	22.41	22.51	22.53	24	0
10	16QAM	1	25	22.39	22.52	22.38		
10	16QAM	1	49	22.18	22.40	22.39		
10	16QAM	25	0	22.51	22.52	22.54	24	0
10	16QAM	25	12	22.29	22.41	22.35		
10	16QAM	25	25	22.27	22.36	22.30		
10	16QAM	50	0	22.40	22.51	22.38		
10	64QAM	1	0	22.40	22.44	22.34	24	0
10	64QAM	1	25	22.39	22.41	22.32		
10	64QAM	1	49	22.14	22.41	22.29		
10	64QAM	25	0	21.24	21.36	21.17	22.5	1.5
10	64QAM	25	12	21.13	21.21	21.06		
10	64QAM	25	25	21.09	21.06	21.04		
10	64QAM	50	0	21.25	21.30	21.19		
10	256QAM	1	0	19.32	19.60	19.48	21	3
10	256QAM	1	25	19.35	19.58	19.51		
10	256QAM	1	49	19.34	19.36	19.43		
10	256QAM	25	0	19.24	19.45	19.44	21	3
10	256QAM	25	12	19.34	19.28	19.32		
10	256QAM	25	25	19.12	19.28	19.19		
10	256QAM	50	0	19.26	19.33	19.17		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.43	22.48	22.39	24	0
5	QPSK	1	12	22.33	22.28	22.20		
5	QPSK	1	24	22.14	22.40	22.04		
5	QPSK	12	0	22.29	22.50	22.37	24	0
5	QPSK	12	7	22.25	22.31	22.15		
5	QPSK	12	13	22.24	22.26	22.17		
5	QPSK	25	0	22.22	22.27	22.32		
5	16QAM	1	0	22.35	22.48	22.38	24	0
5	16QAM	1	12	22.25	22.45	22.27		
5	16QAM	1	24	22.08	22.30	22.33		
5	16QAM	12	0	22.47	22.43	22.51	24	0
5	16QAM	12	7	22.18	22.28	22.25		
5	16QAM	12	13	22.15	22.25	22.24		
5	16QAM	25	0	22.37	22.43	22.23		
5	64QAM	1	0	22.25	22.39	22.29	24	0
5	64QAM	1	12	22.29	22.37	22.28		
5	64QAM	1	24	22.05	22.32	22.21		
5	64QAM	12	0	21.17	21.31	21.05	22.5	1.5
5	64QAM	12	7	21.02	21.15	20.97		
5	64QAM	12	13	21.02	20.92	20.89		
5	64QAM	25	0	21.13	21.16	21.15		
5	256QAM	1	0	19.21	19.48	19.38	21	3
5	256QAM	1	12	19.20	19.48	19.48		
5	256QAM	1	24	19.25	19.28	19.33		
5	256QAM	12	0	19.11	19.35	19.38	21	3
5	256QAM	12	7	19.20	19.15	19.26		
5	256QAM	12	13	19.02	19.20	19.12		
5	256QAM	25	0	19.12	19.22	19.09		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.40	22.52	22.46	24	0
3	QPSK	1	8	22.33	22.37	22.26		
3	QPSK	1	14	22.11	22.43	22.08		
3	QPSK	8	0	22.32	22.48	22.29	24	0
3	QPSK	8	4	22.19	22.34	22.21		
3	QPSK	8	7	22.21	22.18	22.11		
3	QPSK	15	0	22.21	22.37	22.25		
3	16QAM	1	0	22.26	22.39	22.46	24	0
3	16QAM	1	8	22.31	22.38	22.32		
3	16QAM	1	14	22.05	22.26	22.32		
3	16QAM	8	0	22.37	22.41	22.40	24	0
3	16QAM	8	4	22.18	22.33	22.29		
3	16QAM	8	7	22.13	22.29	22.16		
3	16QAM	15	0	22.36	22.39	22.25		
3	64QAM	1	0	22.27	22.31	22.21	24	0
3	64QAM	1	8	22.34	22.38	22.28		
3	64QAM	1	14	22.06	22.28	22.20		
3	64QAM	8	0	21.12	21.27	21.02	22.5	1.5
3	64QAM	8	4	21.04	21.12	20.95		
3	64QAM	8	7	20.98	21.00	20.99		
3	64QAM	15	0	21.19	21.24	21.12		
3	256QAM	1	0	19.29	19.45	19.41	21	3
3	256QAM	1	8	19.27	19.51	19.37		
3	256QAM	1	14	19.24	19.31	19.35		
3	256QAM	8	0	19.10	19.31	19.36	21	3
3	256QAM	8	4	19.24	19.15	19.17		
3	256QAM	8	7	19.09	19.23	19.09		
3	256QAM	15	0	19.20	19.26	19.12		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.41	22.54	22.38	24	0
1.4	QPSK	1	3	22.30	22.28	22.27		
1.4	QPSK	1	5	22.20	22.42	22.04		
1.4	QPSK	3	0	22.34	22.50	22.28		
1.4	QPSK	3	1	22.20	22.39	22.23		
1.4	QPSK	3	3	22.17	22.20	22.20		
1.4	QPSK	6	0	22.23	22.34	22.32	24	0
1.4	16QAM	1	0	22.32	22.45	22.40	24	0
1.4	16QAM	1	3	22.28	22.47	22.25		
1.4	16QAM	1	5	22.04	22.37	22.33		
1.4	16QAM	3	0	22.47	22.47	22.40		
1.4	16QAM	3	1	22.25	22.31	22.25		
1.4	16QAM	3	3	22.17	22.32	22.26		
1.4	16QAM	6	0	22.26	22.43	22.35	24	0
1.4	64QAM	1	0	22.35	22.37	22.29	24	0
1.4	64QAM	1	3	22.25	22.29	22.26		
1.4	64QAM	1	5	22.01	22.33	22.19		
1.4	64QAM	3	0	22.38	22.38	22.40		
1.4	64QAM	3	1	22.16	22.32	22.22		
1.4	64QAM	3	3	22.15	22.29	22.21		
1.4	64QAM	6	0	21.19	21.29	21.11	22.5	1.5
1.4	256QAM	1	0	19.26	19.57	19.36	21	3
1.4	256QAM	1	3	19.22	19.55	19.47		
1.4	256QAM	1	5	19.26	19.22	19.35		
1.4	256QAM	3	0	19.10	19.34	19.30		
1.4	256QAM	3	1	19.21	19.18	19.19		
1.4	256QAM	3	3	19.08	19.20	19.14		
1.4	256QAM	6	0	19.17	19.23	19.09	21	3

Band 13 Default Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		22.53		24	0
10	QPSK	1	25		22.40			
10	QPSK	1	49		22.43			
10	QPSK	25	0		22.45		24	0
10	QPSK	25	12		22.35			
10	QPSK	25	25		22.26			
10	QPSK	50	0		22.32			
10	16QAM	1	0		22.48		24	0
10	16QAM	1	25		22.47			
10	16QAM	1	49		22.40			
10	16QAM	25	0		22.44		24	0
10	16QAM	25	12		22.35			
10	16QAM	25	25		22.26			
10	16QAM	50	0		22.45			
10	64QAM	1	0		22.38		24	0
10	64QAM	1	25		22.42			
10	64QAM	1	49		22.41			
10	64QAM	25	0		21.30		22.5	1.5
10	64QAM	25	12		21.20			
10	64QAM	25	25		21.04			
10	64QAM	50	0		21.26			
10	256QAM	1	0		19.60		21	3
10	256QAM	1	25		19.59			
10	256QAM	1	49		19.30			
10	256QAM	25	0		19.42		21	3
10	256QAM	25	12		19.26			
10	256QAM	25	25		19.24			
10	256QAM	50	0		19.28			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.47	22.50	22.44	24	0
5	QPSK	1	12	22.33	22.35	22.39		
5	QPSK	1	24	22.34	22.44	22.44		
5	QPSK	12	0	22.41	22.37	22.40	24	0
5	QPSK	12	7	22.25	22.26	22.28		
5	QPSK	12	13	22.23	22.21	22.21		
5	QPSK	25	0	22.22	22.30	22.30		
5	16QAM	1	0	22.42	22.46	22.43	24	0
5	16QAM	1	12	22.38	22.44	22.46		
5	16QAM	1	24	22.34	22.33	22.41		
5	16QAM	12	0	22.41	22.41	22.40	24	0
5	16QAM	12	7	22.31	22.33	22.31		
5	16QAM	12	13	22.17	22.25	22.19		
5	16QAM	25	0	22.41	22.47	22.46		
5	64QAM	1	0	22.31	22.30	22.29	24	0
5	64QAM	1	12	22.37	22.42	22.35		
5	64QAM	1	24	22.33	22.32	22.35		
5	64QAM	12	0	21.28	21.27	21.25	22.5	1.5
5	64QAM	12	7	21.11	21.20	21.17		
5	64QAM	12	13	20.96	20.97	21.01		
5	64QAM	25	0	21.17	21.25	21.28		
5	256QAM	1	0	19.52	19.51	19.53	21	3
5	256QAM	1	12	19.49	19.53	19.50		
5	256QAM	1	24	19.25	19.29	19.24		
5	256QAM	12	0	19.36	19.43	19.35	21	3
5	256QAM	12	7	19.22	19.24	19.26		
5	256QAM	12	13	19.17	19.20	19.17		
5	256QAM	25	0	19.27	19.18	19.30		

Band 14 Default Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23330			
Frequency (MHz)					793			
10	QPSK	1	0		22.62		24	0
10	QPSK	1	25		22.47			
10	QPSK	1	49		22.51			
10	QPSK	25	0		22.50		24	0
10	QPSK	25	12		22.36			
10	QPSK	25	25		22.35			
10	QPSK	50	0		22.44			
10	16QAM	1	0		22.49		24	0
10	16QAM	1	25		22.48			
10	16QAM	1	49		22.49			
10	16QAM	25	0		22.52		24	0
10	16QAM	25	12		22.41			
10	16QAM	25	25		22.28			
10	16QAM	50	0		22.56			
10	64QAM	1	0		22.41		24	0
10	64QAM	1	25		22.49			
10	64QAM	1	49		22.45			
10	64QAM	25	0		21.32		22.5	1.5
10	64QAM	25	12		21.22			
10	64QAM	25	25		21.08			
10	64QAM	50	0		21.29			
10	256QAM	1	0		19.62		21	3
10	256QAM	1	25		19.68			
10	256QAM	1	49		19.31			
10	256QAM	25	0		19.48		21	3
10	256QAM	25	12		19.29			
10	256QAM	25	25		19.33			
10	256QAM	50	0		19.37			
Channel				23305	23330	23355	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	0	22.51	22.57	22.47	24	0
5	QPSK	1	12	22.32	22.33	22.36		
5	QPSK	1	24	22.45	22.42	22.46		
5	QPSK	12	0	22.39	22.43	22.41	24	0
5	QPSK	12	7	22.27	22.30	22.31		
5	QPSK	12	13	22.30	22.23	22.25		
5	QPSK	25	0	22.32	22.37	22.37		
5	16QAM	1	0	22.41	22.37	22.40	24	0
5	16QAM	1	12	22.39	22.38	22.39		
5	16QAM	1	24	22.44	22.44	22.41		
5	16QAM	12	0	22.43	22.48	22.49	24	0
5	16QAM	12	7	22.27	22.28	22.35		
5	16QAM	12	13	22.18	22.21	22.25		
5	16QAM	25	0	22.42	22.48	22.50		
5	64QAM	1	0	22.28	22.37	22.28	24	0
5	64QAM	1	12	22.41	22.40	22.45		
5	64QAM	1	24	22.38	22.41	22.39		
5	64QAM	12	0	21.21	21.27	21.20	22.5	1.5
5	64QAM	12	7	21.08	21.18	21.13		
5	64QAM	12	13	21.01	21.02	21.02		
5	64QAM	25	0	21.16	21.15	21.18		
5	256QAM	1	0	19.51	19.52	19.57	21	3
5	256QAM	1	12	19.64	19.60	19.58		
5	256QAM	1	24	19.21	19.16	19.27		
5	256QAM	12	0	19.44	19.33	19.34	21	3
5	256QAM	12	7	19.20	19.22	19.14		
5	256QAM	12	13	19.21	19.29	19.20		
5	256QAM	25	0	19.31	19.33	19.24		

Band 17 Default Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	22.45	22.48	22.41	24	0
10	QPSK	1	25	22.38	22.29	22.34		
10	QPSK	1	49	22.31	22.34	22.40		
10	QPSK	25	0	22.35	22.39	22.31	24	0
10	QPSK	25	12	22.18	22.24	22.23		
10	QPSK	25	25	22.21	22.23	22.17		
10	QPSK	50	0	22.29	22.31	22.24		
10	16QAM	1	0	22.30	22.35	22.32	24	0
10	16QAM	1	25	22.28	22.38	22.39		
10	16QAM	1	49	22.17	22.31	22.30		
10	16QAM	25	0	22.34	22.42	22.32	24	0
10	16QAM	25	12	22.32	22.22	22.31		
10	16QAM	25	25	22.13	22.10	22.08		
10	16QAM	50	0	22.36	22.41	22.43		
10	64QAM	1	0	22.27	22.30	22.32	24	0
10	64QAM	1	25	22.31	22.35	22.33		
10	64QAM	1	49	22.30	22.35	22.27		
10	64QAM	25	0	21.21	21.20	21.23	22.5	1.5
10	64QAM	25	12	21.05	21.11	21.05		
10	64QAM	25	25	20.89	20.96	20.98		
10	64QAM	50	0	21.21	21.13	21.12		
10	256QAM	1	0	19.46	19.48	19.43	21	3
10	256QAM	1	25	19.60	19.57	19.50		
10	256QAM	1	49	19.23	19.32	19.27		
10	256QAM	25	0	19.33	19.30	19.34	21	3
10	256QAM	25	12	19.10	19.20	19.21		
10	256QAM	25	25	19.14	19.16	19.20		
10	256QAM	50	0	19.19	19.17	19.28		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.39	22.45	22.29	24	0
5	QPSK	1	12	22.34	22.16	22.20		
5	QPSK	1	24	22.17	22.26	22.32		
5	QPSK	12	0	22.27	22.28	22.17	24	0
5	QPSK	12	7	22.08	22.12	22.12		
5	QPSK	12	13	22.16	22.15	22.04		
5	QPSK	25	0	22.20	22.21	22.14		
5	16QAM	1	0	22.21	22.26	22.18	24	0
5	16QAM	1	12	22.28	22.25	22.27		
5	16QAM	1	24	22.27	22.24	22.28		
5	16QAM	12	0	22.25	22.28	22.23	24	0
5	16QAM	12	7	22.19	22.12	22.24		
5	16QAM	12	13	22.08	22.01	22.01		
5	16QAM	25	0	22.21	22.34	22.31		
5	64QAM	1	0	22.22	22.19	22.19	24	0
5	64QAM	1	12	22.24	22.29	22.25		
5	64QAM	1	24	22.27	22.23	22.18		
5	64QAM	12	0	21.14	21.08	21.11	22.5	1.5
5	64QAM	12	7	20.99	21.00	20.95		
5	64QAM	12	13	20.83	20.84	20.85		
5	64QAM	25	0	21.12	21.00	20.99		
5	256QAM	1	0	19.33	19.39	19.36	21	3
5	256QAM	1	12	19.53	19.47	19.35		
5	256QAM	1	24	19.09	19.19	19.24		
5	256QAM	12	0	19.26	19.21	19.24	21	3
5	256QAM	12	7	18.96	19.12	19.10		
5	256QAM	12	13	19.07	19.06	19.06		
5	256QAM	25	0	19.08	19.04	19.19		

Band 25 DSI3_Simultaneous Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	19.78	19.81	19.66	21.1	0
20	QPSK	1	49	19.73	19.76	19.65		
20	QPSK	1	99	19.64	19.75	19.58		
20	QPSK	50	0	19.54	19.72	19.64	21.1	0
20	QPSK	50	24	19.55	19.65	19.58		
20	QPSK	50	50	19.62	19.57	19.65		
20	QPSK	100	0	19.49	19.69	19.56		
20	16QAM	1	0	19.70	19.61	19.47	21.1	0
20	16QAM	1	49	19.50	19.55	19.54		
20	16QAM	1	99	19.59	19.53	19.53		
20	16QAM	50	0	19.54	19.72	19.58	21.1	0
20	16QAM	50	24	19.44	19.66	19.65		
20	16QAM	50	50	19.50	19.67	19.60		
20	16QAM	100	0	19.47	19.59	19.59		
20	64QAM	1	0	19.47	19.63	19.51	21.1	0
20	64QAM	1	49	19.55	19.55	19.57		
20	64QAM	1	99	19.47	19.67	19.47		
20	64QAM	50	0	19.57	19.69	19.59	21.1	0
20	64QAM	50	24	19.57	19.60	19.52		
20	64QAM	50	50	19.45	19.63	19.50		
20	64QAM	100	0	19.54	19.68	19.56		
20	256QAM	1	0	19.52	19.66	19.51	21	0.1
20	256QAM	1	49	19.56	19.57	19.41		
20	256QAM	1	99	19.40	19.31	19.56		
20	256QAM	50	0	19.47	19.74	19.47	21	0.1
20	256QAM	50	24	19.48	19.39	19.46		
20	256QAM	50	50	19.28	19.41	19.35		
20	256QAM	100	0	19.44	19.69	19.34		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	19.68	19.76	19.58	21.1	0
15	QPSK	1	37	19.58	19.68	19.62		
15	QPSK	1	74	19.51	19.70	19.54		
15	QPSK	36	0	19.47	19.66	19.56	21.1	0
15	QPSK	36	20	19.44	19.58	19.45		
15	QPSK	36	39	19.53	19.53	19.61		
15	QPSK	75	0	19.43	19.59	19.47		
15	16QAM	1	0	19.56	19.51	19.37	21.1	0
15	16QAM	1	37	19.45	19.44	19.49		
15	16QAM	1	74	19.49	19.42	19.45		
15	16QAM	36	0	19.45	19.67	19.46	21.1	0
15	16QAM	36	20	19.35	19.56	19.50		
15	16QAM	36	39	19.46	19.57	19.55		
15	16QAM	75	0	19.36	19.49	19.47		
15	64QAM	1	0	19.37	19.48	19.43	21.1	0
15	64QAM	1	37	19.46	19.47	19.50		
15	64QAM	1	74	19.44	19.58	19.38		
15	64QAM	36	0	19.50	19.54	19.46	21.1	0
15	64QAM	36	20	19.43	19.53	19.42		
15	64QAM	36	39	19.37	19.50	19.37		
15	64QAM	75	0	19.43	19.60	19.53		
15	256QAM	1	0	19.39	19.59	19.40	21	0.1
15	256QAM	1	37	19.42	19.67	19.42		
15	256QAM	1	74	19.39	19.50	19.45		
15	256QAM	36	0	19.62	19.67	19.54	21	0.1
15	256QAM	36	20	19.39	19.53	19.52		
15	256QAM	36	39	19.35	19.55	19.44		
15	256QAM	75	0	19.47	19.66	19.35		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	19.64	19.68	19.63	21.1	0
10	QPSK	1	25	19.65	19.67	19.57		
10	QPSK	1	49	19.50	19.61	19.50		
10	QPSK	25	0	19.46	19.63	19.61	21.1	0
10	QPSK	25	12	19.41	19.52	19.54		
10	QPSK	25	25	19.52	19.52	19.50		
10	QPSK	50	0	19.45	19.62	19.52		
10	16QAM	1	0	19.62	19.55	19.37	21.1	0
10	16QAM	1	25	19.40	19.48	19.46		
10	16QAM	1	49	19.54	19.48	19.45		
10	16QAM	25	0	19.48	19.63	19.45	21.1	0
10	16QAM	25	12	19.40	19.52	19.51		
10	16QAM	25	25	19.47	19.56	19.54		
10	16QAM	50	0	19.41	19.45	19.45		
10	64QAM	1	0	19.41	19.59	19.41	21.1	0
10	64QAM	1	25	19.50	19.50	19.42		
10	64QAM	1	49	19.37	19.55	19.32		
10	64QAM	25	0	19.49	19.61	19.54	21.1	0
10	64QAM	25	12	19.48	19.47	19.49		
10	64QAM	25	25	19.34	19.51	19.45		
10	64QAM	50	0	19.44	19.54	19.42		
10	256QAM	1	0	19.37	19.55	19.39	21	0.1
10	256QAM	1	25	19.40	19.59	19.54		
10	256QAM	1	49	19.39	19.41	19.52		
10	256QAM	25	0	19.42	19.57	19.54	21	0.1
10	256QAM	25	12	19.51	19.60	19.37		
10	256QAM	25	25	19.35	19.40	19.46		
10	256QAM	50	0	19.44	19.71	19.42		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	19.69	19.78	19.59	21.1	0
5	QPSK	1	12	19.68	19.65	19.56		
5	QPSK	1	24	19.55	19.61	19.44		
5	QPSK	12	0	19.48	19.62	19.53	21.1	0
5	QPSK	12	7	19.51	19.62	19.46		
5	QPSK	12	13	19.51	19.44	19.51		
5	QPSK	25	0	19.42	19.55	19.45		
5	16QAM	1	0	19.56	19.47	19.33	21.1	0
5	16QAM	1	12	19.44	19.44	19.42		
5	16QAM	1	24	19.47	19.38	19.45		
5	16QAM	12	0	19.47	19.63	19.44	21.1	0
5	16QAM	12	7	19.33	19.54	19.57		
5	16QAM	12	13	19.44	19.62	19.53		
5	16QAM	25	0	19.38	19.56	19.52		
5	64QAM	1	0	19.40	19.48	19.40	21.1	0
5	64QAM	1	12	19.42	19.45	19.42		
5	64QAM	1	24	19.41	19.52	19.35		
5	64QAM	12	0	19.48	19.57	19.54	21.1	0
5	64QAM	12	7	19.47	19.52	19.37		
5	64QAM	12	13	19.36	19.51	19.40		
5	64QAM	25	0	19.40	19.65	19.46		
5	256QAM	1	0	19.53	19.58	19.42	21	0.1
5	256QAM	1	12	19.53	19.71	19.44		
5	256QAM	1	24	19.45	19.41	19.58		
5	256QAM	12	0	19.48	19.57	19.45	21	0.1
5	256QAM	12	7	19.53	19.38	19.55		
5	256QAM	12	13	19.23	19.54	19.37		
5	256QAM	25	0	19.36	19.48	19.45		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	19.66	19.71	19.59	21.1	0
3	QPSK	1	8	19.61	19.67	19.52		
3	QPSK	1	14	19.51	19.60	19.50		
3	QPSK	8	0	19.40	19.59	19.59	21.1	0
3	QPSK	8	4	19.51	19.57	19.52		
3	QPSK	8	7	19.55	19.51	19.54		
3	QPSK	15	0	19.39	19.54	19.52		
3	16QAM	1	0	19.61	19.46	19.33	21.1	0
3	16QAM	1	8	19.40	19.45	19.50		
3	16QAM	1	14	19.52	19.39	19.41		
3	16QAM	8	0	19.40	19.60	19.47	21.1	0
3	16QAM	8	4	19.39	19.56	19.61		
3	16QAM	8	7	19.42	19.63	19.46		
3	16QAM	15	0	19.43	19.45	19.54		
3	64QAM	1	0	19.35	19.51	19.48	21.1	0
3	64QAM	1	8	19.51	19.48	19.47		
3	64QAM	1	14	19.34	19.54	19.34		
3	64QAM	8	0	19.46	19.61	19.55	21.1	0
3	64QAM	8	4	19.53	19.53	19.47		
3	64QAM	8	7	19.31	19.48	19.35		
3	64QAM	15	0	19.51	19.60	19.42		
3	256QAM	1	0	19.34	19.58	19.43	21	0.1
3	256QAM	1	8	19.48	19.56	19.45		
3	256QAM	1	14	19.28	19.39	19.52		
3	256QAM	8	0	19.50	19.57	19.58	21	0.1
3	256QAM	8	4	19.40	19.48	19.37		
3	256QAM	8	7	19.21	19.50	19.26		
3	256QAM	15	0	19.54	19.48	19.51		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	19.65	19.72	19.63	21.1	0
1.4	QPSK	1	3	19.63	19.63	19.55		
1.4	QPSK	1	5	19.60	19.66	19.49		
1.4	QPSK	3	0	19.44	19.65	19.58		
1.4	QPSK	3	1	19.46	19.59	19.45		
1.4	QPSK	3	3	19.55	19.46	19.51		
1.4	QPSK	6	0	19.38	19.60	19.45	21.1	0
1.4	16QAM	1	0	19.55	19.54	19.41	21.1	0
1.4	16QAM	1	3	19.45	19.40	19.41		
1.4	16QAM	1	5	19.52	19.47	19.41		
1.4	16QAM	3	0	19.46	19.57	19.52		
1.4	16QAM	3	1	19.34	19.52	19.58		
1.4	16QAM	3	3	19.44	19.54	19.49		
1.4	16QAM	6	0	19.38	19.51	19.55	21.1	0
1.4	64QAM	1	0	19.35	19.60	19.40	21.1	0
1.4	64QAM	1	3	19.43	19.44	19.45		
1.4	64QAM	1	5	19.40	19.62	19.35		
1.4	64QAM	3	0	19.43	19.55	19.46		
1.4	64QAM	3	1	19.49	19.50	19.38		
1.4	64QAM	3	3	19.36	19.53	19.38		
1.4	64QAM	6	0	19.48	19.62	19.52	21	0.1
1.4	256QAM	1	0	19.38	19.65	19.37	19	2.1
1.4	256QAM	1	3	19.35	19.53	19.49		
1.4	256QAM	1	5	19.22	19.28	19.29		
1.4	256QAM	3	0	19.41	19.53	19.36		
1.4	256QAM	3	1	19.33	19.46	19.33		
1.4	256QAM	3	3	19.16	19.39	19.13		
1.4	256QAM	6	0	19.52	19.46	19.22	19	2.1

Band 26 Default Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	22.20	22.24	22.17	23	0
15	QPSK	1	37	22.18	22.07	22.14		
15	QPSK	1	74	22.03	22.10	22.05		
15	QPSK	36	0	22.16	22.20	22.05	23	0
15	QPSK	36	20	21.94	21.95	21.99		
15	QPSK	36	39	21.92	21.94	21.91		
15	QPSK	75	0	21.99	22.05	22.02		
15	16QAM	1	0	22.09	22.08	22.10	23	0
15	16QAM	1	37	22.09	22.18	22.18		
15	16QAM	1	74	21.99	22.01	22.10		
15	16QAM	36	0	22.06	22.19	22.06	23	0
15	16QAM	36	20	22.02	22.02	22.06		
15	16QAM	36	39	21.88	21.91	21.87		
15	16QAM	75	0	22.06	22.12	22.04		
15	64QAM	1	0	21.97	22.02	22.07	23	0
15	64QAM	1	37	22.09	22.09	22.04		
15	64QAM	1	74	22.05	22.17	22.05		
15	64QAM	36	0	20.94	21.00	20.97	22	1
15	64QAM	36	20	20.76	20.88	20.87		
15	64QAM	36	39	20.65	20.78	20.80		
15	64QAM	75	0	20.86	20.93	20.78		
15	256QAM	1	0	19.22	19.23	19.24	20	3
15	256QAM	1	37	19.38	19.35	19.25		
15	256QAM	1	74	19.11	19.14	19.06		
15	256QAM	36	0	19.14	19.08	19.14	20	3
15	256QAM	36	20	18.91	18.99	19.02		
15	256QAM	36	39	18.88	18.97	18.99		
15	256QAM	75	0	18.98	18.93	19.05		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.14	22.20	22.10	23	0
10	QPSK	1	25	22.12	22.03	22.08		
10	QPSK	1	49	21.90	21.98	21.99		
10	QPSK	25	0	22.12	22.12	21.96	23	0
10	QPSK	25	12	21.86	21.92	21.90		
10	QPSK	25	25	21.83	21.84	21.81		
10	QPSK	50	0	21.94	21.95	21.92		
10	16QAM	1	0	22.04	22.01	22.05	23	0
10	16QAM	1	25	22.03	22.09	22.09		
10	16QAM	1	49	21.88	21.87	21.98		
10	16QAM	25	0	21.93	22.07	21.96	23	0
10	16QAM	25	12	21.98	21.89	21.94		
10	16QAM	25	25	21.83	21.80	21.82		
10	16QAM	50	0	21.95	21.99	21.90		
10	64QAM	1	0	21.83	21.93	22.00	23	0
10	64QAM	1	25	21.99	22.01	21.90		
10	64QAM	1	49	21.92	22.04	21.97		
10	64QAM	25	0	20.89	20.93	20.87	22	1
10	64QAM	25	12	20.69	20.82	20.75		
10	64QAM	25	25	20.51	20.72	20.71		
10	64QAM	50	0	20.83	20.76	20.79		
10	256QAM	1	0	19.09	19.18	19.17	20	3
10	256QAM	1	25	19.30	19.28	19.20		
10	256QAM	1	49	19.06	19.01	19.00		
10	256QAM	25	0	19.11	19.02	19.01	20	3
10	256QAM	25	12	18.76	18.86	18.97		
10	256QAM	25	25	18.76	18.91	18.88		
10	256QAM	50	0	18.94	18.80	19.01		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.12	22.13	22.13	23	0
5	QPSK	1	12	22.08	22.00	22.02		
5	QPSK	1	24	21.90	22.01	21.92		
5	QPSK	12	0	22.10	22.11	21.98	23	0
5	QPSK	12	7	21.86	21.90	21.90		
5	QPSK	12	13	21.82	21.90	21.83		
5	QPSK	25	0	21.86	21.96	21.90		
5	16QAM	1	0	21.96	22.04	21.99	23	0
5	16QAM	1	12	21.96	22.14	22.14		
5	16QAM	1	24	21.87	21.96	22.06		
5	16QAM	12	0	22.00	22.07	21.92	23	0
5	16QAM	12	7	21.96	21.96	21.97		
5	16QAM	12	13	21.82	21.85	21.77		
5	16QAM	25	0	22.03	22.05	22.00		
5	64QAM	1	0	21.86	21.95	22.01	23	0
5	64QAM	1	12	21.97	21.98	21.90		
5	64QAM	1	24	22.00	22.03	22.02		
5	64QAM	12	0	20.84	20.91	20.82	22	1
5	64QAM	12	7	20.71	20.76	20.84		
5	64QAM	12	13	20.53	20.73	20.71		
5	64QAM	25	0	20.90	20.78	20.77		
5	256QAM	1	0	19.17	19.18	19.09	20	3
5	256QAM	1	12	19.31	19.31	19.18		
5	256QAM	1	24	18.97	19.07	19.01		
5	256QAM	12	0	19.03	18.96	19.03	20	3
5	256QAM	12	7	18.78	18.87	18.88		
5	256QAM	12	13	18.78	18.93	18.93		
5	256QAM	25	0	18.94	18.78	18.97		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.11	22.11	22.09	23	0
3	QPSK	1	8	22.09	22.01	22.09		
3	QPSK	1	14	21.94	22.06	21.91		
3	QPSK	8	0	22.04	22.07	21.99	23	0
3	QPSK	8	4	21.83	21.90	21.92		
3	QPSK	8	7	21.78	21.90	21.87		
3	QPSK	15	0	21.87	21.94	21.89		
3	16QAM	1	0	21.95	22.03	21.97	23	0
3	16QAM	1	8	21.98	22.05	22.04		
3	16QAM	1	14	21.95	21.90	22.06		
3	16QAM	8	0	21.93	22.12	21.97	23	0
3	16QAM	8	4	21.89	21.90	21.97		
3	16QAM	8	7	21.76	21.77	21.73		
3	16QAM	15	0	21.99	21.99	21.92		
3	64QAM	1	0	21.92	21.94	21.94	23	0
3	64QAM	1	8	22.02	21.96	21.89		
3	64QAM	1	14	22.01	22.03	21.97		
3	64QAM	8	0	20.83	20.95	20.84	22	1
3	64QAM	8	4	20.62	20.75	20.83		
3	64QAM	8	7	20.58	20.65	20.75		
3	64QAM	15	0	20.89	20.78	20.74		
3	256QAM	1	0	19.14	19.12	19.17	20	3
3	256QAM	1	8	19.23	19.30	19.13		
3	256QAM	1	14	19.01	19.05	18.93		
3	256QAM	8	0	19.09	18.97	19.05	20	3
3	256QAM	8	4	18.81	18.93	18.92		
3	256QAM	8	7	18.79	18.83	18.94		
3	256QAM	15	0	18.94	18.81	18.93		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.07	22.10	22.11	23	0
1.4	QPSK	1	3	22.11	21.96	22.09		
1.4	QPSK	1	5	21.90	21.99	21.97		
1.4	QPSK	3	0	22.11	22.16	21.92		
1.4	QPSK	3	1	21.82	21.89	21.95		
1.4	QPSK	3	3	21.88	21.85	21.82		
1.4	QPSK	6	0	21.95	21.90	21.97	23	0
1.4	16QAM	1	0	21.97	21.97	21.97	23	0
1.4	16QAM	1	3	21.97	22.08	22.10		
1.4	16QAM	1	5	21.87	21.94	21.97		
1.4	16QAM	3	0	21.91	22.11	21.95		
1.4	16QAM	3	1	21.98	21.98	21.96		
1.4	16QAM	3	3	21.76	21.77	21.76		
1.4	16QAM	6	0	22.02	22.05	21.92	23	0
1.4	64QAM	1	0	21.86	21.95	22.03	23	0
1.4	64QAM	1	3	22.03	22.03	21.97		
1.4	64QAM	1	5	22.00	22.07	21.96		
1.4	64QAM	3	0	21.87	21.95	21.94		
1.4	64QAM	3	1	22.02	22.04	21.95		
1.4	64QAM	3	3	21.91	22.03	21.92		
1.4	64QAM	6	0	20.82	20.86	20.86	22	1
1.4	256QAM	1	0	19.12	19.11	19.13	20	3
1.4	256QAM	1	3	19.20	19.24	19.17		
1.4	256QAM	1	5	19.01	19.03	18.94		
1.4	256QAM	3	0	19.03	19.05	19.02		
1.4	256QAM	3	1	18.84	18.85	18.88		
1.4	256QAM	3	3	18.75	18.86	18.80		
1.4	256QAM	6	0	18.92	18.98	18.86	20	3

Band 30 DSI3_Simultaneous Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		14.12		15.5	0
10	QPSK	1	25		14.02			
10	QPSK	1	49		14.04			
10	QPSK	25	0		13.99		15.5	0
10	QPSK	25	12		13.87			
10	QPSK	25	25		13.92			
10	QPSK	50	0		13.94			
10	16QAM	1	0		13.99		15.5	0
10	16QAM	1	25		13.87			
10	16QAM	1	49		13.89			
10	16QAM	25	0		14.05		15.5	0
10	16QAM	25	12		14.01			
10	16QAM	25	25		13.94			
10	16QAM	50	0		13.88			
10	64QAM	1	0		13.94		15.5	0
10	64QAM	1	25		13.93			
10	64QAM	1	49		14.00			
10	64QAM	25	0		14.04		15.5	0
10	64QAM	25	12		13.92			
10	64QAM	25	25		13.84			
10	64QAM	50	0		13.92			
10	256QAM	1	0		13.97		15.5	0
10	256QAM	1	25		13.96			
10	256QAM	1	49		13.96			
10	256QAM	25	0		13.94		15.5	0
10	256QAM	25	12		13.95			
10	256QAM	25	25		13.89			
10	256QAM	50	0		13.94			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	13.98	14.09	13.93	15.5	0
5	QPSK	1	12	13.94	13.99	13.92		
5	QPSK	1	24	13.97	13.99	13.98		
5	QPSK	12	0	13.90	14.04	13.96	15.5	0
5	QPSK	12	7	13.80	13.96	13.87		
5	QPSK	12	13	13.80	13.90	13.86		
5	QPSK	25	0	13.85	14.00	13.88		
5	16QAM	1	0	14.00	13.90	13.85	15.5	0
5	16QAM	1	12	13.82	13.89	13.74		
5	16QAM	1	24	13.89	13.87	13.85		
5	16QAM	12	0	13.93	14.01	13.88	15.5	0
5	16QAM	12	7	13.73	14.04	13.87		
5	16QAM	12	13	13.79	13.94	13.88		
5	16QAM	25	0	13.75	13.84	13.91		
5	64QAM	1	0	13.80	13.94	13.83	15.5	0
5	64QAM	1	12	13.86	13.90	13.90		
5	64QAM	1	24	13.79	13.92	13.77		
5	64QAM	12	0	13.92	14.03	13.79	15.5	0
5	64QAM	12	7	13.84	13.91	13.80		
5	64QAM	12	13	13.78	13.85	13.80		
5	64QAM	25	0	13.81	13.99	13.79		
5	256QAM	1	0	13.92	13.95	13.93	15.5	0
5	256QAM	1	12	13.76	13.91	13.87		
5	256QAM	1	24	13.89	13.99	13.91		
5	256QAM	12	0	13.83	13.93	13.79	15.5	0
5	256QAM	12	7	13.98	14.00	13.80		
5	256QAM	12	13	13.77	13.83	13.81		
5	256QAM	25	0	13.75	13.97	13.81		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	19.69	19.90	19.86	21.2	0
20	QPSK	1	49	19.68	19.65	19.75		
20	QPSK	1	99	19.40	19.59	19.56		
20	QPSK	50	0	19.63	19.79	19.52	21.2	0
20	QPSK	50	24	19.61	19.62	19.60		
20	QPSK	50	50	19.52	19.54	19.56		
20	QPSK	100	0	19.52	19.76	19.68		
20	16QAM	1	0	19.46	19.51	19.59	21.2	0
20	16QAM	1	49	19.49	19.58	19.46		
20	16QAM	1	99	19.43	19.46	19.31		
20	16QAM	50	0	19.47	19.66	19.57	21.2	0
20	16QAM	50	24	19.28	19.41	19.30		
20	16QAM	50	50	19.32	19.51	19.33		
20	16QAM	100	0	19.46	19.66	19.36		
20	64QAM	1	0	19.46	19.70	19.62	21.2	0
20	64QAM	1	49	19.49	19.40	19.35		
20	64QAM	1	99	19.37	19.40	19.45		
20	64QAM	50	0	19.88	19.88	19.80	20.5	0.7
20	64QAM	50	24	19.70	19.82	19.82		
20	64QAM	50	50	19.77	19.84	19.89		
20	64QAM	100	0	19.82	19.88	19.89		
20	256QAM	1	0	17.81	18.01	17.83	19	2.2
20	256QAM	1	49	17.75	18.01	17.79		
20	256QAM	1	99	17.79	17.79	17.74		
20	256QAM	50	0	17.85	18.00	17.82	19	2.2
20	256QAM	50	24	17.76	17.82	17.80		
20	256QAM	50	50	17.74	17.85	17.78		
20	256QAM	100	0	18.02	18.16	18.05		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	19.71	19.80	19.68	21.2	0
15	QPSK	1	37	19.49	19.48	19.70		
15	QPSK	1	74	19.49	19.51	19.51		
15	QPSK	36	0	19.47	19.57	19.54	21.2	0
15	QPSK	36	20	19.50	19.51	19.47		
15	QPSK	36	39	19.39	19.42	19.42		
15	QPSK	75	0	19.31	19.57	19.43		
15	16QAM	1	0	19.42	19.43	19.43	21.2	0
15	16QAM	1	37	19.49	19.39	19.27		
15	16QAM	1	74	19.20	19.31	19.27		
15	16QAM	36	0	19.50	19.51	19.35	21.2	0
15	16QAM	36	20	19.25	19.35	19.33		
15	16QAM	36	39	19.34	19.45	19.25		
15	16QAM	75	0	19.26	19.51	19.35		
15	64QAM	1	0	19.39	19.48	19.44	21.2	0
15	64QAM	1	37	19.38	19.41	19.42		
15	64QAM	1	74	19.47	19.42	19.46		
15	64QAM	36	0	19.82	19.89	19.86	20.5	0.7
15	64QAM	36	20	19.80	19.80	19.79		
15	64QAM	36	39	19.72	19.77	19.75		
15	64QAM	75	0	19.89	19.89	19.83		
15	256QAM	1	0	17.76	17.94	17.70	19	2.2
15	256QAM	1	37	17.68	17.87	17.68		
15	256QAM	1	74	17.72	17.74	17.65		
15	256QAM	36	0	17.82	17.90	17.72	19	2.2
15	256QAM	36	20	17.65	17.67	17.65		
15	256QAM	36	39	17.65	17.74	17.68		
15	256QAM	75	0	17.98	18.13	17.96		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	19.66	19.69	19.66	21.2	0
10	QPSK	1	25	19.63	19.71	19.50		
10	QPSK	1	49	19.50	19.50	19.36		
10	QPSK	25	0	19.67	19.74	19.52	21.2	0
10	QPSK	25	12	19.51	19.54	19.55		
10	QPSK	25	25	19.37	19.48	19.45		
10	QPSK	50	0	19.53	19.57	19.58		
10	16QAM	1	0	19.47	19.48	19.50	21.2	0
10	16QAM	1	25	19.40	19.44	19.28		
10	16QAM	1	49	19.28	19.26	19.27		
10	16QAM	25	0	19.38	19.53	19.55	21.2	0
10	16QAM	25	12	19.22	19.24	19.31		
10	16QAM	25	25	19.29	19.27	19.22		
10	16QAM	50	0	19.40	19.46	19.43		
10	64QAM	1	0	19.29	19.59	19.59	21.2	0
10	64QAM	1	25	19.48	19.43	19.40		
10	64QAM	1	49	19.29	19.25	19.20		
10	64QAM	25	0	19.77	19.82	19.84	20.5	0.7
10	64QAM	25	12	19.80	19.89	19.87		
10	64QAM	25	25	19.73	19.70	19.80		
10	64QAM	50	0	19.71	19.86	19.88		
10	256QAM	1	0	17.77	17.97	17.72	19	2.2
10	256QAM	1	25	17.64	17.96	17.66		
10	256QAM	1	49	17.67	17.67	17.65		
10	256QAM	25	0	17.78	17.94	17.68	19	2.2
10	256QAM	25	12	17.67	17.76	17.72		
10	256QAM	25	25	17.66	17.76	17.70		
10	256QAM	50	0	17.93	18.02	17.95		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	19.66	19.69	19.72	21.2	0
5	QPSK	1	12	19.44	19.62	19.48		
5	QPSK	1	24	19.49	19.57	19.44		
5	QPSK	12	0	19.59	19.58	19.49	21.2	0
5	QPSK	12	7	19.49	19.64	19.42		
5	QPSK	12	13	19.33	19.47	19.42		
5	QPSK	25	0	19.39	19.48	19.52		
5	16QAM	1	0	19.43	19.46	19.48	21.2	0
5	16QAM	1	12	19.39	19.56	19.45		
5	16QAM	1	24	19.29	19.27	19.25		
5	16QAM	12	0	19.24	19.50	19.33	21.2	0
5	16QAM	12	7	19.21	19.32	19.24		
5	16QAM	12	13	19.22	19.28	19.21		
5	16QAM	25	0	19.22	19.46	19.42		
5	64QAM	1	0	19.30	19.48	19.47	21.2	0
5	64QAM	1	12	19.25	19.34	19.38		
5	64QAM	1	24	19.32	19.40	19.30		
5	64QAM	12	0	19.82	19.88	19.85	20.5	0.7
5	64QAM	12	7	19.75	19.81	19.88		
5	64QAM	12	13	19.70	19.74	19.85		
5	64QAM	25	0	19.89	19.84	19.89		
5	256QAM	1	0	17.73	17.90	17.69	19	2.2
5	256QAM	1	12	17.62	17.95	17.71		
5	256QAM	1	24	17.66	17.71	17.65		
5	256QAM	12	0	17.73	17.86	17.75	19	2.2
5	256QAM	12	7	17.68	17.75	17.71		
5	256QAM	12	13	17.62	17.80	17.73		
5	256QAM	25	0	17.95	18.04	17.91		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	19.70	19.86	19.73	21.2	0
3	QPSK	1	8	19.54	19.55	19.49		
3	QPSK	1	14	19.43	19.59	19.42		
3	QPSK	8	0	19.36	19.67	19.58	21.2	0
3	QPSK	8	4	19.55	19.53	19.65		
3	QPSK	8	7	19.36	19.49	19.45		
3	QPSK	15	0	19.36	19.71	19.47		
3	16QAM	1	0	19.46	19.42	19.39	21.2	0
3	16QAM	1	8	19.43	19.37	19.33		
3	16QAM	1	14	19.20	19.26	19.30		
3	16QAM	8	0	19.36	19.49	19.42	21.2	0
3	16QAM	8	4	19.37	19.34	19.24		
3	16QAM	8	7	19.28	19.41	19.25		
3	16QAM	15	0	19.21	19.60	19.39		
3	64QAM	1	0	19.40	19.55	19.37	21.2	0
3	64QAM	1	8	19.21	19.53	19.30		
3	64QAM	1	14	19.45	19.46	19.36		
3	64QAM	8	0	19.77	19.87	19.77	20.5	0.7
3	64QAM	8	4	19.78	19.81	19.89		
3	64QAM	8	7	19.63	19.77	19.85		
3	64QAM	15	0	19.87	19.80	19.83		
3	256QAM	1	0	17.67	17.95	17.68	19	2.2
3	256QAM	1	8	17.63	17.88	17.73		
3	256QAM	1	14	17.76	17.75	17.63		
3	256QAM	8	0	17.82	17.86	17.75	19	2.2
3	256QAM	8	4	17.68	17.70	17.70		
3	256QAM	8	7	17.61	17.80	17.64		
3	256QAM	15	0	17.88	18.11	17.99		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	19.58	19.73	19.59	21.2	0
1.4	QPSK	1	3	19.50	19.60	19.59		
1.4	QPSK	1	5	19.35	19.64	19.46		
1.4	QPSK	3	0	19.58	19.63	19.48		
1.4	QPSK	3	1	19.50	19.51	19.43		
1.4	QPSK	3	3	19.43	19.59	19.38		
1.4	QPSK	6	0	19.35	19.73	19.44	21.2	0
1.4	16QAM	1	0	19.49	19.48	19.33	21.2	0
1.4	16QAM	1	3	19.36	19.54	19.39		
1.4	16QAM	1	5	19.30	19.30	19.28		
1.4	16QAM	3	0	19.26	19.52	19.49		
1.4	16QAM	3	1	19.22	19.32	19.29		
1.4	16QAM	3	3	19.32	19.35	19.26		
1.4	16QAM	6	0	19.30	19.53	19.31	21.2	0
1.4	64QAM	1	0	19.39	19.55	19.32	21.2	0
1.4	64QAM	1	3	19.31	19.35	19.32		
1.4	64QAM	1	5	19.33	19.26	19.24		
1.4	64QAM	3	0	19.35	19.37	19.43		
1.4	64QAM	3	1	19.41	19.40	19.32		
1.4	64QAM	3	3	19.26	19.42	19.24		
1.4	64QAM	6	0	19.16	19.30	19.31	20.5	0.7
1.4	256QAM	1	0	17.67	17.94	17.72	19	2.2
1.4	256QAM	1	3	17.61	17.88	17.75		
1.4	256QAM	1	5	17.75	17.66	17.70		
1.4	256QAM	3	0	17.77	17.93	17.74		
1.4	256QAM	3	1	17.75	17.79	17.70		
1.4	256QAM	3	3	17.65	17.80	17.64		
1.4	256QAM	6	0	17.96	18.11	18.05	19	2.2

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	16.47	16.53	16.42	17.6	0
20	QPSK	1	49	16.45	16.48	16.40		
20	QPSK	1	99	16.42	16.46	16.38		
20	QPSK	50	0	16.43	16.50	16.39		
20	QPSK	50	24	16.28	16.35	16.35		
20	QPSK	50	50	16.41	16.47	16.43		
20	QPSK	100	0	16.27	16.42	16.35		
20	16QAM	1	0	16.42	16.43	16.31		
20	16QAM	1	49	16.32	16.43	16.35		
20	16QAM	1	99	16.32	16.36	16.26		
20	16QAM	50	0	16.33	16.40	16.38		
20	16QAM	50	24	16.26	16.37	16.31		
20	16QAM	50	50	16.31	16.49	16.35		
20	16QAM	100	0	16.30	16.33	16.26		
20	64QAM	1	0	16.22	16.47	16.31		
20	64QAM	1	49	16.30	16.33	16.37		
20	64QAM	1	99	16.25	16.41	16.31		
20	64QAM	50	0	16.34	16.48	16.40		
20	64QAM	50	24	16.25	16.47	16.26		
20	64QAM	50	50	16.30	16.39	16.28		
20	64QAM	100	0	16.31	16.48	16.34		
20	256QAM	1	0	16.37	16.45	16.44		
20	256QAM	1	49	16.28	16.45	16.32		
20	256QAM	1	99	16.38	16.46	16.37		
20	256QAM	50	0	16.38	16.46	16.37		
20	256QAM	50	24	16.39	16.47	16.36		
20	256QAM	50	50	16.29	16.37	16.27		
20	256QAM	100	0	16.31	16.46	16.30		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	16.44	16.50	16.38	17.6	0
15	QPSK	1	37	16.38	16.35	16.27		
15	QPSK	1	74	16.38	16.36	16.30		
15	QPSK	36	0	16.36	16.40	16.27		
15	QPSK	36	20	16.23	16.32	16.32		
15	QPSK	36	39	16.27	16.34	16.33		
15	QPSK	75	0	16.24	16.31	16.29		
15	16QAM	1	0	16.29	16.35	16.24		
15	16QAM	1	37	16.22	16.34	16.31		
15	16QAM	1	74	16.28	16.32	16.16		
15	16QAM	36	0	16.22	16.29	16.27		
15	16QAM	36	20	16.19	16.31	16.26		
15	16QAM	36	39	16.25	16.45	16.28		
15	16QAM	75	0	16.17	16.30	16.15		
15	64QAM	1	0	16.16	16.35	16.16		
15	64QAM	1	37	16.19	16.26	16.26		
15	64QAM	1	74	16.16	16.31	16.19		
15	64QAM	36	0	16.28	16.43	16.29		
15	64QAM	36	20	16.18	16.36	16.19		
15	64QAM	36	39	16.27	16.29	16.19		
15	64QAM	75	0	16.20	16.35	16.30		
15	256QAM	1	0	16.31	16.34	16.38		
15	256QAM	1	37	16.23	16.32	16.24		
15	256QAM	1	74	16.24	16.38	16.27		
15	256QAM	36	0	16.26	16.32	16.34		
15	256QAM	36	20	16.25	16.42	16.32		
15	256QAM	36	39	16.20	16.23	16.18		
15	256QAM	75	0	16.22	16.37	16.18		
Channel				37600	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572	2595	2618		
10	QPSK	1	0	16.37	16.45	16.28	17.6	0
10	QPSK	1	25	16.37	16.42	16.34		
10	QPSK	1	49	16.31	16.31	16.23		
10	QPSK	25	0	16.34	16.43	16.29		
10	QPSK	25	12	16.13	16.34	16.26		
10	QPSK	25	25	16.28	16.42	16.33		
10	QPSK	50	0	16.17	16.31	16.27		
10	16QAM	1	0	16.29	16.34	16.21		
10	16QAM	1	25	16.18	16.38	16.27		
10	16QAM	1	49	16.24	16.22	16.14		
10	16QAM	25	0	16.21	16.34	16.30		
10	16QAM	25	12	16.22	16.29	16.23		
10	16QAM	25	25	16.25	16.37	16.32		
10	16QAM	50	0	16.22	16.19	16.21		
10	64QAM	1	0	16.16	16.37	16.22		
10	64QAM	1	25	16.20	16.25	16.29		
10	64QAM	1	49	16.16	16.34	16.21		
10	64QAM	25	0	16.24	16.42	16.34		
10	64QAM	25	12	16.19	16.42	16.18		
10	64QAM	25	25	16.17	16.30	16.21		
10	64QAM	50	0	16.17	16.36	16.25		
10	256QAM	1	0	16.33	16.31	16.32		
10	256QAM	1	25	16.24	16.36	16.26		
10	256QAM	1	49	16.34	16.39	16.28		
10	256QAM	25	0	16.25	16.31	16.33		
10	256QAM	25	12	16.32	16.37	16.32		
10	256QAM	25	25	16.21	16.30	16.13		
10	256QAM	50	0	16.28	16.38	16.19		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	16.32	16.49	16.37	17.6	0
5	QPSK	1	12	16.33	16.45	16.36		
5	QPSK	1	24	16.30	16.39	16.34		
5	QPSK	12	0	16.28	16.43	16.35		
5	QPSK	12	7	16.24	16.36	16.31		
5	QPSK	12	13	16.30	16.36	16.39		
5	QPSK	25	0	16.12	16.35	16.30		
5	16QAM	1	0	16.29	16.34	16.19		
5	16QAM	1	12	16.23	16.34	16.27		
5	16QAM	1	24	16.20	16.23	16.20		
5	16QAM	12	0	16.26	16.27	16.31		
5	16QAM	12	7	16.16	16.28	16.19		
5	16QAM	12	13	16.19	16.35	16.27		
5	16QAM	25	0	16.22	16.29	16.18		
5	64QAM	1	0	16.09	16.40	16.17		
5	64QAM	1	12	16.19	16.24	16.22		
5	64QAM	1	24	16.19	16.35	16.20		
5	64QAM	12	0	16.25	16.36	16.29		
5	64QAM	12	7	16.10	16.35	16.16		
5	64QAM	12	13	16.19	16.28	16.22		
5	64QAM	25	0	16.18	16.42	16.25		
5	256QAM	1	0	16.30	16.35	16.32		
5	256QAM	1	12	16.24	16.32	16.18		
5	256QAM	1	24	16.29	16.36	16.28		
5	256QAM	12	0	16.25	16.38	16.22		
5	256QAM	12	7	16.25	16.34	16.24		
5	256QAM	12	13	16.18	16.33	16.19		
5	256QAM	25	0	16.20	16.41	16.24		

Band 41 PC3 FCC&IC DSI3_Simultaneous Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	16.51	16.61	16.69	16.64	16.59	17.6	0
20	QPSK	1	49	16.44	16.56	16.68	16.57	16.53		
20	QPSK	1	99	16.45	16.57	16.61	16.52	16.45		
20	QPSK	50	0	16.38	16.52	16.62	16.59	16.41		
20	QPSK	50	24	16.30	16.38	16.48	16.42	16.40		
20	QPSK	50	50	16.46	16.50	16.55	16.49	16.40		
20	QPSK	100	0	16.33	16.46	16.58	16.54	16.36		
20	16QAM	1	0	16.51	16.56	16.49	16.41	16.35		
20	16QAM	1	49	16.31	16.39	16.45	16.31	16.26		
20	16QAM	1	99	16.30	16.45	16.44	16.36	16.32		
20	16QAM	50	0	16.38	16.47	16.65	16.56	16.36		
20	16QAM	50	24	16.34	16.39	16.64	16.51	16.40		
20	16QAM	50	50	16.32	16.43	16.54	16.41	16.52		
20	16QAM	100	0	16.27	16.36	16.52	16.41	16.39		
20	64QAM	1	0	16.35	16.39	16.55	16.49	16.31		
20	64QAM	1	49	16.35	16.43	16.46	16.37	16.29		
20	64QAM	1	99	16.35	16.43	16.49	16.39	16.37		
20	64QAM	50	0	16.36	16.50	16.61	16.53	16.31		
20	64QAM	50	24	16.33	16.36	16.59	16.54	16.32		
20	64QAM	50	50	16.24	16.38	16.45	16.37	16.34		
20	64QAM	100	0	16.29	16.40	16.59	16.55	16.24		
20	256QAM	1	0	16.52	16.47	16.61	16.45	16.45		
20	256QAM	1	49	16.40	16.49	16.52	16.47	16.62		
20	256QAM	1	99	16.29	16.19	16.45	16.32	16.27		
20	256QAM	50	0	16.56	16.43	16.52	16.47	16.32		
20	256QAM	50	24	16.24	16.49	16.38	16.28	16.33		
20	256QAM	50	50	16.23	16.39	16.42	16.34	16.32		
20	256QAM	100	0	16.67	16.51	16.50	16.53	16.58		
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	16.41	16.48	16.63	16.61	16.55	17.60	0
15	QPSK	1	37	16.31	16.49	16.61	16.54	16.47		
15	QPSK	1	74	16.39	16.47	16.55	16.46	16.33		
15	QPSK	36	0	16.35	16.46	16.55	16.45	16.35		
15	QPSK	36	20	16.22	16.29	16.42	16.37	16.32		
15	QPSK	36	39	16.38	16.44	16.46	16.46	16.31		
15	QPSK	75	0	16.30	16.40	16.48	16.45	16.26		
15	16QAM	1	0	16.45	16.52	16.46	16.37	16.28		
15	16QAM	1	37	16.23	16.34	16.35	16.16	16.16		
15	16QAM	1	74	16.19	16.37	16.30	16.24	16.18		
15	16QAM	36	0	16.25	16.37	16.55	16.45	16.25		
15	16QAM	36	20	16.20	16.27	16.57	16.38	16.30		
15	16QAM	36	39	16.25	16.28	16.47	16.30	16.49		
15	16QAM	75	0	16.14	16.32	16.48	16.31	16.31		
15	64QAM	1	0	16.28	16.25	16.48	16.35	16.27		
15	64QAM	1	37	16.30	16.39	16.35	16.30	16.25		
15	64QAM	1	74	16.30	16.32	16.42	16.36	16.27		
15	64QAM	36	0	16.31	16.43	16.58	16.49	16.28		
15	64QAM	36	20	16.18	16.28	16.52	16.43	16.17		
15	64QAM	36	39	16.17	16.33	16.37	16.30	16.28		
15	64QAM	75	0	16.20	16.32	16.56	16.41	16.19		
15	256QAM	1	0	16.35	16.37	16.61	16.30	16.52		
15	256QAM	1	37	16.34	16.28	16.54	16.45	16.29		
15	256QAM	1	74	16.14	16.16	16.31	16.40	16.27		
15	256QAM	36	0	16.50	16.23	16.41	16.31	16.22		
15	256QAM	36	20	16.09	16.22	16.32	16.34	16.24		
15	256QAM	36	39	16.06	16.28	16.19	16.10	16.15		
15	256QAM	75	0	16.50	16.24	16.59	16.37	16.35		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	16.47	16.46	16.65	16.59	16.47	17.60	0
10	QPSK	1	25	16.40	16.44	16.62	16.43	16.47		
10	QPSK	1	49	16.38	16.53	16.52	16.40	16.32		
10	QPSK	25	0	16.27	16.43	16.57	16.44	16.29		
10	QPSK	25	12	16.24	16.24	16.40	16.38	16.29		
10	QPSK	25	25	16.37	16.41	16.47	16.35	16.35		
10	QPSK	50	0	16.19	16.33	16.45	16.43	16.22		
10	16QAM	1	0	16.36	16.42	16.42	16.37	16.27		
10	16QAM	1	25	16.21	16.32	16.41	16.17	16.22		
10	16QAM	1	49	16.25	16.37	16.30	16.22	16.17		
10	16QAM	25	0	16.31	16.34	16.59	16.47	16.31		
10	16QAM	25	12	16.20	16.33	16.57	16.42	16.26		
10	16QAM	25	25	16.18	16.34	16.47	16.33	16.48		
10	16QAM	50	0	16.16	16.26	16.41	16.29	16.30		
10	64QAM	1	0	16.30	16.28	16.44	16.41	16.25		
10	64QAM	1	25	16.29	16.34	16.39	16.26	16.18		
10	64QAM	1	49	16.29	16.31	16.37	16.30	16.25		
10	64QAM	25	0	16.29	16.45	16.50	16.50	16.26		
10	64QAM	25	12	16.26	16.22	16.48	16.48	16.27		
10	64QAM	25	25	16.11	16.25	16.35	16.22	16.21		
10	64QAM	50	0	16.22	16.33	16.45	16.41	16.16		
10	256QAM	1	0	16.32	16.28	16.41	16.33	16.40		
10	256QAM	1	25	16.41	16.34	16.53	16.45	16.36		
10	256QAM	1	49	16.32	16.22	16.22	16.37	16.14		
10	256QAM	25	0	16.55	16.45	16.46	16.36	16.25		
10	256QAM	25	12	16.06	16.30	16.32	16.22	16.17		
10	256QAM	25	25	16.21	16.32	16.21	16.24	16.10		
10	256QAM	50	0	16.37	16.44	16.51	16.45	16.30		
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	16.46	16.56	16.59	16.55	16.49	17.60	0
5	QPSK	1	12	16.40	16.43	16.55	16.52	16.49		
5	QPSK	1	24	16.34	16.45	16.48	16.41	16.30		
5	QPSK	12	0	16.23	16.47	16.54	16.44	16.28		
5	QPSK	12	7	16.24	16.27	16.39	16.31	16.34		
5	QPSK	12	13	16.40	16.44	16.49	16.37	16.26		
5	QPSK	25	0	16.18	16.34	16.52	16.42	16.25		
5	16QAM	1	0	16.39	16.43	16.40	16.36	16.27		
5	16QAM	1	12	16.18	16.29	16.35	16.25	16.11		
5	16QAM	1	24	16.24	16.34	16.31	16.26	16.23		
5	16QAM	12	0	16.28	16.33	16.52	16.49	16.22		
5	16QAM	12	7	16.22	16.28	16.54	16.42	16.35		
5	16QAM	12	13	16.22	16.28	16.42	16.29	16.37		
5	16QAM	25	0	16.14	16.32	16.46	16.28	16.34		
5	64QAM	1	0	16.28	16.27	16.43	16.36	16.26		
5	64QAM	1	12	16.25	16.30	16.40	16.32	16.23		
5	64QAM	1	24	16.24	16.30	16.36	16.28	16.22		
5	64QAM	12	0	16.32	16.42	16.51	16.39	16.21		
5	64QAM	12	7	16.23	16.28	16.48	16.43	16.19		
5	64QAM	12	13	16.18	16.30	16.38	16.25	16.26		
5	64QAM	25	0	16.20	16.25	16.47	16.44	16.18		
5	256QAM	1	0	16.40	16.35	16.42	16.39	16.37		
5	256QAM	1	12	16.22	16.35	16.48	16.25	16.44		
5	256QAM	1	24	16.34	16.26	16.25	16.35	16.31		
5	256QAM	12	0	16.49	16.44	16.50	16.27	16.30		
5	256QAM	12	7	16.11	16.22	16.31	16.46	16.10		
5	256QAM	12	13	16.10	16.36	16.38	16.27	16.21		
5	256QAM	25	0	16.49	16.37	16.67	16.40	16.40		

Band 41 PC2 FCC&IC DSI3_Simultaneous Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	18.48	18.55	18.62	18.52	18.49	19.2	0
20	QPSK	1	49	18.36	18.52	18.54	18.49	18.45		
20	QPSK	1	99	18.39	18.50	18.48	18.45	18.39		
20	QPSK	50	0	18.30	18.37	18.59	18.47	18.26	19.2	0
20	QPSK	50	24	18.18	18.29	18.39	18.28	18.26		
20	QPSK	50	50	18.33	18.46	18.40	18.35	18.27		
20	QPSK	100	0	18.26	18.39	18.46	18.42	18.29		
20	16QAM	1	0	18.37	18.49	18.44	18.36	18.30	19.2	0
20	16QAM	1	49	18.17	18.34	18.38	18.25	18.19		
20	16QAM	1	99	18.24	18.34	18.38	18.26	18.25		
20	16QAM	50	0	18.30	18.43	18.59	18.52	18.32	19.2	0
20	16QAM	50	24	18.28	18.34	18.59	18.42	18.28		
20	16QAM	50	50	18.20	18.38	18.48	18.26	18.40		
20	16QAM	100	0	18.19	18.32	18.38	18.28	18.35		
20	64QAM	1	0	18.26	18.27	18.44	18.40	18.16	19.2	0
20	64QAM	1	49	18.30	18.32	18.42	18.30	18.24		
20	64QAM	1	99	18.22	18.31	18.40	18.35	18.29		
20	64QAM	50	0	18.30	18.39	18.46	18.50	18.19	19.2	0
20	64QAM	50	24	18.28	18.30	18.55	18.42	18.28		
20	64QAM	50	50	18.21	18.30	18.42	18.30	18.27		
20	64QAM	100	0	18.25	18.35	18.55	18.46	18.16		
20	256QAM	1	0	18.21	18.37	18.57	18.50	18.24	19.2	0
20	256QAM	1	49	18.26	18.28	18.48	18.40	18.29		
20	256QAM	1	99	18.14	18.32	18.41	18.23	18.30		
20	256QAM	50	0	18.15	18.30	18.48	18.26	18.28	19.2	0
20	256QAM	50	24	18.32	18.31	18.45	18.36	18.18		
20	256QAM	50	50	18.30	18.38	18.35	18.27	18.23		
20	256QAM	100	0	18.22	18.31	18.43	18.29	18.25		
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	18.35	18.51	18.54	18.43	18.40	19.20	0
15	QPSK	1	37	18.23	18.47	18.43	18.34	18.33		
15	QPSK	1	74	18.31	18.47	18.38	18.34	18.28		
15	QPSK	36	0	18.25	18.22	18.50	18.40	18.18	19.2	0
15	QPSK	36	20	18.07	18.24	18.25	18.21	18.19		
15	QPSK	36	39	18.27	18.35	18.26	18.28	18.14		
15	QPSK	75	0	18.12	18.31	18.41	18.29	18.18		
15	16QAM	1	0	18.27	18.37	18.29	18.23	18.21	19.2	0
15	16QAM	1	37	18.03	18.25	18.30	18.17	18.12		
15	16QAM	1	74	18.13	18.31	18.29	18.19	18.19		
15	16QAM	36	0	18.17	18.39	18.53	18.47	18.27	19.2	0
15	16QAM	36	20	18.17	18.21	18.51	18.32	18.20		
15	16QAM	36	39	18.14	18.34	18.44	18.22	18.27		
15	16QAM	75	0	18.08	18.25	18.25	18.15	18.23		
15	64QAM	1	0	18.19	18.22	18.35	18.25	18.01	19.2	0
15	64QAM	1	37	18.25	18.28	18.35	18.21	18.09		
15	64QAM	1	74	18.15	18.27	18.37	18.29	18.18		
15	64QAM	36	0	18.17	18.28	18.32	18.40	18.08	19.2	0
15	64QAM	36	20	18.19	18.15	18.51	18.36	18.22		
15	64QAM	36	39	18.14	18.17	18.31	18.22	18.12		
15	64QAM	75	0	18.20	18.28	18.50	18.33	18.09		
15	256QAM	1	0	18.06	18.24	18.49	18.36	18.15	19.2	0
15	256QAM	1	37	18.18	18.20	18.39	18.35	18.24		
15	256QAM	1	74	18.02	18.26	18.26	18.13	18.19		
15	256QAM	36	0	18.01	18.21	18.35	18.21	18.16	19.2	0
15	256QAM	36	20	18.18	18.16	18.41	18.25	18.11		
15	256QAM	36	39	18.26	18.25	18.22	18.21	18.11		
15	256QAM	75	0	18.07	18.24	18.33	18.19	18.11		
Channel				39700	40160	40620	41080	41540	Tune-up limit	MPR
Frequency (MHz)				2501	2547	2593	2639	2685	(dBm)	(dB)
10	QPSK	1	0	18.41	18.49	18.57	18.47	18.35	19.20	0
10	QPSK	1	25	18.32	18.48	18.47	18.43	18.37		
10	QPSK	1	49	18.32	18.40	18.35	18.32	18.32		
10	QPSK	25	0	18.17	18.31	18.50	18.43	18.15	19.2	0
10	QPSK	25	12	18.12	18.25	18.24	18.21	18.12		
10	QPSK	25	25	18.26	18.40	18.29	18.22	18.15		
10	QPSK	50	0	18.18	18.30	18.34	18.34	18.25	19.2	0
10	16QAM	1	0	18.29	18.44	18.32	18.32	18.22		
10	16QAM	1	25	18.08	18.27	18.32	18.19	18.13		
10	16QAM	1	49	18.18	18.26	18.29	18.14	18.21		
10	16QAM	25	0	18.16	18.37	18.46	18.43	18.29	19.2	0
10	16QAM	25	12	18.22	18.25	18.53	18.39	18.23		
10	16QAM	25	25	18.13	18.30	18.34	18.21	18.35		
10	16QAM	50	0	18.15	18.18	18.23	18.25	18.31		
10	64QAM	1	0	18.14	18.22	18.38	18.33	18.11	19.2	0
10	64QAM	1	25	18.20	18.27	18.33	18.18	18.12		
10	64QAM	1	49	18.19	18.27	18.35	18.27	18.25		
10	64QAM	25	0	18.22	18.29	18.40	18.36	18.05	19.2	0
10	64QAM	25	12	18.21	18.21	18.48	18.37	18.21		
10	64QAM	25	25	18.09	18.17	18.33	18.25	18.13		
10	64QAM	50	0	18.22	18.31	18.43	18.42	18.05	19.2	0
10	256QAM	1	0	18.17	18.26	18.45	18.37	18.15		
10	256QAM	1	25	18.17	18.19	18.41	18.33	18.24		
10	256QAM	1	49	18.10	18.27	18.34	18.11	18.16		
10	256QAM	25	0	18.10	18.26	18.45	18.16	18.20	19.2	0
10	256QAM	25	12	18.19	18.22	18.39	18.25	18.13		
10	256QAM	25	25	18.16	18.31	18.31	18.22	18.12		
10	256QAM	50	0	18.13	18.27	18.38	18.17	18.13		
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	18.44	18.41	18.59	18.45	18.43	19.20	0
5	QPSK	1	12	18.32	18.48	18.47	18.38	18.33		
5	QPSK	1	24	18.26	18.38	18.44	18.34	18.29		
5	QPSK	12	0	18.21	18.28	18.50	18.40	18.11	19.2	0
5	QPSK	12	7	18.05	18.22	18.31	18.16	18.18		
5	QPSK	12	13	18.27	18.41	18.35	18.31	18.13		
5	QPSK	25	0	18.14	18.34	18.38	18.33	18.14	19.2	0
5	16QAM	1	0	18.28	18.39	18.38	18.29	18.19		
5	16QAM	1	12	18.12	18.29	18.34	18.13	18.05		
5	16QAM	1	24	18.14	18.28	18.33	18.21	18.16	19.2	0
5	16QAM	12	0	18.27	18.35	18.44	18.43	18.25		
5	16QAM	12	7	18.22	18.28	18.45	18.34	18.18		
5	16QAM	12	13	18.12	18.26	18.42	18.15	18.30		
5	16QAM	25	0	18.09	18.23	18.28	18.21	18.25	19.2	0
5	64QAM	1	0	18.22	18.15	18.34	18.33	18.09		
5	64QAM	1	12	18.26	18.24	18.29	18.16	18.16		
5	64QAM	1	24	18.15	18.20	18.37	18.22	18.21		
5	64QAM	12	0	18.17	18.35	18.33	18.38	18.16	19.2	0
5	64QAM	12	7	18.16	18.24	18.51	18.33	18.19		
5	64QAM	12	13	18.15	18.24	18.37	18.27	18.14		
5	64QAM	25	0	18.18	18.21	18.52	18.35	18.02	19.2	0
5	256QAM	1	0	18.07	18.23	18.43	18.36	18.17		
5	256QAM	1	12	18.13	18.13	18.41	18.34	18.25		
5	256QAM	1	24	18.03	18.24	18.30	18.19	18.20		
5	256QAM	12	0	18.01	18.24	18.43	18.15	18.22	19.2	0
5	256QAM	12	7	18.19	18.27	18.31	18.33	18.06		
5	256QAM	12	13	18.20	18.34	18.24	18.17	18.14		
5	256QAM	25	0	18.08	18.19	18.40	18.14	18.19		

18.69

Band 48 DSI3_Simultaneous Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	18.71	18.77	18.66	18.72	19.6	0
20	QPSK	1	49	18.67	18.75	18.55	18.60		
20	QPSK	1	99	18.72	18.66	18.55	18.61		
20	QPSK	50	0	18.58	18.74	18.41	18.58	19.6	0
20	QPSK	50	24	18.47	18.51	18.40	18.38		
20	QPSK	50	50	18.64	18.60	18.42	18.56		
20	QPSK	100	0	18.54	18.64	18.49	18.60		
20	16QAM	1	0	18.64	18.58	18.44	18.48	19.6	0
20	16QAM	1	49	18.51	18.52	18.30	18.38		
20	16QAM	1	99	18.54	18.49	18.39	18.47		
20	16QAM	50	0	18.64	18.73	18.53	18.62	19.6	0
20	16QAM	50	24	18.49	18.75	18.43	18.58		
20	16QAM	50	50	18.52	18.66	18.50	18.42		
20	16QAM	100	0	18.53	18.52	18.51	18.46		
20	64QAM	1	0	18.39	18.62	18.33	18.57	19.6	0
20	64QAM	1	49	18.48	18.54	18.39	18.41		
20	64QAM	1	99	18.50	18.52	18.42	18.51		
20	64QAM	50	0	18.50	18.65	18.54	18.57	19.5	0.1
20	64QAM	50	24	18.48	18.47	18.47	18.39		
20	64QAM	50	50	18.40	18.47	18.38	18.37		
20	64QAM	100	0	18.32	18.48	18.41	18.42		
20	256QAM	1	0	16.91	17.07	16.92	16.95	17.5	2.1
20	256QAM	1	49	16.82	17.07	16.83	16.95		
20	256QAM	1	99	16.86	16.83	16.83	16.79		
20	256QAM	50	0	16.99	17.15	17.06	17.02	17.5	2.1
20	256QAM	50	24	16.91	17.01	16.99	16.92		
20	256QAM	50	50	16.92	16.99	16.91	16.94		
20	256QAM	100	0	17.08	17.22	17.03	17.17		
Channel				55315	55820	56160	56665	Tune-up limit	MPR
Frequency (MHz)				3557.5	3608	3642	3692.5	(dBm)	(dB)
15	QPSK	1	0	18.59	18.72	18.63	18.60	19.6	0
15	QPSK	1	37	18.62	18.71	18.47	18.54		
15	QPSK	1	74	18.62	18.53	18.40	18.50		
15	QPSK	36	0	18.44	18.60	18.36	18.50	19.6	0
15	QPSK	36	20	18.37	18.47	18.30	18.28		
15	QPSK	36	39	18.50	18.55	18.31	18.49		
15	QPSK	75	0	18.47	18.58	18.42	18.49		
15	16QAM	1	0	18.58	18.44	18.37	18.43	19.6	0
15	16QAM	1	37	18.42	18.39	18.20	18.23		
15	16QAM	1	74	18.48	18.35	18.34	18.42		
15	16QAM	36	0	18.53	18.64	18.39	18.56	19.6	0
15	16QAM	36	20	18.36	18.70	18.31	18.52		
15	16QAM	36	39	18.41	18.55	18.47	18.27		
15	16QAM	75	0	18.41	18.42	18.48	18.38		
15	64QAM	1	0	18.35	18.55	18.28	18.48	19.6	0
15	64QAM	1	37	18.42	18.47	18.25	18.27		
15	64QAM	1	74	18.43	18.46	18.32	18.40		
15	64QAM	36	0	18.36	18.61	18.47	18.43	19.5	0.1
15	64QAM	36	20	18.35	18.43	18.39	18.35		
15	64QAM	36	39	18.28	18.35	18.24	18.31		
15	64QAM	75	0	18.29	18.38	18.36	18.28		
15	256QAM	1	0	16.81	17.03	16.79	16.91	17.5	2.1
15	256QAM	1	37	16.67	17.01	16.74	16.81		
15	256QAM	1	74	16.77	16.68	16.73	16.73		
15	256QAM	36	0	16.90	17.03	17.02	16.91	17.5	2.1
15	256QAM	36	20	16.87	16.94	16.95	16.87		
15	256QAM	36	39	16.79	16.92	16.83	16.91		
15	256QAM	75	0	17.03	17.10	16.90	17.11		
Channel				55290	55815	56165	56690	Tune-up limit	MPR
Frequency (MHz)				3555	3607.5	3642.5	3695	(dBm)	(dB)
10	QPSK	1	0	18.62	18.68	18.55	18.60	19.6	0
10	QPSK	1	25	18.62	18.65	18.50	18.56		
10	QPSK	1	49	18.60	18.54	18.44	18.55		
10	QPSK	25	0	18.54	18.60	18.27	18.44	19.6	0
10	QPSK	25	12	18.35	18.42	18.29	18.27		
10	QPSK	25	25	18.55	18.45	18.30	18.51		
10	QPSK	50	0	18.51	18.54	18.34	18.52	19.6	0
10	16QAM	1	0	18.51	18.43	18.29	18.38		
10	16QAM	1	25	18.43	18.48	18.20	18.26		
10	16QAM	1	49	18.50	18.45	18.26	18.34		
10	16QAM	25	0	18.50	18.66	18.42	18.57	19.6	0
10	16QAM	25	12	18.44	18.67	18.36	18.43		
10	16QAM	25	25	18.40	18.55	18.37	18.30		
10	16QAM	50	0	18.39	18.41	18.42	18.43		
10	64QAM	1	0	18.31	18.51	18.27	18.46	19.6	0
10	64QAM	1	25	18.33	18.44	18.26	18.29		
10	64QAM	1	49	18.37	18.46	18.31	18.42		
10	64QAM	25	0	18.39	18.58	18.45	18.44	19.5	0.1
10	64QAM	25	12	18.38	18.32	18.33	18.35		
10	64QAM	25	25	18.26	18.38	18.25	18.34		
10	64QAM	50	0	18.19	18.44	18.30	18.34	19.5	0.1
10	256QAM	1	0	16.82	16.96	16.84	16.87	17.5	2.1
10	256QAM	1	25	16.77	16.93	16.77	16.81		
10	256QAM	1	49	16.83	16.72	16.70	16.71		
10	256QAM	25	0	16.89	17.02	16.98	16.94	17.5	2.1
10	256QAM	25	12	16.88	16.96	16.92	16.78		
10	256QAM	25	25	16.79	16.86	16.81	16.81		
10	256QAM	50	0	16.98	17.17	16.89	17.05		
Channel				55265	55810	56170	56715	Tune-up limit	MPR
Frequency (MHz)				3552.5	3607	3643	3697.5	(dBm)	(dB)
5	QPSK	1	0	18.61	18.64	18.62	18.61	19.6	0
5	QPSK	1	12	18.52	18.62	18.45	18.47		
5	QPSK	1	24	18.56	18.61	18.50	18.58		
5	QPSK	12	0	18.45	18.62	18.34	18.50	19.6	0
5	QPSK	12	7	18.44	18.44	18.31	18.23		
5	QPSK	12	13	18.54	18.50	18.30	18.53		
5	QPSK	25	0	18.47	18.54	18.40	18.56	19.6	0
5	16QAM	1	0	18.52	18.53	18.34	18.39		
5	16QAM	1	12	18.42	18.40	18.17	18.28		
5	16QAM	1	24	18.43	18.38	18.28	18.38	19.6	0
5	16QAM	12	0	18.56	18.60	18.47	18.50		
5	16QAM	12	7	18.45	18.57	18.37	18.50		
5	16QAM	12	13	18.48	18.52	18.38	18.29		
5	16QAM	25	0	18.49	18.37	18.41	18.31	19.6	0
5	64QAM	1	0	18.24	18.56	18.19	18.46		
5	64QAM	1	12	18.38	18.47	18.28	18.37		
5	64QAM	1	24	18.38	18.49	18.29	18.46		
5	64QAM	12	0	18.45	18.53	18.49	18.49	19.5	0.1
5	64QAM	12	7	18.42	18.52	18.39	18.32		
5	64QAM	12	13	18.31	18.40	18.30	18.33		
5	64QAM	25	0	18.17	18.45	18.27	18.37		
5	256QAM	1	0	16.87	17.03	16.80	16.87	17.5	2.1
5	256QAM	1	12	16.70	16.92	16.69	16.83		
5	256QAM	1	24	16.73	16.76	16.73	16.71		
5	256QAM	12	0	16.94	17.02	16.92	16.94	17.5	2.1
5	256QAM	12	7	16.84	16.93	16.85	16.85		
5	256QAM	12	13	16.82	16.85	16.80	16.79		
5	256QAM	25	0	17.01	17.14	16.97	17.10		

	GSM1900 Ant3	DSI3_Simultaneous							
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		29.42	29.49	29.46	30.50	20.42	20.49	20.46	21.50
GPRS 1 Tx slot		29.39	29.45	29.32	30.50	20.39	20.45	20.32	21.50
GPRS 2 Tx slots		26.28	26.42	26.38	27.60	20.28	20.42	20.38	21.60
GPRS 3 Tx slots		24.50	24.57	24.43	25.90	20.24	20.31	20.17	21.64
GPRS 4 Tx slots		22.88	22.92	22.86	24.50	19.88	19.92	19.86	21.50
EDGE 1 Tx slot		25.06	25.13	24.99	26.00	16.06	16.13	15.99	17.00
EDGE 2 Tx slots		23.33	23.43	23.40	24.50	17.33	17.43	17.40	18.50
EDGE 3 Tx slots		22.21	22.35	22.25	23.50	17.95	18.09	17.99	19.24
EDGE 4 Tx slots		20.13	20.18	20.06	21.00	17.13	17.18	17.06	18.00

		DSI3_Simultaneous WCDMA II Ant3				DSI3_Simultaneous WCDMA IV Ant3			
Band		WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	19.96	20.08	20.03	21.50	20.20	20.34	20.32	21.40
3GPP Rel 99	RMC 12.2Kbps	19.99	20.13	20.04	21.50	20.34	20.48	20.37	21.40
3GPP Rel 6	HSDPA Subtest-1	19.01	19.19	19.14	20.50	19.30	19.44	19.47	20.40
3GPP Rel 6	HSDPA Subtest-2	19.07	19.17	18.88	20.50	19.33	19.52	19.24	20.40
3GPP Rel 6	HSDPA Subtest-3	18.63	18.61	18.53	20.00	19.01	18.86	18.80	19.90
3GPP Rel 6	HSDPA Subtest-4	18.46	18.70	18.62	20.00	18.81	18.94	18.93	19.90
3GPP Rel 8	DC-HSDPA Subtest-1	19.08	19.18	19.04	20.50	19.34	19.52	19.36	20.40
3GPP Rel 8	DC-HSDPA Subtest-2	18.97	19.16	19.13	20.50	19.32	19.43	19.44	20.40
3GPP Rel 8	DC-HSDPA Subtest-3	18.35	18.54	18.50	20.00	18.61	18.92	18.69	19.90
3GPP Rel 8	DC-HSDPA Subtest-4	18.41	18.52	18.50	20.00	18.71	18.90	18.71	19.90
3GPP Rel 6	HSUPA Subtest-1	19.10	19.32	19.00	20.50	19.44	19.62	19.33	20.40
3GPP Rel 6	HSUPA Subtest-2	17.27	17.12	17.15	18.50	17.55	17.44	17.46	18.40
3GPP Rel 6	HSUPA Subtest-3	18.22	18.10	18.04	19.50	18.49	18.40	18.38	19.40
3GPP Rel 6	HSUPA Subtest-4	17.00	17.23	17.18	18.50	17.27	17.57	17.43	18.40
3GPP Rel 6	HSUPA Subtest-5	19.06	19.03	18.97	20.50	19.31	19.32	19.28	20.40

Band 2 DSI3_Simultaneous Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1880	1880	1900		
20	QPSK	1	0	20.14	20.23	20.17	21.3	0
20	QPSK	1	49	20.08	20.18	20.13		
20	QPSK	1	99	20.10	20.20	20.14		
20	QPSK	50	0	20.15	20.20	20.17		
20	QPSK	50	24	20.05	20.08	20.06		
20	QPSK	50	50	20.00	20.14	20.10		
20	QPSK	100	0	20.04	20.16	20.10		
20	16QAM	1	0	20.05	20.11	20.01		
20	16QAM	1	49	20.00	20.09	20.00		
20	16QAM	1	99	20.13	20.07	20.03		
20	16QAM	50	0	20.01	20.15	20.11		
20	16QAM	50	24	20.01	20.19	20.12		
20	16QAM	50	50	20.08	20.11	20.13		
20	16QAM	100	0	20.02	20.06	20.08		
20	64QAM	1	0	19.98	20.18	20.00		
20	64QAM	1	49	20.02	20.10	20.06		
20	64QAM	1	99	19.95	20.10	20.07		
20	64QAM	50	0	20.05	20.14	20.11		
20	64QAM	50	24	19.99	20.16	20.02		
20	64QAM	50	50	19.99	20.08	19.96		
20	64QAM	100	0	20.01	20.16	20.02		
20	256QAM	1	0	19.47	19.63	19.48		
20	256QAM	1	49	19.51	19.63	19.45	21	0.3
20	256QAM	1	99	19.38	19.43	19.33		
20	256QAM	50	0	19.37	19.53	19.37		
20	256QAM	50	24	19.33	19.39	19.36	21	0.3
20	256QAM	50	50	19.25	19.35	19.32		
20	256QAM	100	0	19.43	19.63	19.49		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	19.99	20.18	20.02	21.3	0
15	QPSK	1	37	19.97	20.07	20.05		
15	QPSK	1	74	19.95	20.15	20.06		
15	QPSK	36	0	20.11	20.13	20.11		
15	QPSK	36	20	19.93	20.04	19.98		
15	QPSK	36	39	19.93	20.01	19.97		
15	QPSK	75	0	19.98	20.01	19.96		
15	16QAM	1	0	19.94	20.00	19.93		
15	16QAM	1	37	19.86	19.94	19.89	21.3	0
15	16QAM	1	74	20.05	19.97	19.93		
15	16QAM	36	0	19.96	20.04	20.05		
15	16QAM	36	20	19.96	20.15	20.03	21.3	0
15	16QAM	36	39	19.95	20.00	20.07		
15	16QAM	75	0	19.89	20.01	19.99		
15	64QAM	1	0	19.93	20.09	19.90		
15	64QAM	1	37	19.89	19.99	19.94	21.3	0
15	64QAM	1	74	19.86	19.97	19.94		
15	64QAM	36	0	19.99	20.00	20.01		
15	64QAM	36	20	19.87	20.06	19.89	21.3	0
15	64QAM	36	39	19.92	19.97	19.83		
15	64QAM	75	0	19.87	20.04	19.97		
15	256QAM	1	0	19.35	19.58	19.38		
15	256QAM	1	37	19.39	19.50	19.40	21	0.3
15	256QAM	1	74	19.33	19.30	19.26		
15	256QAM	36	0	19.27	19.45	19.29		
15	256QAM	36	20	19.23	19.25	19.26	21	0.3
15	256QAM	36	39	19.14	19.23	19.20		
15	256QAM	75	0	19.39	19.51	19.42		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	20.11	20.16	20.10	21.3	0
10	QPSK	1	25	19.95	20.14	20.07		
10	QPSK	1	49	20.04	20.08	20.11		
10	QPSK	25	0	20.08	20.12	20.09		
10	QPSK	25	12	19.93	20.00	19.91	21.3	0
10	QPSK	25	25	19.88	20.01	20.05		
10	QPSK	50	0	19.95	20.12	19.95		
10	16QAM	1	0	19.92	20.06	19.95		
10	16QAM	1	25	19.89	20.03	19.87	21.3	0
10	16QAM	1	49	20.01	19.98	19.89		
10	16QAM	25	0	19.95	20.12	19.98		
10	16QAM	25	12	19.89	20.04	20.07	21.3	0
10	16QAM	25	25	19.95	20.03	20.03		
10	16QAM	50	0	19.92	19.96	19.98		
10	64QAM	1	0	19.84	20.09	19.90		
10	64QAM	1	25	19.95	20.01	20.02	21.3	0
10	64QAM	1	49	19.82	19.98	19.96		
10	64QAM	25	0	19.91	20.07	19.96		
10	64QAM	25	12	19.88	20.05	19.96	21.3	0
10	64QAM	25	25	19.87	19.99	19.85		
10	64QAM	50	0	19.94	20.07	19.87		
10	256QAM	1	0	19.36	19.58	19.41		
10	256QAM	1	25	19.38	19.57	19.34	21	0.3
10	256QAM	1	49	19.27	19.31	19.27		
10	256QAM	25	0	19.25	19.46	19.32		
10	256QAM	25	12	19.28	19.30	19.26	21	0.3
10	256QAM	25	25	19.14	19.28	19.19		
10	256QAM	50	0	19.33	19.54	19.39		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	20.00	20.12	20.10	21.3	0
5	QPSK	1	12	19.98	20.09	19.94		
5	QPSK	1	24	20.05	20.07	20.05		
5	QPSK	12	0	20.03	20.09	20.08		
5	QPSK	12	7	19.93	20.01	20.00	21.3	0
5	QPSK	12	13	19.90	20.00	19.98		
5	QPSK	25	0	19.94	20.07	19.99		
5	16QAM	1	0	19.98	19.97	19.97		
5	16QAM	1	12	19.93	20.05	19.94	21.3	0
5	16QAM	1	24	20.05	20.03	19.89		
5	16QAM	12	0	19.86	20.01	20.01		
5	16QAM	12	7	19.87	20.08	19.97	21.3	0
5	16QAM	12	13	20.01	20.06	19.98		
5	16QAM	25	0	19.90	19.95	19.94		
5	64QAM	1	0	19.88	20.12	19.86		
5	64QAM	1	12	19.97	19.95	19.96	21.3	0
5	64QAM	1	24	19.86	20.05	19.97		
5	64QAM	12	0	19.96	20.03	20.04		
5	64QAM	12	7	19.93	20.12	19.93	21.3	0
5	64QAM	12	13	19.92	19.98	19.81		
5	64QAM	25	0	19.87	20.02	19.98		
5	256QAM	1	0	19.37	19.50	19.39		
5	256QAM	1	12	19.43	19.52	19.42	21	0.3
5	256QAM	1	24	19.25	19.33	19.29		
5	256QAM	12	0	19.26	19.42	19.33		
5	256QAM	12	7	19.28	19.33	19.25	21	0.3
5	256QAM	12	13	19.13	19.29	19.28		
5	256QAM	25	0	19.29	19.59	19.46		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	20.01	20.20	20.10	21.3	0
3	QPSK	1	8	19.96	20.08	20.08		
3	QPSK	1	14	20.05	20.08	20.02		
3	QPSK	8	0	20.02	20.11	20.06		
3	QPSK	8	4	19.97	20.02	19.94	21.3	0
3	QPSK	8	7	19.94	20.00	19.99		
3	QPSK	15	0	20.00	20.01	20.00		
3	16QAM	1	0	20.02	20.00	19.87		
3	16QAM	1	8	19.85	19.96	19.85	21.3	0
3	16QAM	1	14	20.07	19.97	19.98		
3	16QAM	8	0	19.96	20.03	20.07		
3	16QAM	8	4	19.86	20.08	20.01	21.3	0
3	16QAM	8	7	19.94	20.00	20.05		
3	16QAM	15	0	19.97	19.99	20.01		
3	64QAM	1	0	19.83	20.07	19.90		
3	64QAM	1	8	19.93	20.05	19.98	21.3	0
3	64QAM	1	14	19.82	19.99	20.02		
3	64QAM	8	0	19.97	20.00	20.01		
3	64QAM	8	4	19.85	20.03	19.88	21.3	0
3	64QAM	8	7	19.90	20.01	19.87		
3	64QAM	15	0	19.93	20.11	19.89		
3	256QAM	1	0	19.42	19.56	19.35		
3	256QAM	1	8	19.37	19.55	19.37	21	0.3
3	256QAM	1	14	19.23	19.29	19.21		
3	256QAM	8	0	19.29	19.47	19.33		
3	256QAM	8	4	19.19	19.30	19.28	21	0.3
3	256QAM	8	7	19.21	19.30	19.25		
3	256QAM	15	0	19.36	19.59	19.36		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	20.03	20.17	20.13	21.3	0
1.4	QPSK	1	3	19.93	20.14	20.04		
1.4	QPSK	1	5	20.02	20.10	20.08		
1.4	QPSK	3	0	20.02	20.12	20.09		
1.4	QPSK	3	1	19.96	20.04	19.93		
1.4	QPSK	3	3	19.89	20.03	20.00		
1.4	QPSK	6	0	19.94	20.11	20.02	21.3	0
1.4	16QAM	1	0	19.94	20.04	19.90	21.3	0
1.4	16QAM	1	3	19.94	19.99	19.95		
1.4	16QAM	1	5	20.00	19.96	19.95		
1.4	16QAM	3	0	19.96	20.08	19.99		
1.4	16QAM	3	1	19.97	20.11	20.02		
1.4	16QAM	3	3	20.00	20.03	19.99		
1.4	16QAM	6	0	19.98	19.96	19.96	21.3	0
1.4	64QAM	1	0	19.93	20.08	19.95	21.3	0
1.4	64QAM	1	3	19.96	20.01	19.93		
1.4	64QAM	1	5	19.87	20.05	19.98		
1.4	64QAM	3	0	19.97	20.00	19.99		
1.4	64QAM	3	1	19.95	20.05	19.94		
1.4	64QAM	3	3	19.85	19.99	19.91		
1.4	64QAM	6	0	19.97	20.10	19.89	21.3	0
1.4	256QAM	1	0	19.34	19.57	19.40	21	0.3
1.4	256QAM	1	3	19.46	19.50	19.31		
1.4	256QAM	1	5	19.34	19.40	19.27		
1.4	256QAM	3	0	19.33	19.50	19.26		
1.4	256QAM	3	1	19.30	19.32	19.23		
1.4	256QAM	3	3	19.21	19.32	19.19		
1.4	256QAM	6	0	19.31	19.50	19.41	21	0.3

Band 4 DSI3_Simultaneous Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	20.31	20.42	20.39	21.8	0
20	QPSK	1	49	20.35	20.40	20.37		
20	QPSK	1	99	20.28	20.36	20.31		
20	QPSK	50	0	20.30	20.38	20.33		
20	QPSK	50	24	20.23	20.29	20.21		
20	QPSK	50	50	20.25	20.31	20.37		
20	QPSK	100	0	20.22	20.30	20.27		
20	16QAM	1	0	20.24	20.32	20.21		
20	16QAM	1	49	20.24	20.26	20.22		
20	16QAM	1	99	20.38	20.32	20.24		
20	16QAM	50	0	20.21	20.38	20.37		
20	16QAM	50	24	20.27	20.35	20.28		
20	16QAM	50	50	20.34	20.26	20.32		
20	16QAM	100	0	20.28	20.32	20.24		
20	64QAM	1	0	20.20	20.29	20.24		
20	64QAM	1	49	20.22	20.25	20.19		
20	64QAM	1	99	20.20	20.30	20.31		
20	64QAM	50	0	20.26	20.31	20.35		
20	64QAM	50	24	20.25	20.36	20.25		
20	64QAM	50	50	20.17	20.30	20.14		
20	64QAM	100	0	20.23	20.36	20.20		
20	256QAM	1	0	19.52	19.69	19.60		
20	256QAM	1	49	19.44	19.69	19.45	21	0.8
20	256QAM	1	99	19.40	19.44	19.50		
20	256QAM	50	0	19.56	19.67	19.56		
20	256QAM	50	24	19.43	19.53	19.45		
20	256QAM	50	50	19.38	19.42	19.38	21	0.8
20	256QAM	100	0	19.41	19.63	19.53		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	20.22	20.38	20.29	21.8	0
15	QPSK	1	37	20.21	20.37	20.26		
15	QPSK	1	74	20.15	20.20	20.22		
15	QPSK	36	0	20.26	20.33	20.21		
15	QPSK	36	20	20.13	20.25	20.10		
15	QPSK	36	39	20.17	20.21	20.30		
15	QPSK	75	0	20.11	20.29	20.18		
15	16QAM	1	0	20.19	20.27	20.07	21.8	0
15	16QAM	1	37	20.15	20.18	20.11		
15	16QAM	1	74	20.35	20.21	20.20		
15	16QAM	36	0	20.06	20.32	20.31		
15	16QAM	36	20	20.22	20.21	20.14	21.8	0
15	16QAM	36	39	20.31	20.16	20.17		
15	16QAM	75	0	20.14	20.18	20.18		
15	64QAM	1	0	20.06	20.24	20.15		
15	64QAM	1	37	20.09	20.18	20.07	21.8	0
15	64QAM	1	74	20.16	20.21	20.20		
15	64QAM	36	0	20.12	20.23	20.24		
15	64QAM	36	20	20.12	20.29	20.15	21.8	0
15	64QAM	36	39	20.02	20.25	20.09		
15	64QAM	75	0	20.10	20.29	20.12		
15	256QAM	1	0	19.45	19.58	19.46		
15	256QAM	1	37	19.39	19.64	19.42	21	0.8
15	256QAM	1	74	19.28	19.37	19.40		
15	256QAM	36	0	19.45	19.55	19.44		
15	256QAM	36	20	19.32	19.50	19.37	21	0.8
15	256QAM	36	39	19.23	19.36	19.28		
15	256QAM	75	0	19.30	19.55	19.47		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	20.20	20.32	20.24	21.8	0
10	QPSK	1	25	20.30	20.30	20.26		
10	QPSK	1	49	20.24	20.28	20.20		
10	QPSK	25	0	20.23	20.31	20.24		
10	QPSK	25	12	20.19	20.21	20.07	21.8	0
10	QPSK	25	25	20.13	20.20	20.24		
10	QPSK	50	0	20.14	20.20	20.19		
10	16QAM	1	0	20.17	20.26	20.16		
10	16QAM	1	25	20.09	20.16	20.16	21.8	0
10	16QAM	1	49	20.26	20.28	20.20		
10	16QAM	25	0	20.14	20.31	20.25		
10	16QAM	25	12	20.19	20.21	20.13	21.8	0
10	16QAM	25	25	20.27	20.18	20.18		
10	16QAM	50	0	20.14	20.21	20.19		
10	64QAM	1	0	20.17	20.19	20.14		
10	64QAM	1	25	20.14	20.16	20.11	21.8	0
10	64QAM	1	49	20.12	20.22	20.25		
10	64QAM	25	0	20.16	20.26	20.21		
10	64QAM	25	12	20.13	20.30	20.22	21.8	0
10	64QAM	25	25	20.12	20.21	20.04		
10	64QAM	50	0	20.08	20.30	20.11		
10	256QAM	1	0	19.46	19.64	19.55		
10	256QAM	1	25	19.31	19.58	19.33	21	0.8
10	256QAM	1	49	19.32	19.34	19.44		
10	256QAM	25	0	19.50	19.62	19.44		
10	256QAM	25	12	19.38	19.46	19.34	21	0.8
10	256QAM	25	25	19.30	19.29	19.31		
10	256QAM	50	0	19.36	19.52	19.44		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	20.23	20.35	20.30	21.8	0
5	QPSK	1	12	20.24	20.31	20.24		
5	QPSK	1	24	20.25	20.32	20.27		
5	QPSK	12	0	20.19	20.27	20.18		
5	QPSK	12	7	20.19	20.22	20.07	21.8	0
5	QPSK	12	13	20.12	20.18	20.25		
5	QPSK	25	0	20.17	20.31	20.14		
5	16QAM	1	0	20.14	20.22	20.13		
5	16QAM	1	12	20.18	20.13	20.13	21.8	0
5	16QAM	1	24	20.24	20.20	20.13		
5	16QAM	12	0	20.08	20.31	20.27		
5	16QAM	12	7	20.24	20.25	20.25	21.8	0
5	16QAM	12	13	20.31	20.12	20.26		
5	16QAM	25	0	20.21	20.26	20.21		
5	64QAM	1	0	20.06	20.25	20.19		
5	64QAM	1	12	20.18	20.16	20.06	21.8	0
5	64QAM	1	24	20.14	20.18	20.17		
5	64QAM	12	0	20.18	20.23	20.24		
5	64QAM	12	7	20.18	20.32	20.22	21.8	0
5	64QAM	12	13	20.12	20.23	20.04		
5	64QAM	25	0	20.16	20.25	20.05		
5	256QAM	1	0	19.38	19.65	19.51		
5	256QAM	1	12	19.36	19.54	19.35	21	0.8
5	256QAM	1	24	19.35	19.35	19.46		
5	256QAM	12	0	19.49	19.53	19.43		
5	256QAM	12	7	19.33	19.40	19.30	21	0.8
5	256QAM	12	13	19.32	19.33	19.30		
5	256QAM	25	0	19.31	19.52	19.43		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	20.17	20.31	20.27	21.8	0
3	QPSK	1	8	20.24	20.27	20.20		
3	QPSK	1	14	20.21	20.22	20.22		
3	QPSK	8	0	20.18	20.25	20.20		
3	QPSK	8	4	20.19	20.16	20.16	21.8	0
3	QPSK	8	7	20.13	20.24	20.19		
3	QPSK	15	0	20.12	20.26	20.23		
3	16QAM	1	0	20.14	20.22	20.17		
3	16QAM	1	8	20.18	20.17	20.10	21.8	0
3	16QAM	1	14	20.24	20.24	20.14		
3	16QAM	8	0	20.11	20.31	20.30		
3	16QAM	8	4	20.16	20.30	20.18	21.8	0
3	16QAM	8	7	20.27	20.18	20.26		
3	16QAM	15	0	20.21	20.26	20.13		
3	64QAM	1	0	20.11	20.17	20.10		
3	64QAM	1	8	20.19	20.21	20.06	21.8	0
3	64QAM	1	14	20.12	20.16	20.27		
3	64QAM	8	0	20.16	20.21	20.21		
3	64QAM	8	4	20.21	20.23	20.22	21.8	0
3	64QAM	8	7	20.05	20.24	20.02		
3	64QAM	15	0	20.20	20.22	20.12		
3	256QAM	1	0	19.43	19.63	19.52		
3	256QAM	1	8	19.32	19.64	19.35	21	0.8
3	256QAM	1	14	19.27	19.36	19.41		
3	256QAM	8	0	19.44	19.57	19.42		
3	256QAM	8	4	19.31	19.41	19.36	21	0.8
3	256QAM	8	7	19.31	19.33	19.25		
3	256QAM	15	0	19.35	19.59	19.47		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	20.27	20.37	20.30	21.8	0
1.4	QPSK	1	3	20.23	20.33	20.29		
1.4	QPSK	1	5	20.24	20.20	20.25		
1.4	QPSK	3	0	20.21	20.35	20.20		
1.4	QPSK	3	1	20.14	20.18	20.14		
1.4	QPSK	3	3	20.19	20.25	20.31		
1.4	QPSK	6	0	20.07	20.32	20.17	21.8	0
1.4	16QAM	1	0	20.17	20.18	20.12	21.8	0
1.4	16QAM	1	3	20.14	20.11	20.19		
1.4	16QAM	1	5	20.31	20.20	20.13		
1.4	16QAM	3	0	20.11	20.29	20.22		
1.4	16QAM	3	1	20.22	20.29	20.13		
1.4	16QAM	3	3	20.22	20.15	20.25		
1.4	16QAM	6	0	20.17	20.28	20.19	21.8	0
1.4	64QAM	1	0	20.17	20.21	20.21	21.8	0
1.4	64QAM	1	3	20.15	20.18	20.11		
1.4	64QAM	1	5	20.17	20.19	20.24		
1.4	64QAM	3	0	20.11	20.21	20.25		
1.4	64QAM	3	1	20.12	20.23	20.15		
1.4	64QAM	3	3	20.05	20.20	20.01		
1.4	64QAM	6	0	20.14	20.23	20.10	21.8	0
1.4	256QAM	1	0	19.38	19.55	19.47	21	0.8
1.4	256QAM	1	3	19.33	19.66	19.33		
1.4	256QAM	1	5	19.31	19.37	19.39		
1.4	256QAM	3	0	19.47	19.56	19.45		
1.4	256QAM	3	1	19.38	19.44	19.35		
1.4	256QAM	3	3	19.28	19.29	19.32		
1.4	256QAM	6	0	19.30	19.48	19.44	21	0.8

Band 7 DSI3_Simultaneous Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	21.71	21.83	21.76	22.9	0
20	QPSK	1	49	21.70	21.76	21.68		
20	QPSK	1	99	21.65	21.72	21.70		
20	QPSK	50	0	21.73	21.79	21.78		
20	QPSK	50	24	21.69	21.65	21.58		
20	QPSK	50	50	21.62	21.67	21.78		
20	QPSK	100	0	21.63	21.72	21.67		
20	16QAM	1	0	21.65	21.72	21.63		
20	16QAM	1	49	21.62	21.69	21.62		
20	16QAM	1	99	21.70	21.74	21.68		
20	16QAM	50	0	21.62	21.81	21.70		
20	16QAM	50	24	21.69

Band 25 DSI3_Simultaneous Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26599		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	20.27	20.34	20.22		
20	QPSK	1	49	20.23	20.31	20.18	21.3	0
20	QPSK	1	99	20.12	20.25	20.17		
20	QPSK	50	0	20.15	20.26	20.16		
20	QPSK	50	24	20.13	20.18	20.06	21.3	0
20	QPSK	50	50	20.10	20.20	20.16		
20	QPSK	100	0	20.12	20.21	20.11		
20	16QAM	1	0	20.08	20.12	20.01		
20	16QAM	1	49	20.11	20.23	20.16	21.3	0
20	16QAM	1	99	20.04	20.19	20.08		
20	16QAM	50	0	20.15	20.20	20.07		
20	16QAM	50	24	20.13	20.16	20.11	21.3	0
20	16QAM	50	50	20.07	20.18	20.13		
20	16QAM	100	0	20.15	20.23	20.19		
20	64QAM	1	0	20.01	20.12	19.98		
20	64QAM	1	49	20.02	20.16	20.03	21.3	0
20	64QAM	1	99	20.02	20.11	20.08		
20	64QAM	50	0	20.08	20.21	20.11		
20	64QAM	50	24	20.12	20.17	20.07	21.3	0
20	64QAM	50	50	20.06	20.20	20.10		
20	64QAM	100	0	20.07	20.10	20.04		
20	256QAM	1	0	19.51	19.65	19.52		
20	256QAM	1	49	19.43	19.65	19.47	21	0.3
20	256QAM	1	99	19.44	19.42	19.40		
20	256QAM	50	0	19.45	19.63	19.53		
20	256QAM	50	24	19.38	19.46	19.41	21	0.3
20	256QAM	50	50	19.42	19.40	19.39		
20	256QAM	100	0	19.44	19.66	19.54		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	20.21	20.31	20.08		
15	QPSK	1	37	20.09	20.20	20.09	21.3	0
15	QPSK	1	74	20.02	20.19	20.03		
15	QPSK	36	0	20.04	20.14	20.02		
15	QPSK	36	20	20.04	20.14	19.97	21.3	0
15	QPSK	36	39	19.96	20.12	20.12		
15	QPSK	75	0	19.97	20.07	20.07		
15	16QAM	1	0	20.03	20.00	19.93		
15	16QAM	1	37	20.01	20.20	20.03	21.3	0
15	16QAM	1	74	19.95	20.13	19.93		
15	16QAM	36	0	20.10	20.15	20.03		
15	16QAM	36	20	20.01	20.03	19.97	21.3	0
15	16QAM	36	39	19.98	20.12	20.06		
15	16QAM	75	0	20.10	20.11	20.07		
15	64QAM	1	0	19.89	20.02	19.94		
15	64QAM	1	37	19.88	20.10	19.99	21.3	0
15	64QAM	1	74	19.94	19.97	20.03		
15	64QAM	36	0	20.02	20.17	20.06		
15	64QAM	36	20	20.01	20.04	20.02	21.3	0
15	64QAM	36	39	20.00	20.15	20.00		
15	64QAM	75	0	19.94	20.04	19.90		
15	256QAM	1	0	19.37	19.53	19.38		
15	256QAM	1	37	19.40	19.61	19.37	21	0.3
15	256QAM	1	74	19.30	19.38	19.36		
15	256QAM	36	0	19.35	19.53	19.41		
15	256QAM	36	20	19.29	19.43	19.29	21	0.3
15	256QAM	36	39	19.34	19.35	19.26		
15	256QAM	75	0	19.32	19.53	19.40		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	20.15	20.25	20.15		
10	QPSK	1	25	20.14	20.24	20.06	21.3	0
10	QPSK	1	49	19.99	20.12	20.11		
10	QPSK	25	0	20.06	20.16	20.05		
10	QPSK	25	12	20.08	20.06	19.94	21.3	0
10	QPSK	25	25	20.00	20.05	20.08		
10	QPSK	50	0	20.02	20.07	20.05		
10	16QAM	1	0	19.96	20.08	19.94		
10	16QAM	1	25	20.02	20.19	20.02	21.3	0
10	16QAM	1	49	19.93	20.12	19.93		
10	16QAM	25	0	20.06	20.06	19.93		
10	16QAM	25	12	20.02	20.04	19.98	21.3	0
10	16QAM	25	25	20.03	20.03	20.10		
10	16QAM	50	0	20.02	20.16	20.14		
10	64QAM	1	0	19.98	20.02	19.90		
10	64QAM	1	25	19.97	20.12	19.96	21.3	0
10	64QAM	1	49	19.96	20.04	20.00		
10	64QAM	25	0	19.97	20.07	20.01		
10	64QAM	25	12	20.05	20.08	19.97	21.3	0
10	64QAM	25	25	19.94	20.13	20.03		
10	64QAM	50	0	19.93	20.04	19.92		
10	256QAM	1	0	19.48	19.55	19.43		
10	256QAM	1	25	19.39	19.59	19.44	21	0.3
10	256QAM	1	49	19.35	19.35	19.35		
10	256QAM	25	0	19.32	19.53	19.48		
10	256QAM	25	12	19.32	19.32	19.33	21	0.3
10	256QAM	25	25	19.37	19.28	19.25		
10	256QAM	50	0	19.41	19.53	19.47		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	20.13	20.30	20.08		
5	QPSK	1	12	20.14	20.17	20.12	21.3	0
5	QPSK	1	24	20.00	20.22	20.12		
5	QPSK	12	0	20.11	20.13	20.06		
5	QPSK	12	7	19.99	20.11	19.99	21.3	0
5	QPSK	12	13	19.95	20.07	20.08		
5	QPSK	25	0	20.07	20.14	20.05		
5	16QAM	1	0	19.95	20.02	19.89		
5	16QAM	1	12	20.01	20.19	20.06	21.3	0
5	16QAM	1	24	19.98	20.07	20.01		
5	16QAM	12	0	20.10	20.10	19.94		
5	16QAM	12	7	20.03	20.06	20.08	21.3	0
5	16QAM	12	13	19.97	20.13	20.08		
5	16QAM	25	0	20.10	20.15	20.12		
5	64QAM	1	0	19.93	19.98	19.89		
5	64QAM	1	12	19.91	20.04	19.98	21.3	0
5	64QAM	1	24	19.97	19.96	20.04		
5	64QAM	12	0	19.96	20.16	19.98		
5	64QAM	12	7	20.00	20.05	19.92	21.3	0
5	64QAM	12	13	19.92	20.09	20.03		
5	64QAM	25	0	19.93	19.97	19.95		
5	256QAM	1	0	19.47	19.57	19.38		
5	256QAM	1	12	19.38	19.52	19.33	21	0.3
5	256QAM	1	24	19.31	19.30	19.28		
5	256QAM	12	0	19.37	19.58	19.42		
5	256QAM	12	7	19.32	19.41	19.26	21	0.3
5	256QAM	12	13	19.38	19.32	19.30		
5	256QAM	25	0	19.31	19.60	19.40		
Channel				26025	26340	26715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	20.14	20.21	20.07		
3	QPSK	1	8	20.13	20.18	20.04	21.3	0
3	QPSK	1	14	20.06	20.17	20.13		
3	QPSK	8	0	20.05	20.12	20.10		
3	QPSK	8	4	20.06	20.09	20.00	21.3	0
3	QPSK	8	7	19.98	20.06	20.02		
3	QPSK	15	0	20.08	20.10	20.07		
3	16QAM	1	0	19.96	20.00	19.89		
3	16QAM	1	8	20.02	20.15	20.12	21.3	0
3	16QAM	1	14	19.91	20.09	19.96		
3	16QAM	8	0	20.01	20.14	20.02		
3	16QAM	8	4	19.99	20.13	19.98	21.3	0
3	16QAM	8	7	19.93	20.14	20.10		
3	16QAM	15	0	20.01	20.15	20.10		
3	64QAM	1	0	19.91	20.03	19.93		
3	64QAM	1	8	19.92	20.10	20.00	21.3	0
3	64QAM	1	14	19.96	20.05	19.94		
3	64QAM	8	0	20.03	20.10	19.96		
3	64QAM	8	4	20.01	20.12	20.00	21.3	0
3	64QAM	8	7	19.99	20.13	20.06		
3	64QAM	15	0	19.93	20.01	19.90		
3	256QAM	1	0	19.47	19.54	19.40		
3	256QAM	1	8	19.37	19.61	19.37	21	0.3
3	256QAM	1	14	19.39	19.30	19.27		
3	256QAM	8	0	19.37	19.53	19.50		
3	256QAM	8	4	19.24	19.41	19.32	21	0.3
3	256QAM	8	7	19.28	19.32	19.36		
3	256QAM	15	0	19.32	19.62	19.43		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	20.19	20.23	20.17		
1.4	QPSK	1	3	20.11	20.21	20.07		
1.4	QPSK	1	5	20.06	20.20	20.08	21.3	0
1.4	QPSK	3	0	20.07	20.17	20.06		
1.4	QPSK	3	1	20.05	20.11	19.93		
1.4	QPSK	3	3	20.03	20.11	20.07		
1.4	QPSK	6	0	20.01	20.10	19.99	21.3	0
1.4	16QAM	1	0	20.01	20.00	19.91		
1.4	16QAM	1	3	20.00	20.15	20.05		
1.4	16QAM	1	5	19.92	20.04	19.97	21.3	0
1.4	16QAM	3	0	20.01	20.09	20.02		
1.4	16QAM	3	1	20.00	20.10	20.07		
1.4	16QAM	3	3	19.97	20.14	20.08		
1.4	16QAM	6	0	20.05	20.17	20.13	21.3	0
1.4	64QAM	1	0	19.90	20.03	19.88		
1.4	64QAM	1	3	19.96	20.02	19.90		
1.4	64QAM	1	5	19.93	20.05	20.00	21.3	0
1.4	64QAM	3	0	20.02	20.09	20.04		
1.4	64QAM	3	1	20.06	20.04	19.99		
1.4	64QAM	3	3	19.96	20.16	20.02		
1.4	64QAM	6	0	20.03	20.03	19.95	21.3	0
1.4	256QAM	1	0	19.47	19.53	19.45		
1.4	256QAM	1	3	19.40	19.57	19.35		
1.4	256QAM	1	5	19.32	19.38	19.34	21	0.3
1.4	256QAM	3	0	19.36	19.52	19.48		
1.4	256QAM	3	1	19.34	19.33	19.27		
1.4	256QAM	3	3	19.35	19.31	19.31		
1.4	256QAM	6	0	19.34	19.58	19.40	21	0.3

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		21.97			
10	QPSK	1	25		21.90		23	0
10	QPSK	1	49		21.84			
10	QPSK	25	0		21.92			
10	QPSK	25	12		21.83		23	0
10	QPSK	25	25		21.80			
10	QPSK	50	0		21.78			
10	16QAM	1	0		21.75			
10	16QAM	1	25		21.79		23	0
10	16QAM	1	49		21.77			
10	16QAM	25	0		21.79			
10	16QAM	25	12		21.78		23	0
10	16QAM	25	25		21.82			
10	16QAM	50	0		21.81			
10	64QAM	1	0		21.78			
10	64QAM	1	25		21.71		23	0
10	64QAM	1	49		21.67			
10	64QAM	25	0		21.81			
10	64QAM	25	12		21.69		23	0
10	64QAM	25	25		21.58			
10	64QAM	50	0		21.67			
10	256QAM	1	0		19.84			
10	256QAM	1	25		19.84		21	2
10	256QAM	1	49		19.70			
10	256QAM	25	0		19.79			
10	256QAM	25	12		19.66		21	2
10	256QAM	25	25		19.57			
10	256QAM	50	0		19.79			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	21.86	21.93	21.83		
5	QPSK	1	12	21.81	21.92	21.76	23	0
5	QPSK	1	24	21.70	21.90	21.81		
5	QPSK	12	0	21.70	21.83	21.82		
5	QPSK	12	7	21.78	21.82	21.64	23	0
5	QPSK	12	13	21.74	21.82	21.74		
5	QPSK	25	0	21.75	21.78	21.67		
5	16QAM	1	0	21.67	21.78	21.67		
5	16QAM	1	12	21.76	21.80	21.73	23	0
5	16QAM	1	24	21.69	21.83	21.67		
5	16QAM	12	0	21.79	21.77	21.63		
5	16QAM	12	7	21.71	21.72	21.78	23	0
5	16QAM	12	13	21.63	21.80	21.69		
5	16QAM	25	0	21.74	21.85	21.84		
5	64QAM	1	0	21.60	21.75	21.59		
5	64QAM	1	12	21.62	21.81	21.60	23	0
5	64QAM	1	24	21.63	21.75	21.75		
5	64QAM	12	0	21.68	21.69	21.69		
5	64QAM	12	7	21.65	21.61	21.64	23	0
5	64QAM	12	13	21.53	21.52	21.43		
5	64QAM	25	0	21.62	21.57	21.63		
5	256QAM	1	0	19.74	19.76	19.75		
5	256QAM	1	12	19.76	19.72	19.75	21	2
5	256QAM	1	24	19.62	19.63	19.64		
5	256QAM	12	0	19.74	19.71	19.64		
5	256QAM	12	7	19.58	19.54	19.58	21	2
5	256QAM	12	13	19.50	19.46	19.47		
5	256QAM	25	0	19.70	19.69	19.67		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				131972	132322	132672		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	20.35	20.44	20.31		
20	QPSK	1	49	20.27	20.35	20.25	21.8	0
20	QPSK	1	99	20.24	20.39	20.26		
20	QPSK	50	0	20.32	20.38	20.36		
20	QPSK	50	24	20.33	20.28	20.23	21.8	0
20	QPSK	50	50	20.25	20.31	20.33		
20	QPSK	100	0	20.30	20.32	20.27		
20	16QAM	1	0	20.25	20.28	20.26		
20	16QAM	1	49	20.17	20.23	20.21	21.8	0
20	16QAM	1	99	20.29	20.32	20.27		
20	16QAM	50	0	20.22	20.34	20.26		
20	16QAM	50	24	20.31	20.37	20.30	21.8	0
20	16QAM	50	50	20.19	20.31	20.21		
20	16QAM	100	0	20.27	20.29	20.22		
20	64QAM	1	0	20.22	20.30	20.19		
20	64QAM	1	49	20.24	20.31	20.26	21.8	0
20	64QAM	1	99	20.22	20.28	20.27		
20	64QAM	50	0	20.21	20.28	20.35		
20	64QAM	50	24	20.25	20.30	20.26	21.8	0
20	64QAM	50	50	20.20	20.24	20.07		
20	64QAM	100	0	20.19	20.34	20.25		
20	256QAM	1	0	19.58	19.75	19.61		
20	256QAM	1	49	19.57	19.75	19.54	21	0.8
20	256QAM	1	99	19.47	19.51	19.48		
20	256QAM	50	0	19.58	19.71	19.61		
20	256QAM	50	24	19.56	19.61	19.46	21	0.8
20	256QAM	50	50	19.46	19.53	19.50		
20	256QAM	100	0	19.45	19.64	19.54		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	20.25	20.40	20.19		
15	QPSK	1	37	20.19	20.24	20.11	21.8	0
15	QPSK	1	74	20.12	20.34	20.14		
15	QPSK	36	0	20.23	20.30	20.24		
15	QPSK	36	20	20.19	20.15	20.14	21.8	0
15	QPSK	36	39	20.18	20.25	20.21		
15	QPSK	75	0	20.19	20.18	20.16		
15	16QAM	1	0	20.21	20.19	20.15		
15	16QAM	1	37	20.04	20.16	20.16	21.8	0
15	16QAM	1	74	20.23	20.23	20.13		
15	16QAM	36	0	20.19	20.20	20.12		
15	16QAM	36	20	20.20	20.23	20.22	21.8	0
15	16QAM	36	39	20.09	20.23	20.12		
15	16QAM	75	0	20.19	20.18	20.09		
15	64QAM	1	0	20.08	20.16	20.14		
15	64QAM	1	37	20.10	20.27	20.19	21.8	0
15	64QAM	1	74	20.12	20.23	20.15		
15	64QAM	36	0	20.08	20.18	20.26		
15	64QAM	36	20	20.18	20.02	20.20	21.8	0
15	64QAM	36	39	20.16	20.20	19.93		
15	64QAM	75	0	20.15	20.24	20.19		
15	256QAM	1	0	19.49	19.67	19.56		
15	256QAM	1	37	19.51	19.71	19.45	21	0.8
15	256QAM	1	74	19.37	19.37	19.39		
15	256QAM	36	0	19.47	19.62	19.54		
15	256QAM	36	20	19.43	19.54	19.36	21	0.8
15	256QAM	36	39	19.38	19.48	19.37		
15	256QAM	75	0	19.40	19.50	19.45		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	20.22	20.37	20.23		
10	QPSK	1	25	20.22	20.22	20.20	21.8	0
10	QPSK	1	49	20.11	20.27	20.14		
10	QPSK	25	0	20.25	20.27	20.28		
10	QPSK	25	12	20.23	20.16	20.19	21.8	0
10	QPSK	25	25	20.17	20.28	20.28		
10	QPSK	50	0	20.20	20.24	20.21		
10	16QAM	1	0	20.15	20.23	20.17		
10	16QAM	1	25	20.13	20.09	20.16	21.8	0
10	16QAM	1	49	20.21	20.23	20.17		
10	16QAM	25	0	20.18	20.22	20.16		
10	16QAM	25	12	20.25	20.31	20.21	21.8	0
10	16QAM	25	25	20.06	20.26	20.06		
10	16QAM	50	0	20.13	20.20	20.18		
10	64QAM	1	0	20.17	20.23	20.13		
10	64QAM	1	25	20.12	20.24	20.20	21.8	0
10	64QAM	1	49	20.10	20.21	20.20		
10	64QAM	25	0	20.12	20.23	20.22		
10	64QAM	25	12	20.18	20.24	20.11	21.8	0
10	64QAM	25	25	20.06	20.18	20.01		
10	64QAM	50	0	20.08	20.22	20.19		
10	256QAM	1	0	19.45	19.68	19.49		
10	256QAM	1	25	19.42	19.63	19.44	21	0.8
10	256QAM	1	49	19.44	19.42	19.37		
10	256QAM	25	0	19.48	19.68	19.49		
10	256QAM	25	12	19.44	19.53	19.42	21	0.8
10	256QAM	25	25	19.38	19.44	19.41		
10	256QAM	50	0	19.32	19.52	19.42		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	20.27	20.33	20.22		
5	QPSK	1	12	20.20	20.22	20.21	21.8	0
5	QPSK	1	24	20.20	20.29	20.15		
5	QPSK	12	0	20.17	20.30	20.21		
5	QPSK	12	7	20.28	20.17	20.09	21.8	0
5	QPSK	12	13	20.21	20.22	20.25		
5	QPSK	25	0	20.20	20.26	20.19		
5	16QAM	1	0	20.15	20.18	20.11		
5	16QAM	1	12	20.03	20.10	20.17	21.8	0
5	16QAM	1	24	20.15	20.25	20.23		
5	16QAM	12	0	20.19	20.21	20.11		
5	16QAM	12	7	20.21	20.32	20.22	21.8	0
5	16QAM	12	13	20.07	20.27	20.15		
5	16QAM	25	0	20.23	20.25	20.08		
5	64QAM	1	0	20.13	20.25	20.12		
5	64QAM	1	12	20.19	20.22	20.12	21.8	0
5	64QAM	1	24	20.11	20.18	20.24		
5	64QAM	12	0	20.10	20.24	20.21		
5	64QAM	12	7	20.12	20.15	20.22	21.8	0
5	64QAM	12	13	20.09	20.16	19.93		
5	64QAM	25	0	20.08	20.23	20.19		
5	256QAM	1	0	19.52	19.64	19.54		
5	256QAM	1	12	19.43	19.72	19.42	21	0.8
5	256QAM	1	24	19.43	19.41	19.39		
5	256QAM	12	0	19.51	19.59	19.52		
5	256QAM	12	7	19.50	19.53	19.34	21	0.8
5	256QAM	12	13	19.40	19.39	19.44		
5	256QAM	25	0	19.37	19.57	19.44		
Channel				131947	132322	132697	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	20.20	20.40	20.23		
3	QPSK	1	8	20.14	20.28	20.21	21.8	0
3	QPSK	1	14	20.15	20.25	20.11		
3	QPSK	8	0	20.24	20.25	20.29		
3	QPSK	8	4	20.18	20.17	20.09	21.8	0
3	QPSK	8	7	20.18	20.27	20.28		
3	QPSK	15	0	20.27	20.27	20.23		
3	16QAM	1	0	20.14	20.17	20.15		
3	16QAM	1	8	20.02	20.14	20.09	21.8	0
3	16QAM	1	14	20.14	20.28	20.21		
3	16QAM	8	0	20.13	20.26	20.15		
3	16QAM	8	4	20.23	20.25	20.23	21.8	0
3	16QAM	8	7	20.07	20.23	20.17		
3	16QAM	15	0	20.23	20.23	20.13		
3	64QAM	1	0	20.08	20.18	20.10		
3	64QAM	1	8	20.12	20.25	20.11	21.8	0
3	64QAM	1	14	20.09	20.23	20.15		
3	64QAM	8	0	20.11	20.16	20.30		
3	64QAM

Band 38 DSI3_Simultaneous Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	19.33	19.49	19.34	20.6	0
20	QPSK	1	49	19.24	19.32	19.26		
20	QPSK	1	99	19.18	19.22	19.23		
20	QPSK	50	0	19.15	19.43	19.23	20.6	0
20	QPSK	50	24	19.09	19.32	19.23		
20	QPSK	50	50	19.01	19.17	19.21		
20	QPSK	100	0	19.16	19.30	19.21		
20	16QAM	1	0	19.09	19.25	19.23	20.6	0
20	16QAM	1	49	19.12	19.18	19.12		
20	16QAM	1	99	18.98	19.25	19.02		
20	16QAM	50	0	19.36	19.26	19.28	20.6	0
20	16QAM	50	24	19.22	19.42	19.28		
20	16QAM	50	50	19.25	19.34	19.18		
20	16QAM	100	0	19.26	19.41	19.35		
20	64QAM	1	0	19.22	19.42	19.13	20.6	0
20	64QAM	1	49	19.19	19.37	19.32		
20	64QAM	1	99	19.09	19.33	19.21		
20	64QAM	50	0	19.25	19.30	19.36	20.6	0
20	64QAM	50	24	19.29	19.38	19.12		
20	64QAM	50	50	19.21	19.16	19.24		
20	64QAM	100	0	19.41	19.38	19.27		
20	256QAM	1	0	19.22	19.41	19.17	20.5	0.1
20	256QAM	1	49	19.20	19.36	19.32		
20	256QAM	1	99	19.30	19.28	19.26		
20	256QAM	50	0	19.18	19.13	19.23	20.5	0.1
20	256QAM	50	24	19.38	19.14	19.32		
20	256QAM	50	50	19.18	19.22	19.28		
20	256QAM	100	0	19.21	19.40	19.38		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	19.18	19.26	19.23	20.6	0
15	QPSK	1	37	19.16	19.11	19.04		
15	QPSK	1	74	18.92	19.10	19.00		
15	QPSK	36	0	18.89	19.21	19.05	20.6	0
15	QPSK	36	20	18.80	19.18	19.06		
15	QPSK	36	39	18.87	19.09	18.95		
15	QPSK	75	0	19.02	19.01	18.98		
15	16QAM	1	0	18.89	18.96	19.12	20.6	0
15	16QAM	1	37	19.04	18.94	18.93		
15	16QAM	1	74	18.75	19.15	18.89		
15	16QAM	36	0	19.08	19.32	19.11	20.6	0
15	16QAM	36	20	19.04	19.26	19.18		
15	16QAM	36	39	19.17	19.18	19.03		
15	16QAM	75	0	19.35	19.24	19.09		
15	64QAM	1	0	18.94	19.33	19.23	20.6	0
15	64QAM	1	37	18.96	19.14	19.04		
15	64QAM	1	74	18.84	19.13	18.99		
15	64QAM	36	0	18.99	19.11	19.18	20.6	0
15	64QAM	36	20	19.19	19.20	18.81		
15	64QAM	36	39	18.94	18.92	19.00		
15	64QAM	75	0	19.17	19.28	19.17		
15	256QAM	1	0	19.21	19.42	19.25	20.5	0.1
15	256QAM	1	37	19.03	19.27	19.17		
15	256QAM	1	74	19.19	19.12	19.08		
15	256QAM	36	0	19.17	19.34	19.05	20.5	0.1
15	256QAM	36	20	19.23	19.02	19.05		
15	256QAM	36	39	19.27	19.11	19.16		
15	256QAM	75	0	19.26	19.31	19.24		
Channel				37600	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	19.15	19.28	19.24	20.6	0
10	QPSK	1	25	18.97	19.21	18.96		
10	QPSK	1	49	18.88	18.95	18.92		
10	QPSK	25	0	18.95	19.20	18.97	20.6	0
10	QPSK	25	12	18.87	19.19	19.06		
10	QPSK	25	25	18.73	19.07	19.05		
10	QPSK	50	0	18.87	19.21	19.08		
10	16QAM	1	0	18.81	18.98	19.11	20.6	0
10	16QAM	1	25	18.91	19.06	18.96		
10	16QAM	1	49	18.67	18.99	18.82		
10	16QAM	25	0	19.13	19.36	19.14	20.6	0
10	16QAM	25	12	18.97	19.34	19.14		
10	16QAM	25	25	19.14	19.08	19.08		
10	16QAM	50	0	19.41	19.38	19.24		
10	64QAM	1	0	18.97	19.22	19.15	20.6	0
10	64QAM	1	25	18.88	19.28	19.05		
10	64QAM	1	49	18.79	19.16	19.07		
10	64QAM	25	0	19.16	19.02	19.12	20.6	0
10	64QAM	25	12	19.17	19.22	18.95		
10	64QAM	25	25	19.03	18.99	18.98		
10	64QAM	50	0	19.32	19.19	19.02		
10	256QAM	1	0	19.22	19.42	19.14	20.5	0.1
10	256QAM	1	25	19.23	19.35	19.05		
10	256QAM	1	49	19.00	19.10	19.20		
10	256QAM	25	0	19.21	19.33	19.15	20.5	0.1
10	256QAM	25	12	19.27	19.09	19.13		
10	256QAM	25	25	19.22	19.09	18.99		
10	256QAM	50	0	19.24	19.35	19.32		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	19.14	19.26	19.15	20.6	0
5	QPSK	1	12	19.07	19.18	18.97		
5	QPSK	1	24	18.95	18.91	19.02		
5	QPSK	12	0	18.86	19.19	19.01	20.6	0
5	QPSK	12	7	18.83	19.07	19.09		
5	QPSK	12	13	18.90	18.93	19.12		
5	QPSK	25	0	18.86	19.11	19.03		
5	16QAM	1	0	19.00	19.07	18.93	20.6	0
5	16QAM	1	12	18.85	19.03	18.90		
5	16QAM	1	24	18.71	19.00	18.90		
5	16QAM	12	0	19.20	19.36	19.18	20.6	0
5	16QAM	12	7	19.01	19.17	19.09		
5	16QAM	12	13	19.10	19.16	19.05		
5	16QAM	25	0	19.28	19.23	19.20		
5	64QAM	1	0	18.97	19.29	19.29	20.6	0
5	64QAM	1	12	18.90	19.08	19.17		
5	64QAM	1	24	18.89	19.10	19.09		
5	64QAM	12	0	18.94	19.15	19.05	20.6	0
5	64QAM	12	7	19.06	19.12	19.04		
5	64QAM	12	13	19.02	18.85	19.15		
5	64QAM	25	0	19.32	19.17	19.16		
5	256QAM	1	0	18.97	19.33	19.24	20.5	0.1
5	256QAM	1	12	19.13	19.26	19.21		
5	256QAM	1	24	19.11	19.12	18.92		
5	256QAM	12	0	19.29	19.37	19.02	20.5	0.1
5	256QAM	12	7	19.14	19.17	19.16		
5	256QAM	12	13	19.14	19.21	19.16		
5	256QAM	25	0	19.22	19.21	19.21		

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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	19.45	19.45	19.59	19.27	19.29	20.6	0
20	QPSK	1	49	19.17	19.26	19.33	19.25	19.24		
20	QPSK	1	99	19.26	19.18	19.16	19.26	19.18		
20	QPSK	50	0	19.45	19.40	19.52	19.42	19.28	20.6	0
20	QPSK	50	24	19.28	19.37	19.34	19.45	19.42		
20	QPSK	50	50	19.05	19.34	19.38	19.18	19.11		
20	QPSK	100	0	19.27	19.26	19.48	19.14	19.39		
20	16QAM	1	0	19.58	19.56	19.49	19.55	19.48	20.6	0
20	16QAM	1	49	19.42	19.55	19.45	19.42	19.48		
20	16QAM	1	99	19.55	19.55	19.54	19.50	19.53		
20	16QAM	50	0	19.52	19.30	19.48	19.27	19.51	20.6	0
20	16QAM	50	24	19.16	19.19	19.32	19.39	19.36		
20	16QAM	50	50	19.21	19.15	19.38	19.29	19.25		
20	16QAM	100	0	19.44	19.51	19.50	19.35	19.55		
20	64QAM	1	0	19.54	19.38	19.58	19.56	19.49	20.6	0
20	64QAM	1	49	19.46	19.43	19.40	19.43	19.35		
20	64QAM	1	99	19.34	19.23	19.48	19.17	19.45		
20	64QAM	50	0	19.38	19.20	19.41	19.32	19.23	20.6	0
20	64QAM	50	24	19.12	19.04	19.25	19.15	19.02		
20	64QAM	50	50	19.18	19.11	19.22	19.23	19.03		
20	64QAM	100	0	19.17	19.16	19.30	19.14	19.13		
20	256QAM	1	0	18.42	18.31	18.52	18.40	18.47	19	1.6
20	256QAM	1	49	18.38	18.35	18.52	18.31	18.41		
20	256QAM	1	99	18.22	18.31	18.28	18.31	18.14		
20	256QAM	50	0	18.61	18.48	18.66	18.50	18.54	19	1.6
20	256QAM	50	24	18.41	18.46	18.51	18.43	18.36		
20	256QAM	50	50	18.43	18.35	18.49	18.38	18.42		
20	256QAM	100	0	18.57	18.50	18.66	18.54	18.62		
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	19.41	19.31	19.56	19.20	19.17	20.60	0
15	QPSK	1	37	19.07	19.15	19.23	19.19	19.21		
15	QPSK	1	74	19.21	19.07	19.11	19.18	19.11		
15	QPSK	36	0	19.38	19.34	19.46	19.29	19.25	20.6	0
15	QPSK	36	20	19.18	19.30	19.30	19.35	19.32		
15	QPSK	36	39	19.05	19.20	19.27	19.12	19.02		
15	QPSK	75	0	19.16	19.20	19.39	19.04	19.34		
15	16QAM	1	0	19.47	19.44	19.39	19.47	19.37	20.6	0
15	16QAM	1	37	19.34	19.52	19.41	19.31	19.43		
15	16QAM	1	74	19.53	19.41	19.42	19.39	19.47		
15	16QAM	36	0	19.42	19.20	19.41	19.21	19.41	20.6	0
15	16QAM	36	20	19.03	19.10	19.23	19.29	19.27		
15	16QAM	36	39	19.07	19.12	19.33	19.26	19.12		
15	16QAM	75	0	19.32	19.46	19.47	19.27	19.51		
15	64QAM	1	0	19.44	19.35	19.56	19.43	19.46	20.6	0
15	64QAM	1	37	19.40	19.40	19.29	19.41	19.26		
15	64QAM	1	74	19.32	19.18	19.40	19.08	19.38		
15	64QAM	36	0	19.34	19.20	19.34	19.32	19.25	20.6	0
15	64QAM	36	20	19.07	19.09	19.31	19.09	19.03		
15	64QAM	36	39	19.24	19.20	19.28	19.19	19.13		
15	64QAM	75	0	19.15	19.19	19.25	19.20	19.18		
15	256QAM	1	0	18.32	18.18	18.40	18.26	18.34	19	1.6
15	256QAM	1	37	18.24	18.20	18.41	18.16	18.35		
15	256QAM	1	74	18.11	18.20	18.25	18.25	18.11		
15	256QAM	36	0	18.56	18.38	18.56	18.45	18.43	19	1.6
15	256QAM	36	20	18.37	18.32	18.42	18.30	18.22		
15	256QAM	36	39	18.28	18.23	18.37	18.24	18.30		
15	256QAM	75	0	18.45	18.45	18.53	18.43	18.56		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2686		
10	QPSK	1	0	19.33	19.39	19.56	19.16	19.27	20.60	0
10	QPSK	1	25	19.07	19.21	19.22	19.17	19.15		
10	QPSK	1	49	19.20	19.12	19.10	19.23	19.09		
10	QPSK	25	0	19.39	19.35	19.40	19.33	19.17	20.6	0
10	QPSK	25	12	19.21	19.25	19.21	19.33	19.29		
10	QPSK	25	25	18.95	19.22	19.31	19.14	19.03		
10	QPSK	50	0	19.16	19.13	19.34	19.10	19.35		
10	16QAM	1	0	19.52	19.50	19.46	19.46	19.42	20.6	0
10	16QAM	1	25	19.31	19.48	19.43	19.34	19.44		
10	16QAM	1	49	19.47	19.50	19.41	19.47	19.45		
10	16QAM	25	0	19.38	19.25	19.43	19.19	19.45	20.6	0
10	16QAM	25	12	19.07	19.17	19.18	19.30	19.32		
10	16QAM	25	25	19.15	19.08	19.32	19.23	19.18		
10	16QAM	50	0	19.40	19.38	19.52	19.32	19.47		
10	64QAM	1	0	19.40	19.28	19.55	19.44	19.45	20.6	0
10	64QAM	1	25	19.34	19.30	19.32	19.34	19.28		
10	64QAM	1	49	19.28	19.10	19.42	19.12	19.41		
10	64QAM	25	0	19.30	19.22	19.39	19.26	19.17	20.6	0
10	64QAM	25	12	19.07	19.02	19.28	19.20	19.00		
10	64QAM	25	25	19.23	19.18	19.26	19.29	19.05		
10	64QAM	50	0	19.26	19.18	19.29	19.12	19.19		
10	256QAM	1	0	18.35	18.27	18.38	18.36	18.35	19	1.6
10	256QAM	1	25	18.26	18.23	18.46	18.26	18.30		
10	256QAM	1	49	18.08	18.21	18.23	18.24	18.03		
10	256QAM	25	0	18.55	18.38	18.55	18.44	18.50	19	1.6
10	256QAM	25	12	18.32	18.42	18.37	18.39	18.29		
10	256QAM	25	25	18.30	18.31	18.41	18.25	18.36		
10	256QAM	50	0	18.52	18.39	18.62	18.45	18.58		
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	19.33	19.40	19.50	19.20	19.23	20.60	0
5	QPSK	1	12	19.13	19.20	19.21	19.15	19.14		
5	QPSK	1	24	19.14	19.11	19.13	19.21	19.08		
5	QPSK	12	0	19.34	19.27	19.45	19.37	19.19	20.6	0
5	QPSK	12	7	19.15	19.26	19.31	19.39	19.28		
5	QPSK	12	13	19.01	19.27	19.33	19.12	19.06		
5	QPSK	25	0	19.21	19.14	19.41	19.08	19.29		
5	16QAM	1	0	19.54	19.53	19.35	19.47	19.43	20.6	0
5	16QAM	1	12	19.29	19.41	19.39	19.30	19.40		
5	16QAM	1	24	19.48	19.49	19.40	19.39	19.47		
5	16QAM	12	0	19.44	19.21	19.43	19.14	19.37	20.6	0
5	16QAM	12	7	19.11	19.12	19.25	19.27	19.26		
5	16QAM	12	13	19.18	19.09	19.33	19.25	19.11		
5	16QAM	25	0	19.36	19.39	19.55	19.28	19.49		
5	64QAM	1	0	19.50	19.30	19.53	19.45	19.36	20.6	0
5	64QAM	1	12	19.38	19.31	19.33	19.39	19.33		
5	64QAM	1	24	19.28	19.20	19.44	19.12	19.38		
5	64QAM	12	0	19.38	19.12	19.42	19.31	19.19	20.6	0
5	64QAM	12	7	19.09	19.07	19.35	19.16	19.03		
5	64QAM	12	13	19.26	19.20	19.23	19.23	19.09		
5	64QAM	25	0	19.21	19.17	19.23	19.13	19.21		
5	256QAM	1	0	18.36	18.24	18.40	18.27	18.44	19	1.6
5	256QAM	1	12	18.26	18.24	18.46	18.21	18.30		
5	256QAM	1	24	18.10	18.27	18.25	18.19	18.00		
5	256QAM	12	0	18.55	18.38	18.60	18.38	18.50	19	1.6
5	256QAM	12	7	18.27	18.37	18.44	18.31	18.24		
5	256QAM	12	13	18.33	18.21	18.38	18.34	18.35		
5	256QAM	25	0	18.47	18.38	18.54	18.49	18.48		

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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	21.00	20.98	21.20	20.95	20.91	22.2	0
20	QPSK	1	49	20.97	20.84	21.15	20.98	20.97		
20	QPSK	1	99	20.92	20.91	21.06	20.98	20.81		
20	QPSK	50	0	20.67	20.82	20.87	20.74	20.74	22.2	0
20	QPSK	50	24	20.51	20.63	20.71	20.75	20.57		
20	QPSK	50	50	20.63	20.59	20.67	20.66	20.46		
20	QPSK	100	0	20.55	20.64	20.90	20.73	20.64		
20	16QAM	1	0	20.96	20.99	21.14	21.00	20.86	22.2	0
20	16QAM	1	49	20.85	20.93	21.09	20.96	20.69		
20	16QAM	1	99	20.78	20.84	20.94	20.84	20.72		
20	16QAM	50	0	20.69	20.79	20.90	20.72	20.73	22.2	0
20	16QAM	50	24	20.55	20.78	20.80	20.64	20.70		
20	16QAM	50	50	20.60	20.63	20.73	20.69	20.58		
20	16QAM	100	0	20.63	20.73	20.88	20.72	20.66		
20	64QAM	1	0	20.82	20.86	21.00	20.90	20.65	22.2	0
20	64QAM	1	49	20.88	20.86	20.95	20.82	20.77		
20	64QAM	1	99	20.64	20.81	20.82	20.71	20.74		
20	64QAM	50	0	20.70	20.88	20.96	20.92	20.83	22.2	0
20	64QAM	50	24	20.62	20.76	20.89	20.75	20.64		
20	64QAM	50	50	20.55	20.60	20.77	20.70	20.58		
20	64QAM	100	0	20.75	20.80	20.86	20.81	20.58		
20	256QAM	1	0	20.78	20.86	21.02	20.92	20.69	22.2	0
20	256QAM	1	49	20.83	20.85	20.99	20.87	20.75		
20	256QAM	1	99	20.66	20.82	20.82	20.76	20.70		
20	256QAM	50	0	20.71	20.90	20.96	20.95	20.83	22.2	0
20	256QAM	50	24	20.66	20.71	20.88	20.79	20.67		
20	256QAM	50	50	20.53	20.61	20.78	20.70	20.56		
20	256QAM	100	0	20.72	20.84	20.85	20.83	20.54		
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	20.88	20.85	21.08	20.90	20.80	22	0
15	QPSK	1	37	20.95	20.81	21.07	20.88	20.95		
15	QPSK	1	74	20.87	20.79	20.95	20.88	20.73		
15	QPSK	36	0	20.57	20.74	20.77	20.72	20.61	22.2	0
15	QPSK	36	20	20.42	20.57	20.63	20.62	20.44		
15	QPSK	36	39	20.51	20.49	20.56	20.56	20.39		
15	QPSK	75	0	20.51	20.60	20.77	20.64	20.57		
15	16QAM	1	0	20.92	20.87	21.09	20.92	20.83	22.2	0
15	16QAM	1	37	20.81	20.91	21.05	20.90	20.63		
15	16QAM	1	74	20.71	20.71	20.87	20.75	20.67		
15	16QAM	36	0	20.67	20.75	20.83	20.69	20.70	22.2	0
15	16QAM	36	20	20.52	20.75	20.77	20.52	20.58		
15	16QAM	36	39	20.50	20.57	20.66	20.60	20.44		
15	16QAM	75	0	20.58	20.64	20.75	20.69	20.60		
15	64QAM	1	0	20.75	20.83	20.93	20.79	20.62	22.2	0
15	64QAM	1	37	20.80	20.77	20.87	20.70	20.63		
15	64QAM	1	74	20.55	20.75	20.73	20.67	20.63		
15	64QAM	36	0	20.59	20.86	20.93	20.88	20.70	22.2	0
15	64QAM	36	20	20.55	20.67	20.86	20.72	20.54		
15	64QAM	36	39	20.44	20.53	20.66	20.61	20.51		
15	64QAM	75	0	20.63	20.69	20.82	20.75	20.45		
15	256QAM	1	0	20.71	20.73	20.89	20.78	20.58	22.2	0
15	256QAM	1	37	20.70	20.73	20.96	20.76	20.67		
15	256QAM	1	74	20.52	20.79	20.71	20.69	20.63		
15	256QAM	36	0	20.64	20.87	20.86	20.85	20.79	22.2	0
15	256QAM	36	20	20.57	20.65	20.76	20.69	20.55		
15	256QAM	36	39	20.45	20.51	20.65	20.65	20.50		
15	256QAM	75	0	20.59	20.76	20.72	20.73	20.49		
Channel				39700	40160	40620	41080	41540	Tune-up limit	MPR
Frequency (MHz)				2501	2547	2593	2639	2685	(dBm)	(dB)
10	QPSK	1	0	20.90	20.91	21.11	20.86	20.88	22	0
10	QPSK	1	25	20.91	20.75	21.03	20.93	20.92		
10	QPSK	1	49	20.81	20.87	20.93	20.89	20.75		
10	QPSK	25	0	20.63	20.74	20.84	20.65	20.64	22.2	0
10	QPSK	25	12	20.44	20.49	20.63	20.68	20.51		
10	QPSK	25	25	20.61	20.45	20.55	20.61	20.37		
10	QPSK	50	0	20.45	20.52	20.78	20.67	20.51		
10	16QAM	1	0	20.88	20.90	21.05	20.91	20.76	22.2	0
10	16QAM	1	25	20.80	20.84	20.98	20.83	20.55		
10	16QAM	1	49	20.72	20.78	20.83	20.73	20.65		
10	16QAM	25	0	20.56	20.74	20.80	20.59	20.64	22.2	0
10	16QAM	25	12	20.45	20.65	20.71	20.52	20.67		
10	16QAM	25	25	20.51	20.53	20.71	20.65	20.49		
10	16QAM	50	0	20.58	20.61	20.82	20.61	20.55		
10	64QAM	1	0	20.72	20.82	20.87	20.87	20.56	22.2	0
10	64QAM	1	25	20.80	20.83	20.92	20.70	20.67		
10	64QAM	1	49	20.56	20.76	20.73	20.67	20.63		
10	64QAM	25	0	20.59	20.77	20.84	20.82	20.78	22.2	0
10	64QAM	25	12	20.56	20.64	20.84	20.71	20.56		
10	64QAM	25	25	20.48	20.53	20.72	20.58	20.54		
10	64QAM	50	0	20.61	20.74	20.80	20.75	20.50		
10	256QAM	1	0	20.70	20.81	20.92	20.83	20.58	22.2	0
10	256QAM	1	25	20.72	20.72	20.89	20.79	20.65		
10	256QAM	1	49	20.59	20.72	20.75	20.66	20.62		
10	256QAM	25	0	20.57	20.86	20.82	20.90	20.74	22.2	0
10	256QAM	25	12	20.62	20.60	20.80	20.73	20.54		
10	256QAM	25	25	20.46	20.54	20.64	20.60	20.48		
10	256QAM	50	0	20.61	20.75	20.77	20.70	20.43		
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	20.92	20.87	21.14	20.92	20.81	22	0
5	QPSK	1	12	20.95	20.75	21.09	20.94	20.95		
5	QPSK	1	24	20.82	20.86	20.99	20.89	20.69		
5	QPSK	12	0	20.59	20.74	20.75	20.64	20.70	22.2	0
5	QPSK	12	7	20.41	20.54	20.59	20.69	20.52		
5	QPSK	12	13	20.52	20.53	20.58	20.52	20.34		
5	QPSK	25	0	20.43	20.52	20.78	20.64	20.56		
5	16QAM	1	0	20.83	20.94	21.08	20.93	20.77	22.2	0
5	16QAM	1	12	20.82	20.84	20.96	20.91	20.60		
5	16QAM	1	24	20.72	20.72	20.90	20.81	20.62		
5	16QAM	12	0	20.56	20.67	20.82	20.70	20.67	22.2	0
5	16QAM	12	7	20.43	20.71	20.70	20.50	20.60		
5	16QAM	12	13	20.54	20.53	20.67	20.64	20.48		
5	16QAM	25	0	20.50	20.60	20.84	20.68	20.58		
5	64QAM	1	0	20.70	20.82	20.89	20.82	20.60	22.2	0
5	64QAM	1	12	20.79	20.75	20.87	20.79	20.70		
5	64QAM	1	24	20.61	20.71	20.70	20.67	20.71		
5	64QAM	12	0	20.58	20.80	20.89	20.80	20.71	22.2	0
5	64QAM	12	7	20.58	20.62	20.84	20.66	20.62		
5	64QAM	12	13	20.48	20.50	20.64	20.66	20.56		
5	64QAM	25	0	20.71	20.69	20.81	20.75	20.44		
5	256QAM	1	0	20.70	20.72	20.93	20.83	20.57	22.2	0
5	256QAM	1	12	20.77	20.82	20.91	20.78	20.67		
5	256QAM	1	24	20.58	20.74	20.76	20.64	20.59		
5	256QAM	12	0	20.66	20.77	20.83	20.90	20.71	22.2	0
5	256QAM	12	7	20.53	20.58	20.79	20.73	20.60		
5	256QAM	12	13	20.48	20.52	20.73	20.60	20.46		
5	256QAM	25	0	20.63	20.71	20.79	20.79	20.52		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	17.30	17.42	17.34	17.29	18.3	0
20	QPSK	1	49	17.33	17.38	17.20	17.21		
20	QPSK	1	99	17.13	17.28	17.23	17.15		
20	QPSK	50	0	17.16	17.36	17.26	17.20		
20	QPSK	50	24	17.15	17.19	17.12	17.15		
20	QPSK	50	50	17.20	17.24	17.19	17.15		
20	QPSK	100	0	17.13	17.29	17.22	17.14		
20	16QAM	1	0	17.10	17.13	17.06	17.10	18.3	0
20	16QAM	1	49	17.12	17.33	17.16	17.05		
20	16QAM	1	99	17.13	17.23	17.09	17.09		
20	16QAM	50	0	17.24	17.25	17.07	17.26		
20	16QAM	50	24	17.15	17.24	17.14	17.13		
20	16QAM	50	50	17.09	17.19	17.19	17.10		
20	16QAM	100	0	17.22	17.29	17.24	17.24		
20	64QAM	1	0	17.12	17.20	17.07	17.06	18.3	0
20	64QAM	1	49	17.13	17.18	17.12	17.05		
20	64QAM	1	99	17.12	17.18	17.17	17.04		
20	64QAM	50	0	17.11	17.22	17.13	17.13		
20	64QAM	50	24	17.16	17.25	17.07	17.19		
20	64QAM	50	50	17.07	17.20	17.10	17.16		
20	64QAM	100	0	17.08	17.14	17.09	17.13		
20	256QAM	1	0	17.10	17.22	17.10	17.11	18.3	0
20	256QAM	1	49	17.16	17.22	17.14	17.10		
20	256QAM	1	99	17.08	17.09	16.93	17.12		
20	256QAM	50	0	17.08	17.19	17.02	17.02	18.3	0
20	256QAM	50	24	17.11	17.15	17.07	17.09		
20	256QAM	50	50	17.00	17.16	17.04	17.01		
20	256QAM	100	0	17.07	17.22	17.13	17.12		
Channel				55315	55820	56160	56665	Tune-up limit	MPR
Frequency (MHz)				3557.5	3608	3642	3692.5	(dBm)	(dB)
15	QPSK	1	0	17.18	17.37	17.24	17.20	18.3	0
15	QPSK	1	37	17.27	17.33	17.08	17.12		
15	QPSK	1	74	17.02	17.17	17.19	17.06		
15	QPSK	36	0	17.09	17.32	17.17	17.10		
15	QPSK	36	20	17.08	17.13	16.99	17.07		
15	QPSK	36	39	17.07	17.19	17.07	17.10		
15	QPSK	75	0	17.07	17.22	17.13	17.02		
15	16QAM	1	0	17.06	17.04	16.92	17.07	18.3	0
15	16QAM	1	37	17.08	17.26	17.08	16.94		
15	16QAM	1	74	17.04	17.20	16.96	16.97		
15	16QAM	36	0	17.12	17.16	16.97	17.23	18.3	0
15	16QAM	36	20	17.09	17.15	16.99	17.09		
15	16QAM	36	39	17.05	17.04	17.04	16.96		
15	16QAM	75	0	17.18	17.24	17.15	17.18		
15	64QAM	1	0	17.05	17.11	17.04	17.03	18.3	0
15	64QAM	1	37	16.99	17.08	17.00	16.91		
15	64QAM	1	74	17.03	17.08	17.08	16.98		
15	64QAM	36	0	17.03	17.09	17.08	17.01	18.3	0
15	64QAM	36	20	17.08	17.12	16.99	17.12		
15	64QAM	36	39	16.95	17.13	17.00	17.10		
15	64QAM	75	0	17.05	17.05	17.04	17.09		
15	256QAM	1	0	17.03	17.09	16.99	16.97	18.3	0
15	256QAM	1	37	17.11	17.13	17.07	16.98		
15	256QAM	1	74	16.97	17.04	16.79	17.03		
15	256QAM	36	0	16.96	17.15	16.88	16.92	18.3	0
15	256QAM	36	20	17.03	17.08	17.01	16.97		
15	256QAM	36	39	16.92	17.10	16.92	16.88		
15	256QAM	75	0	16.93	17.11	17.07	17.00		
Channel				55290	55815	56165	56690	Tune-up limit	MPR
Frequency (MHz)				3555	3607.5	3642.5	3695	(dBm)	(dB)
10	QPSK	1	0	17.18	17.32	17.25	17.24	18.3	0
10	QPSK	1	25	17.27	17.26	17.11	17.08		
10	QPSK	1	49	17.06	17.20	17.10	17.02		
10	QPSK	25	0	17.12	17.31	17.12	17.13	18.3	0
10	QPSK	25	12	17.11	17.14	17.06	17.11		
10	QPSK	25	25	17.14	17.16	17.07	17.06		
10	QPSK	50	0	17.04	17.19	17.17	17.05		
10	16QAM	1	0	16.99	17.04	17.01	16.96	18.3	0
10	16QAM	1	25	16.98	17.28	17.03	16.96		
10	16QAM	1	49	17.02	17.11	16.99	16.99		
10	16QAM	25	0	17.17	17.21	16.95	17.18	18.3	0
10	16QAM	25	12	17.10	17.16	17.11	17.08		
10	16QAM	25	25	17.00	17.07	17.08	17.00		
10	16QAM	50	0	17.16	17.18	17.20	17.17		
10	64QAM	1	0	16.98	17.06	16.99	16.97	18.3	0
10	64QAM	1	25	17.09	17.05	16.99	17.02		
10	64QAM	1	49	17.01	17.11	17.06	16.95		
10	64QAM	25	0	17.07	17.08	17.03	17.09	18.3	0
10	64QAM	25	12	17.01	17.18	16.95	17.06		
10	64QAM	25	25	16.97	17.07	16.93	17.05		
10	64QAM	50	0	16.99	17.08	16.97	17.05		
10	256QAM	1	0	16.98	17.16	17.06	16.97	18.3	0
10	256QAM	1	25	17.12	17.07	17.01	17.03		
10	256QAM	1	49	17.02	17.01	16.89	17.05		
10	256QAM	25	0	17.00	17.09	16.90	16.92	18.3	0
10	256QAM	25	12	17.06	17.02	16.93	17.03		
10	256QAM	25	25	16.97	17.06	16.95	16.87		
10	256QAM	50	0	16.98	17.10	17.00	17.07		
Channel				55265	55810	56170	56715	Tune-up limit	MPR
Frequency (MHz)				3552.5	3607	3643	3697.5	(dBm)	(dB)
5	QPSK	1	0	17.21	17.29	17.26	17.18	18.3	0
5	QPSK	1	12	17.25	17.26	17.05	17.16		
5	QPSK	1	24	17.00	17.20	17.11	17.11		
5	QPSK	12	0	17.12	17.17	17.10	17.06	18.3	0
5	QPSK	12	7	17.05	17.05	17.03	17.08		
5	QPSK	12	13	17.12	17.19	17.07	17.09		
5	QPSK	25	0	17.05	17.15	16.97	17.00		
5	16QAM	1	0	16.96	16.99	16.99	16.90	18.3	0
5	16QAM	1	12	17.04	17.20	17.03	16.96		
5	16QAM	1	24	16.99	17.20	16.95	17.05		
5	16QAM	12	0	17.12	17.19	16.99	17.15	18.3	0
5	16QAM	12	7	17.03	17.14	17.11	17.03		
5	16QAM	12	13	17.05	17.13	17.04	16.96		
5	16QAM	25	0	17.07	17.20	17.14	17.12		
5	64QAM	1	0	17.01	17.12	16.97	17.00	18.3	0
5	64QAM	1	12	17.04	17.13	16.99	16.97		
5	64QAM	1	24	17.07	17.12	17.02	17.00		
5	64QAM	12	0	17.05	17.14	17.07	17.01	18.3	0
5	64QAM	12	7	17.06	17.19	17.00	17.05		
5	64QAM	12	13	17.02	17.11	17.04	17.07		
5	64QAM	25	0	16.98	17.05	16.98	16.98		
5	256QAM	1	0	16.98	17.15	17.06	17.08	18.3	0
5	256QAM	1	12	17.13	17.08	17.01	16.99		
5	256QAM	1	24	17.03	16.96	16.87	17.09		
5	256QAM	12	0	17.01	17.13	16.90	16.96	18.3	0
5	256QAM	12	7	16.99	17.08	16.93	17.02		
5	256QAM	12	13	16.91	17.11	16.99	16.97		
5	256QAM	25	0	17.04	17.12	17.04	17.05		

Reduced Power Mode for DSI5-Standalone

GSM850 Ant0	Default							
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	32.90	32.97	32.94	33.50	23.90	23.97	23.94	24.50
GPRS 1 Tx slot	32.83	32.94	32.91	33.50	23.83	23.94	23.91	24.50
GPRS 2 Tx slots	29.30	29.41	29.26	30.50	23.30	23.41	23.26	24.50
GPRS 3 Tx slots	28.91	28.98	28.86	30.00	24.65	24.72	24.60	25.74
GPRS 4 Tx slots	26.41	26.47	26.40	27.50	23.41	23.47	23.40	24.50
EDGE 1 Tx slot	25.42	25.46	25.37	26.50	16.42	16.46	16.37	17.50
EDGE 2 Tx slots	23.77	23.89	23.79	25.00	17.77	17.89	17.79	19.00
EDGE 3 Tx slots	22.66	22.69	22.62	23.50	18.40	18.43	18.36	19.24
EDGE 4 Tx slots	20.59	20.63	20.60	21.50	17.59	17.63	17.60	18.50

GSM1900 Ant0	Default							
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	27.61	27.66	27.57	28.50	18.61	18.66	18.57	19.50
GPRS 1 Tx slot	27.54	27.63	27.58	28.50	18.54	18.63	18.58	19.50
GPRS 2 Tx slots	24.84	24.94	24.83	26.00	18.84	18.94	18.83	20.00
GPRS 3 Tx slots	23.33	23.39	23.33	24.50	19.07	19.13	19.07	20.24
GPRS 4 Tx slots	20.70	20.75	20.68	21.50	17.70	17.75	17.68	18.50
EDGE 1 Tx slot	22.79	22.87	22.73	23.50	13.79	13.87	13.73	14.50
EDGE 2 Tx slots	21.09	21.19	21.11	22.00	15.09	15.19	15.11	16.00
EDGE 3 Tx slots	20.07	20.12	20.04	21.00	15.81	15.86	15.78	16.74
EDGE 4 Tx slots	17.96	18.09	18.04	19.00	14.96	15.09	15.04	16.00

		Default WCDMA II Ant0				Default WCDMA IV Ant0				Default WCDMA V Ant0			
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	1732.8	1752.8		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	20.57	20.65	20.53	21.70	20.39	20.47	20.38	21.50	22.43	22.47	22.40	24.00
3GPP Rel 99	RMC 12.2Kbps	20.62	20.68	20.57	21.70	20.45	20.51	20.41	21.50	22.45	22.52	22.46	24.00
3GPP Rel 6	HSDPA Subtest-1	19.72	19.76	19.70	20.70	19.59	19.66	19.50	20.50	21.55	21.69	21.48	23.00
3GPP Rel 6	HSDPA Subtest-2	19.66	19.73	19.65	20.70	19.50	19.58	19.52	20.50	21.46	21.60	21.54	23.00
3GPP Rel 6	HSDPA Subtest-3	19.19	19.25	19.23	20.20	19.00	19.11	19.08	20.00	21.01	21.14	21.04	22.50
3GPP Rel 6	HSDPA Subtest-4	19.15	19.30	19.21	20.20	18.96	19.18	19.03	20.00	20.98	21.24	21.06	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	19.70	19.85	19.64	20.70	19.54	19.68	19.46	20.50	21.55	21.72	21.42	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	19.56	19.59	19.41	20.70	19.38	19.40	19.32	20.50	21.34	21.42	21.32	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	19.06	19.12	19.05	20.20	18.92	18.93	18.89	20.00	20.95	20.93	20.92	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	19.02	19.15	19.12	20.20	18.90	18.99	19.01	20.00	20.89	21.00	21.03	22.50
3GPP Rel 6	HSUPA Subtest-1	19.66	19.73	19.70	20.70	19.55	19.63	19.61	20.50	21.61	21.68	21.67	23.00
3GPP Rel 6	HSUPA Subtest-2	17.71	17.75	17.64	18.70	17.54	17.60	17.51	18.50	19.57	19.63	19.50	21.00
3GPP Rel 6	HSUPA Subtest-3	18.65	18.73	18.70	19.70	18.52	18.58	18.58	19.50	20.52	20.59	20.61	22.00
3GPP Rel 6	HSUPA Subtest-4	17.61	17.66	17.57	18.70	17.44	17.51	17.48	18.50	19.45	19.52	19.49	21.00
3GPP Rel 6	HSUPA Subtest-5	19.64	19.60	19.52	20.70	19.53	19.48	19.38	20.50	21.55	21.44	21.40	23.00

Band 2 Default Ant0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	23.11	23.16	23.07	24	0
20	QPSK	1	49	22.93	23.02	22.89		
20	QPSK	1	99	22.99	23.07	22.97		
20	QPSK	50	0	22.98	23.13	23.05	24	0
20	QPSK	50	24	22.94	23.08	22.98		
20	QPSK	50	50	22.92	23.04	22.96		
20	QPSK	100	0	22.96	23.05	22.91		
20	16QAM	1	0	22.95	23.02	22.88	24	0
20	16QAM	1	49	22.85	22.98	22.90		
20	16QAM	1	99	22.70	22.85	22.80		
20	16QAM	50	0	22.55	22.62	22.54	23.5	0.5
20	16QAM	50	24	22.34	22.48	22.34		
20	16QAM	50	50	22.35	22.42	22.27		
20	16QAM	100	0	22.39	22.52	22.47		
20	64QAM	1	0	22.72	22.82	22.72	23.5	0.5
20	64QAM	1	49	22.68	22.76	22.67		
20	64QAM	1	99	22.50	22.55	22.46		
20	64QAM	50	0	21.64	21.71	21.56	22.5	1.5
20	64QAM	50	24	21.46	21.55	21.50		
20	64QAM	50	50	21.42	21.46	21.35		
20	64QAM	100	0	21.43	21.52	21.38		
20	256QAM	1	0	19.80	19.89	19.85	20.5	3.5
20	256QAM	1	49	19.82	19.86	19.80		
20	256QAM	1	99	19.56	19.62	19.57		
20	256QAM	50	0	19.74	19.86	19.80	20.5	3.5
20	256QAM	50	24	19.60	19.73	19.63		
20	256QAM	50	50	19.70	19.81	19.76		
20	256QAM	100	0	19.67	19.78	19.67		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	23.03	23.10	22.99	24	0
15	QPSK	1	37	22.79	22.90	22.82		
15	QPSK	1	74	22.91	22.95	22.83		
15	QPSK	36	0	22.87	22.99	22.90	24	0
15	QPSK	36	20	22.81	22.94	22.87		
15	QPSK	36	39	22.87	22.96	22.92		
15	QPSK	75	0	22.91	23.00	22.89		
15	16QAM	1	0	22.90	22.90	22.79	24	0
15	16QAM	1	37	22.77	22.86	22.83		
15	16QAM	1	74	22.66	22.73	22.66		
15	16QAM	36	0	22.50	22.55	22.45	23.5	0.5
15	16QAM	36	20	22.21	22.37	22.26		
15	16QAM	36	39	22.24	22.31	22.19		
15	16QAM	75	0	22.28	22.40	22.42		
15	64QAM	1	0	22.67	22.68	22.59	23.5	0.5
15	64QAM	1	37	22.59	22.72	22.61		
15	64QAM	1	74	22.42	22.40	22.34		
15	64QAM	36	0	21.56	21.67	21.49	22.5	1.5
15	64QAM	36	20	21.36	21.46	21.42		
15	64QAM	36	39	21.28	21.35	21.23		
15	64QAM	75	0	21.38	21.37	21.29		
15	256QAM	1	0	19.65	19.84	19.70	20.5	3.5
15	256QAM	1	37	19.69	19.82	19.77		
15	256QAM	1	74	19.42	19.51	19.42		
15	256QAM	36	0	19.65	19.73	19.66	20.5	3.5
15	256QAM	36	20	19.48	19.65	19.50		
15	256QAM	36	39	19.66	19.73	19.67		
15	256QAM	75	0	19.58	19.71	19.56		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	23.02	23.04	23.01	24	0
10	QPSK	1	25	22.87	22.88	22.81		
10	QPSK	1	49	22.92	22.94	22.82		
10	QPSK	25	0	22.83	23.01	23.01	24	0
10	QPSK	25	12	22.81	23.00	22.94		
10	QPSK	25	25	22.80	22.89	22.82		
10	QPSK	50	0	22.89	22.95	22.91		
10	16QAM	1	0	22.88	22.90	22.86	24	0
10	16QAM	1	25	22.79	22.91	22.85		
10	16QAM	1	49	22.79	22.73	22.75		
10	16QAM	25	0	22.48	22.51	22.42	23.5	0.5
10	16QAM	25	12	22.20	22.34	22.20		
10	16QAM	25	25	22.26	22.27	22.20		
10	16QAM	50	0	22.28	22.44	22.37		
10	64QAM	1	0	22.60	22.76	22.60	23.5	0.5
10	64QAM	1	25	22.56	22.64	22.58		
10	64QAM	1	49	22.43	22.45	22.32		
10	64QAM	25	0	21.56	21.65	21.45	22.5	1.5
10	64QAM	25	12	21.33	21.46	21.44		
10	64QAM	25	25	21.39	21.36	21.28		
10	64QAM	50	0	21.31	21.39	21.27		
10	256QAM	1	0	19.76	19.86	19.77	20.5	3.5
10	256QAM	1	25	19.77	19.82	19.68		
10	256QAM	1	49	19.52	19.50	19.53		
10	256QAM	25	0	19.60	19.82	19.70	20.5	3.5
10	256QAM	25	12	19.46	19.61	19.51		
10	256QAM	25	25	19.63	19.71	19.66		
10	256QAM	50	0	19.52	19.66	19.61		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	23.02	23.06	22.99	24	0
5	QPSK	1	12	22.88	22.95	22.74		
5	QPSK	1	24	22.90	22.95	22.94		
5	QPSK	12	0	22.93	23.02	22.90	24	0
5	QPSK	12	7	22.89	23.03	22.77		
5	QPSK	12	13	22.80	22.98	22.82		
5	QPSK	25	0	22.88	22.93	22.92	24	0
5	16QAM	1	0	22.91	22.88	22.83		
5	16QAM	1	12	22.79	22.94	22.87		
5	16QAM	1	24	22.58	22.74	22.70		
5	16QAM	12	0	22.40	22.49	22.41	23.5	0.5
5	16QAM	12	7	22.22	22.41	22.27		
5	16QAM	12	13	22.31	22.27	22.23		
5	16QAM	25	0	22.26	22.38	22.37		
5	64QAM	1	0	22.59	22.68	22.64	23.5	0.5
5	64QAM	1	12	22.61	22.73	22.63		
5	64QAM	1	24	22.42	22.44	22.34		
5	64QAM	12	0	21.54	21.68	21.43	22.5	1.5
5	64QAM	12	7	21.31	21.46	21.42		
5	64QAM	12	13	21.29	21.32	21.21		
5	64QAM	25	0	21.30	21.44	21.29		
5	256QAM	1	0	19.74	19.84	19.67	20.5	3.5
5	256QAM	1	12	19.75	19.78	19.67		
5	256QAM	1	24	19.49	19.55	19.49		
5	256QAM	12	0	19.66	19.75	19.71	20.5	3.5
5	256QAM	12	7	19.51	19.69	19.55		
5	256QAM	12	13	19.67	19.74	19.64		
5	256QAM	25	0	19.62	19.73	19.58		
Channel				18515	18900	19285	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	23.01	23.02	22.96	24	0
3	QPSK	1	8	22.89	22.91	22.86		
3	QPSK	1	14	22.89	22.95	22.83		
3	QPSK	8	0	22.91	23.06	22.98	24	0
3	QPSK	8	4	22.83	23.04	22.92		
3	QPSK	8	7	22.86	22.99	22.83		
3	QPSK	15	0	22.87	22.98	22.90		
3	16QAM	1	0	22.85	22.98	22.83	24	0
3	16QAM	1	8	22.71	22.87	22.78		
3	16QAM	1	14	22.59	22.74	22.65		
3	16QAM	8	0	22.41	22.57	22.40	23.5	0.5
3	16QAM	8	4	22.23	22.41	22.24		
3	16QAM	8	7	22.31	22.33	22.14		
3	16QAM	15	0	22.31	22.45	22.41		
3	64QAM	1	0	22.59	22.77	22.60	23.5	0.5
3	64QAM	1	8	22.55	22.67	22.54		
3	64QAM	1	14	22.42	22.43	22.38		
3	64QAM	8	0	21.56	21.59	21.52	22.5	1.5
3	64QAM	8	4	21.35	21.45	21.35		
3	64QAM	8	7	21.34	21.33	21.27		
3	64QAM	15	0	21.34	21.44	21.30		
3	256QAM	1	0	19.77	19.76	19.69	20.5	3.5
3	256QAM	1	8	19.76	19.79	19.65		
3	256QAM	1	14	19.52	19.58	19.51		
3	256QAM	8	0	19.71	19.75	19.75	20.5	3.5
3	256QAM	8	4	19.50	19.68	19.59		
3	256QAM	8	7	19.60	19.66	19.73		
3	256QAM	15	0	19.63	19.70	19.59		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	23.04	23.11	23.01	24	0
1.4	QPSK	1	3	22.83	22.95	22.74		
1.4	QPSK	1	5	22.86	22.99	22.85		
1.4	QPSK	3	0	22.85	23.08	23.01		
1.4	QPSK	3	1	22.85	23.04	22.84		
1.4	QPSK	3	3	22.78	22.94	22.88		
1.4	QPSK	6	0	22.84	23.00	22.90	24	0
1.4	16QAM	1	0	22.80	22.93	22.87	24	0
1.4	16QAM	1	3	22.82	22.86	22.78		
1.4	16QAM	1	5	22.86	22.93	22.90		
1.4	16QAM	3	0	22.83	22.95	22.79		
1.4	16QAM	3	1	22.78	22.88	22.80		
1.4	16QAM	3	3	22.61	22.77	22.73		
1.4	16QAM	6	0	22.51	22.62	22.43	23.5	0.5
1.4	64QAM	1	0	22.19	22.34	22.24	23.5	0.5
1.4	64QAM	1	3	22.21	22.32	22.21		
1.4	64QAM	1	5	22.25	22.45	22.39		
1.4	64QAM	3	0	22.58	22.77	22.63		
1.4	64QAM	3	1	22.60	22.67	22.52		
1.4	64QAM	3	3	22.35	22.40	22.40		
1.4	64QAM	6	0	21.53	21.61	21.43	22.5	1.5
1.4	256QAM	1	0	19.76	19.83	19.76	20.5	3.5
1.4	256QAM	1	3	19.77	19.82	19.69		
1.4	256QAM	1	5	19.47	19.55	19.49		
1.4	256QAM	3	0	19.67	19.82	19.67		
1.4	256QAM	3	1	19.47	19.66	19.54		
1.4	256QAM	3	3	19.62	19.75	19.72		
1.4	256QAM	6	0	19.57	19.73	19.54	20.5	3.5

Band 4 DSI5_Standalone Ant0

BW [MHz]	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	21.73	21.79	21.68	23	0
20	QPSK	1	49	21.69	21.70	21.55		
20	QPSK	1	99	21.49	21.56	21.53		
20	QPSK	50	0	21.57	21.73	21.60	23	0
20	QPSK	50	24	21.55	21.64	21.46		
20	QPSK	50	50	21.56	21.57	21.54		
20	QPSK	100	0	21.48	21.59	21.53		
20	16QAM	1	0	21.44	21.56	21.38	23	0
20	16QAM	1	49	21.57	21.63	21.55		
20	16QAM	1	99	21.41	21.59	21.52		
20	16QAM	50	0	21.56	21.59	21.53	23	0
20	16QAM	50	24	21.59	21.51	21.54		
20	16QAM	50	50	21.47	21.58	21.50		
20	16QAM	100	0	21.58	21.60	21.60		
20	64QAM	1	0	21.38	21.55	21.36	23	0
20	64QAM	1	49	21.47	21.54	21.50		
20	64QAM	1	99	21.48	21.49	21.54		
20	64QAM	50	0	21.48	21.64	21.56	23	0
20	64QAM	50	24	21.52	21.59	21.45		
20	64QAM	50	50	21.49	21.61	21.57		
20	64QAM	100	0	21.48	21.50	21.46		
20	256QAM	1	0	19.91	20.01	19.84	21	2
20	256QAM	1	49	19.74	19.88	19.86		
20	256QAM	1	99	19.77	19.78	19.72		
20	256QAM	50	0	19.77	19.98	19.88	21	2
20	256QAM	50	24	19.76	19.80	19.73		
20	256QAM	50	50	19.72	19.74	19.74		
20	256QAM	100	0	19.70	19.83	19.67		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	21.59	21.72	21.59	23	0
15	QPSK	1	37	21.55	21.61	21.53		
15	QPSK	1	74	21.44	21.57	21.54		
15	QPSK	36	0	21.52	21.63	21.51	23	0
15	QPSK	36	20	21.51	21.55	21.41		
15	QPSK	36	39	21.42	21.49	21.43		
15	QPSK	75	0	21.39	21.50	21.42		
15	16QAM	1	0	21.35	21.51	21.28	23	0
15	16QAM	1	37	21.44	21.54	21.48		
15	16QAM	1	74	21.32	21.46	21.44		
15	16QAM	36	0	21.50	21.41	21.48	23	0
15	16QAM	36	20	21.49	21.45	21.47		
15	16QAM	36	39	21.37	21.54	21.36		
15	16QAM	75	0	21.47	21.47	21.53		
15	64QAM	1	0	21.23	21.46	21.31	23	0
15	64QAM	1	37	21.38	21.48	21.35		
15	64QAM	1	74	21.44	21.43	21.45		
15	64QAM	36	0	21.42	21.52	21.47	23	0
15	64QAM	36	20	21.43	21.54	21.39		
15	64QAM	36	39	21.38	21.50	21.47		
15	64QAM	75	0	21.40	21.36	21.39		
15	256QAM	1	0	19.88	19.91	19.77	21	2
15	256QAM	1	37	19.68	19.81	19.79		
15	256QAM	1	74	19.65	19.73	19.63		
15	256QAM	36	0	19.62	19.88	19.78	21	2
15	256QAM	36	20	19.66	19.67	19.69		
15	256QAM	36	39	19.61	19.64	19.71		
15	256QAM	75	0	19.62	19.70	19.60		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	21.62	21.70	21.56	23	0
10	QPSK	1	25	21.64	21.56	21.51		
10	QPSK	1	49	21.35	21.63	21.47		
10	QPSK	25	0	21.44	21.63	21.46	23	0
10	QPSK	25	12	21.52	21.60	21.40		
10	QPSK	25	25	21.52	21.51	21.52		
10	QPSK	50	0	21.39	21.49	21.41		
10	16QAM	1	0	21.34	21.53	21.29	23	0
10	16QAM	1	25	21.50	21.50	21.42		
10	16QAM	1	49	21.32	21.45	21.38		
10	16QAM	25	0	21.50	21.50	21.44	23	0
10	16QAM	25	12	21.48	21.43	21.39		
10	16QAM	25	25	21.36	21.49	21.36		
10	16QAM	50	0	21.51	21.51	21.56		
10	64QAM	1	0	21.26	21.46	21.23	23	0
10	64QAM	1	25	21.32	21.43	21.41		
10	64QAM	1	49	21.41	21.44	21.40		
10	64QAM	25	0	21.41	21.45	21.42	23	0
10	64QAM	25	12	21.44	21.47	21.38		
10	64QAM	25	25	21.34	21.55	21.50		
10	64QAM	50	0	21.34	21.44	21.33		
10	256QAM	1	0	19.83	19.87	19.76	21	2
10	256QAM	1	25	19.61	19.84	19.82		
10	256QAM	1	49	19.67	19.67	19.66		
10	256QAM	25	0	19.66	19.84	19.80	21	2
10	256QAM	25	12	19.66	19.68	19.65		
10	256QAM	25	25	19.65	19.61	19.64		
10	256QAM	50	0	19.55	19.78	19.62		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	21.65	21.69	21.65	23	0
5	QPSK	1	12	21.56	21.64	21.48		
5	QPSK	1	24	21.40	21.60	21.46		
5	QPSK	12	0	21.45	21.63	21.54	23	0
5	QPSK	12	7	21.50	21.54	21.41		
5	QPSK	12	13	21.42	21.46	21.49		
5	QPSK	25	0	21.35	21.47	21.48	23	0
5	16QAM	1	0	21.40	21.46	21.33		
5	16QAM	1	12	21.48	21.51	21.48		
5	16QAM	1	24	21.27	21.50	21.49		
5	16QAM	12	0	21.47	21.46	21.41	23	0
5	16QAM	12	7	21.51	21.41	21.46		
5	16QAM	12	13	21.40	21.47	21.43		
5	16QAM	25	0	21.51	21.56	21.47	23	0
5	64QAM	1	0	21.25	21.41	21.28		
5	64QAM	1	12	21.38	21.51	21.41		
5	64QAM	1	24	21.35	21.47	21.34		
5	64QAM	12	0	21.41	21.52	21.45	23	0
5	64QAM	12	7	21.41	21.54	21.35		
5	64QAM	12	13	21.44	21.49	21.50		
5	64QAM	25	0	21.37	21.56	21.46	23	0
5	256QAM	1	0	19.77	19.96	19.70	21	2
5	256QAM	1	12	19.68	19.74	19.81		
5	256QAM	1	24	19.72	19.63	19.68		
5	256QAM	12	0	19.69	19.86	19.76	21	2
5	256QAM	12	7	19.72	19.74	19.67		
5	256QAM	12	13	19.69	19.69	19.66		
5	256QAM	25	0	19.64	19.77	19.53		
Channel				19925	20175	20425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	21.63	21.65	21.54	23	0
3	QPSK	1	8	21.60	21.58	21.49		
3	QPSK	1	14	21.35	21.59	21.50		
3	QPSK	8	0	21.49	21.60	21.53	23	0
3	QPSK	8	4	21.44	21.59	21.40		
3	QPSK	8	7	21.41	21.46	21.42		
3	QPSK	15	0	21.42	21.53	21.39	23	0
3	16QAM	1	0	21.31	21.45	21.24		
3	16QAM	1	8	21.45	21.55	21.51		
3	16QAM	1	14	21.35	21.52	21.47		
3	16QAM	8	0	21.51	21.45	21.46	23	0
3	16QAM	8	4	21.53	21.41	21.44		
3	16QAM	8	7	21.33	21.52	21.39		
3	16QAM	15	0	21.45	21.53	21.55	23	0
3	64QAM	1	0	21.33	21.52	21.31		
3	64QAM	1	8	21.42	21.41	21.46		
3	64QAM	1	14	21.35	21.40	21.46		
3	64QAM	8	0	21.39	21.53	21.44	23	0
3	64QAM	8	4	21.43	21.48	21.31		
3	64QAM	8	7	21.40	21.52	21.52		
3	64QAM	15	0	21.38	21.42	21.34	23	0
3	256QAM	1	0	19.79	19.97	19.81		
3	256QAM	1	8	19.60	19.83	19.75	21	2
3	256QAM	1	14	19.74	19.67	19.68		
3	256QAM	8	0	19.74	19.94	19.75	21	2
3	256QAM	8	4	19.66	19.76	19.62		
3	256QAM	8	7	19.63	19.62	19.63		
3	256QAM	15	0	19.57	19.70	19.60		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	21.59	21.74	21.54	23	0
1.4	QPSK	1	3	21.65	21.55	21.49		
1.4	QPSK	1	5	21.45	21.56	21.46		
1.4	QPSK	3	0	21.43	21.63	21.47		
1.4	QPSK	3	1	21.43	21.49	21.40		
1.4	QPSK	3	3	21.50	21.44	21.39		
1.4	QPSK	6	0	21.35	21.49	21.49	23	0
1.4	16QAM	1	0	21.40	21.46	21.28	23	0
1.4	16QAM	1	3	21.47	21.51	21.46		
1.4	16QAM	1	5	21.35	21.46	21.46		
1.4	16QAM	3	0	21.43	21.51	21.49		
1.4	16QAM	3	1	21.53	21.46	21.41		
1.4	16QAM	3	3	21.42	21.47	21.37		
1.4	16QAM	6	0	21.44	21.54	21.54	23	0
1.4	64QAM	1	0	21.31	21.41	21.23	23	0
1.4	64QAM	1	3	21.40	21.45	21.40		
1.4	64QAM	1	5	21.33	21.35	21.49		
1.4	64QAM	3	0	21.44	21.58	21.49		
1.4	64QAM	3	1	21.46	21.52	21.38		
1.4	64QAM	3	3	21.34	21.48	21.53		
1.4	64QAM	6	0	21.36	21.38	21.41	23	0
1.4	256QAM	1	0	19.77	19.93	19.81	21	2
1.4	256QAM	1	3	19.64	19.80	19.78		
1.4	256QAM	1	5	19.63	19.65	19.66		
1.4	256QAM	3	0	19.69	19.85	19.81		
1.4	256QAM	3	1	19.67	19.75	19.60		
1.4	256QAM	3	3	19.63	19.69	19.70		
1.4	256QAM	6	0	19.64	19.73	19.58	21	2

Band 5 Default Ant0

BW [MHz]	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	22.52	22.57	22.46	24	0
10	QPSK	1	25	22.36	22.46	22.32		
10	QPSK	1	49	22.31	22.33	22.22		
10	QPSK	25	0	22.37	22.54	22.41	24	0
10	QPSK	25	12	22.33	22.45	22.35		
10	QPSK	25	25	22.24	22.30	22.27		
10	QPSK	50	0	22.31	22.49	22.30		
10	16QAM	1	0	22.26	22.47	22.31	24	0
10	16QAM	1	25	22.31	22.35	22.24		
10	16QAM	1	49	22.23	22.28	22.26		
10	16QAM	25	0	22.30	22.43	22.28	23.5

Band 12 Default Ant0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	22.84	22.92	22.79	24	0
10	QPSK	1	25	22.76	22.81	22.64		
10	QPSK	1	49	22.60	22.68	22.62		
10	QPSK	25	0	22.63	22.82	22.72	24	0
10	QPSK	25	12	22.59	22.68	22.61		
10	QPSK	25	25	22.56	22.60	22.63		
10	QPSK	50	0	22.65	22.77	22.62		
10	16QAM	1	0	22.54	22.72	22.60	24	0
10	16QAM	1	25	22.54	22.59	22.58		
10	16QAM	1	49	22.44	22.55	22.46		
10	16QAM	25	0	22.35	22.51	22.41	23.5	0.5
10	16QAM	25	12	22.32	22.43	22.28		
10	16QAM	25	25	22.30	22.35	22.28		
10	16QAM	50	0	22.37	22.47	22.28		
10	64QAM	1	0	22.26	22.41	22.29	23.5	0.5
10	64QAM	1	25	22.14	22.25	22.19		
10	64QAM	1	49	22.10	22.22	22.16		
10	64QAM	25	0	21.54	21.67	21.50	22.5	1.5
10	64QAM	25	12	21.44	21.58	21.51		
10	64QAM	25	25	21.39	21.44	21.44		
10	64QAM	50	0	21.43	21.54	21.41		
10	256QAM	1	0	19.38	19.55	19.40	20.5	3.5
10	256QAM	1	25	19.33	19.40	19.38		
10	256QAM	1	49	19.30	19.33	19.28		
10	256QAM	25	0	19.30	19.51	19.41	20.5	3.5
10	256QAM	25	12	19.29	19.34	19.30		
10	256QAM	25	25	19.20	19.33	19.22		
10	256QAM	50	0	19.23	19.45	19.26		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.77	22.86	22.74	24	0
5	QPSK	1	12	22.63	22.69	22.56		
5	QPSK	1	24	22.47	22.54	22.47		
5	QPSK	12	0	22.50	22.75	22.58	24	0
5	QPSK	12	7	22.45	22.55	22.51		
5	QPSK	12	13	22.53	22.45	22.51		
5	QPSK	25	0	22.56	22.69	22.56		
5	16QAM	1	0	22.42	22.62	22.48	24	0
5	16QAM	1	12	22.50	22.48	22.47		
5	16QAM	1	24	22.33	22.52	22.36		
5	16QAM	12	0	22.30	22.47	22.28	23.5	0.5
5	16QAM	12	7	22.28	22.33	22.19		
5	16QAM	12	13	22.19	22.24	22.19		
5	16QAM	25	0	22.31	22.34	22.19		
5	64QAM	1	0	22.15	22.30	22.22	23.5	0.5
5	64QAM	1	12	22.04	22.12	22.10		
5	64QAM	1	24	21.96	22.07	22.07		
5	64QAM	12	0	21.48	21.63	21.41	22.5	1.5
5	64QAM	12	7	21.34	21.53	21.47		
5	64QAM	12	13	21.29	21.32	21.33		
5	64QAM	25	0	21.33	21.48	21.34		
5	256QAM	1	0	19.35	19.45	19.31	20.5	3.5
5	256QAM	1	12	19.21	19.31	19.26		
5	256QAM	1	24	19.17	19.23	19.18		
5	256QAM	12	0	19.16	19.37	19.26	20.5	3.5
5	256QAM	12	7	19.22	19.27	19.27		
5	256QAM	12	13	19.07	19.21	19.11		
5	256QAM	25	0	19.13	19.31	19.12		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.78	22.81	22.72	24	0
3	QPSK	1	8	22.70	22.76	22.50		
3	QPSK	1	14	22.53	22.54	22.57		
3	QPSK	8	0	22.49	22.79	22.57	24	0
3	QPSK	8	4	22.51	22.61	22.48		
3	QPSK	8	7	22.49	22.49	22.57		
3	QPSK	15	0	22.54	22.73	22.58		
3	16QAM	1	0	22.39	22.59	22.47	24	0
3	16QAM	1	8	22.48	22.48	22.48		
3	16QAM	1	14	22.38	22.44	22.38		
3	16QAM	8	0	22.26	22.44	22.28	23.5	0.5
3	16QAM	8	4	22.23	22.37	22.16		
3	16QAM	8	7	22.22	22.22	22.20		
3	16QAM	15	0	22.23	22.35	22.19		
3	64QAM	1	0	22.23	22.28	22.17	23.5	0.5
3	64QAM	1	8	22.02	22.10	22.09		
3	64QAM	1	14	22.02	22.15	22.04		
3	64QAM	8	0	21.45	21.61	21.40	22.5	1.5
3	64QAM	8	4	21.40	21.48	21.37		
3	64QAM	8	7	21.35	21.36	21.33		
3	64QAM	15	0	21.37	21.50	21.31		
3	256QAM	1	0	19.28	19.41	19.36	20.5	3.5
3	256QAM	1	8	19.26	19.31	19.24		
3	256QAM	1	14	19.23	19.30	19.21		
3	256QAM	8	0	19.18	19.46	19.28	20.5	3.5
3	256QAM	8	4	19.18	19.22	19.18		
3	256QAM	8	7	19.06	19.22	19.07		
3	256QAM	15	0	19.18	19.40	19.14		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.76	22.83	22.75	24	0
1.4	QPSK	1	3	22.65	22.67	22.51		
1.4	QPSK	1	5	22.48	22.57	22.53		
1.4	QPSK	3	0	22.50	22.67	22.67		
1.4	QPSK	3	1	22.54	22.55	22.56		
1.4	QPSK	3	3	22.44	22.54	22.57		
1.4	QPSK	6	0	22.59	22.73	22.56	24	0
1.4	16QAM	1	0	22.50	22.62	22.56	24	0
1.4	16QAM	1	3	22.49	22.46	22.50		
1.4	16QAM	1	5	22.40	22.46	22.43		
1.4	16QAM	3	0	22.47	22.60	22.56		
1.4	16QAM	3	1	22.49	22.45	22.47		
1.4	16QAM	3	3	22.37	22.48	22.40		
1.4	16QAM	6	0	22.17	22.30	22.14	23.5	0.5
1.4	64QAM	1	0	22.33	22.41	22.29	23.5	0.5
1.4	64QAM	1	3	22.22	22.40	22.17		
1.4	64QAM	1	5	22.13	22.33	22.16		
1.4	64QAM	3	0	22.05	22.21	22.09		
1.4	64QAM	3	1	21.99	22.16	22.05		
1.4	64QAM	3	3	22.22	22.28	22.16		
1.4	64QAM	6	0	21.45	21.60	21.41	22.5	1.5
1.4	256QAM	1	0	19.29	19.47	19.32	20.5	3.5
1.4	256QAM	1	3	19.21	19.31	19.24		
1.4	256QAM	1	5	19.22	19.27	19.22		
1.4	256QAM	3	0	19.18	19.37	19.34		
1.4	256QAM	3	1	19.16	19.21	19.24		
1.4	256QAM	3	3	19.15	19.21	19.09		
1.4	256QAM	6	0	19.17	19.35	19.18	20.5	3.5

Band 13 Default Ant0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		23.07		24	0
10	QPSK	1	25		23.04			
10	QPSK	1	49		22.92			
10	QPSK	25	0		22.98		24	0
10	QPSK	25	12		22.85			
10	QPSK	25	25		22.82			
10	QPSK	50	0		22.95			
10	16QAM	1	0		22.91		24	0
10	16QAM	1	25		22.86			
10	16QAM	1	49		22.79			
10	16QAM	25	0		22.74		23.5	0.5
10	16QAM	25	12		22.62			
10	16QAM	25	25		22.54			
10	16QAM	50	0		22.70			
10	64QAM	1	0		22.62		23.5	0.5
10	64QAM	1	25		22.41			
10	64QAM	1	49		22.49			
10	64QAM	25	0		21.91		22.5	1.5
10	64QAM	25	12		21.77			
10	64QAM	25	25		21.67			
10	64QAM	50	0		21.77			
10	256QAM	1	0		19.82		20.5	3.5
10	256QAM	1	25		19.62			
10	256QAM	1	49		19.55			
10	256QAM	25	0		19.69		20.5	3.5
10	256QAM	25	12		19.58			
10	256QAM	25	25		19.55			
10	256QAM	50	0		19.68			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.93	23.03	22.99	24	0
5	QPSK	1	12	22.90	23.00	22.92		
5	QPSK	1	24	22.84	22.85	22.80		
5	QPSK	12	0	22.95	22.84	22.93	24	0
5	QPSK	12	7	22.77	22.71	22.73		
5	QPSK	12	13	22.71	22.75	22.68		
5	QPSK	25	0	22.88	22.91	22.91		
5	16QAM	1	0	22.86	22.80	22.87	24	0
5	16QAM	1	12	22.72	22.78	22.71		
5	16QAM	1	24	22.67	22.69	22.74		
5	16QAM	12	0	22.62	22.60	22.65	23.5	0.5
5	16QAM	12	7	22.49	22.55	22.58		
5	16QAM	12	13	22.43	22.49	22.45		
5	16QAM	25	0	22.67	22.66	22.63		
5	64QAM	1	0	22.53	22.55	22.47	23.5	0.5
5	64QAM	1	12	22.33	22.32	22.27		
5	64QAM	1	24	22.39	22.42	22.45		
5	64QAM	12	0	21.79	21.83	21.82	22.5	1.5
5	64QAM	12	7	21.62	21.66	21.70		
5	64QAM	12	13	21.61	21.55	21.59		
5	64QAM	25	0	21.71	21.66	21.73		
5	256QAM	1	0	19.77	19.78	19.74	20.5	3.5
5	256QAM	1	12	19.56	19.48	19.51		
5	256QAM	1	24	19.41	19.47	19.50		
5	256QAM	12	0	19.59	19.55	19.64	20.5	3.5
5	256QAM	12	7	19.55	19.52	19.53		
5	256QAM	12	13	19.46	19.43	19.52		
5	256QAM	25	0	19.57	19.56	19.60		

Band 14 Default Ant0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23330			
Frequency (MHz)					793			
10	QPSK	1	0		23.06		24	0
10	QPSK	1	25		23.00			
10	QPSK	1	49		22.86			
10	QPSK	25	0		22.95		24	0
10	QPSK	25	12		22.81			
10	QPSK	25	25		22.78			
10	QPSK	50	0		22.93			
10	16QAM	1	0		22.86		24	0
10	16QAM	1	25		22.78			
10	16QAM	1	49		22.77			
10	16QAM	25	0		22.75		23.5	0.5
10	16QAM	25	12		22.60			
10	16QAM	25	25		22.46			
10	16QAM	50	0		22.64			
10	64QAM	1	0		22.56		23.5	0.5
10	64QAM	1	25		22.38			
10	64QAM	1	49		22.49			
10	64QAM	25	0		21.88		22.5	1.5
10	64QAM	25	12		21.70			
10	64QAM	25	25		21.63			
10	64QAM	50	0		21.69			
10	256QAM	1	0		19.77		20.5	3.5
10	256QAM	1	25		19.55			
10	256QAM	1	49		19.49			
10	256QAM	25	0		19.61		20.5	3.5
10	256QAM	25	12		19.51			
10	256QAM	25	25		19.48			
10	256QAM	50	0		19.66			
Channel				23305	23330	23355	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	0	22.92	22.99	22.97	24	0
5	QPSK	1	12	22.87	22.90	22.86		
5	QPSK	1	24	22.75	22.79	22.74		
5	QPSK	12	0	22.90	22.90	22.83	24	0
5	QPSK	12	7	22.77	22.68	22.77		
5	QPSK	12	13	22.70	22.67	22.64		
5	QPSK	25	0	22.82	22.84	22.86		
5	16QAM	1	0	22.78	22.83	22.78	24	0
5	16QAM	1	12	22.70	22.68	22.64		
5	16QAM	1	24	22.62	22.73	22.64		
5	16QAM	12	0	22.60	22.72	22.67	23.5	0.5
5	16QAM	12	7	22.54	22.51	22.51		
5	16QAM	12	13	22.37	22.40	22.40		
5	16QAM	25	0	22.55	22.53	22.50		
5	64QAM	1	0	22.52	22.52	22.46	23.5	0.5
5	64QAM	1	12	22.28	22.30	22.27		
5	64QAM	1	24	22.44	22.43	22.41		
5	64QAM	12	0	21.74	21.74	21.76	22.5	1.5
5	64QAM	12	7	21.63	21.64	21.58		
5	64QAM	12	13	21.59	21.59	21.52		
5	64QAM	25	0	21.55	21.64	21.66		
5	256QAM	1	0	19.63	19.72	19.65	20.5	3.5
5	256QAM	1	12	19.44	19.46	19.44		
5	256QAM	1	24	19.35	19.44	19.44		
5	256QAM	12	0	19.48	19.47	19.57	20.5	3.5
5	256QAM	12	7	19.38	19.37	19.39		
5	256QAM	12	13	19.35	19.36	19.34		
5	256QAM	25	0	19.53	19.56	19.62		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	22.65	22.73	22.70	24	0
10	QPSK	1	25	22.57	22.60	22.59		
10	QPSK	1	49	22.46	22.51	22.46		
10	QPSK	25	0	22.46	22.66	22.54	24	0
10	QPSK	25	12	22.49	22.53	22.42		
10	QPSK	25	25	22.41	22.48	22.47		
10	QPSK	50	0	22.49	22.62	22.44		
10	16QAM	1	0	22.49	22.60	22.45	24	0
10	16QAM	1	25	22.39	22.48	22.41		
10	16QAM	1	49	22.30	22.40	22.38		
10	16QAM	25	0	22.36	22.58	22.49	23.5	0.5
10	16QAM	25	12	22.38	22.40	22.43		
10	16QAM	25	25	22.30	22.41	22.40		
10	16QAM	50	0	22.24	22.38	22.33		
10	64QAM	1	0	22.39	22.56	22.46	23.5	0.5
10	64QAM	1	25	22.37	22.42	22.40		
10	64QAM	1	49	22.32	22.40	22.29		
10	64QAM	25	0	21.37	21.54	21.36	22.5	1.5
10	64QAM	25	12	21.28	21.39	21.36		
10	64QAM	25	25	21.32	21.36	21.32		
10	64QAM	50	0	21.19	21.28	21.29		
10	256QAM	1	0	19.59	19.71	19.63	20.5	3.5
10	256QAM	1	25	19.45	19.53	19.56		
10	256QAM	1	49	19.44	19.57	19.51		
10	256QAM	25	0	19.44	19.55	19.43	20.5	3.5
10	256QAM	25	12	19.34	19.44	19.33		
10	256QAM	25	25	19.34	19.39	19.37		
10	256QAM	50	0	19.28	19.32	19.22		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.53	22.69	22.65	24	0
5	QPSK	1	12	22.53	22.55	22.48		
5	QPSK	1	24	22.33	22.41	22.37		
5	QPSK	12	0	22.36	22.57	22.44	24	0
5	QPSK	12	7	22.44	22.40	22.38		
5	QPSK	12	13	22.28	22.41	22.43		
5	QPSK	25	0	22.46	22.49	22.32		
5	16QAM	1	0	22.38	22.52	22.31	24	0
5	16QAM	1	12	22.26	22.39	22.35		
5	16QAM	1	24	22.16	22.32	22.32		
5	16QAM	12	0	22.27	22.45	22.35	23.5	0.5
5	16QAM	12	7	22.33	22.32	22.35		
5	16QAM	12	13	22.19	22.34	22.27		
5	16QAM	25	0	22.11	22.24	22.19		
5	64QAM	1	0	22.24	22.48	22.35	23.5	0.5
5	64QAM	1	12	22.29	22.34	22.29		
5	64QAM	1	24	22.17	22.33	22.14		
5	64QAM	12	0	21.33	21.42	21.31	22.5	1.5
5	64QAM	12	7	21.24	21.27	21.22		
5	64QAM	12	13	21.19	21.23	21.25		
5	64QAM	25	0	21.07	21.23	21.24		
5	256QAM	1	0	19.50	19.65	19.49	20.5	3.5
5	256QAM	1	12	19.33	19.42	19.50		
5	256QAM	1	24	19.41	19.43	19.47		
5	256QAM	12	0	19.31	19.51	19.33	20.5	3.5
5	256QAM	12	7	19.27	19.34	19.22		
5	256QAM	12	13	19.20	19.33	19.27		
5	256QAM	25	0	19.24	19.26	19.16		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26599		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	23.16	23.21	23.18		
20	QPSK	1	49	23.03	23.03	23.09	24	0
20	QPSK	1	99	22.97	23.01	23.03		
20	QPSK	50	0	23.00	23.15	23.05		
20	QPSK	50	24	22.95	23.03	22.95	24	0
20	QPSK	50	50	22.88	22.99	22.86		
20	QPSK	100	0	22.91	23.01	22.90		
20	16QAM	1	0	22.96	23.09	22.91		
20	16QAM	1	49	22.94	22.99	22.95	24	0
20	16QAM	1	99	22.81	22.87	22.80		
20	16QAM	50	0	22.79	22.93	22.83		
20	16QAM	50	24	22.75	22.80	22.75	23.5	0.5
20	16QAM	50	50	22.61	22.72	22.70		
20	16QAM	100	0	22.62	22.66	22.61		
20	64QAM	1	0	22.86	23.05	22.91		
20	64QAM	1	49	22.79	22.95	22.87	23.5	0.5
20	64QAM	1	99	22.79	22.82	22.82		
20	64QAM	50	0	21.82	21.95	21.79		
20	64QAM	50	24	21.78	21.79	21.74	22.5	1.5
20	64QAM	50	50	21.73	21.82	21.72		
20	64QAM	100	0	21.69	21.66	21.64		
20	256QAM	1	0	19.90	20.04	19.89		
20	256QAM	1	49	19.79	19.90	19.83	20.5	3.5
20	256QAM	1	99	19.77	19.85	19.78		
20	256QAM	50	0	19.87	19.98	19.87		
20	256QAM	50	24	19.77	19.90	19.74	20.5	3.5
20	256QAM	50	50	19.70	19.74	19.71		
20	256QAM	100	0	19.62	19.74	19.68		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	23.05	23.13	23.04		
15	QPSK	1	37	22.99	22.90	23.00	24	0
15	QPSK	1	74	22.84	22.90	22.97		
15	QPSK	36	0	22.94	23.01	22.95		
15	QPSK	36	20	22.82	22.96	22.88	24	0
15	QPSK	36	39	22.84	22.95	22.75		
15	QPSK	75	0	22.77	22.98	22.79		
15	16QAM	1	0	22.92	22.98	22.84		
15	16QAM	1	37	22.81	22.87	22.85	24	0
15	16QAM	1	74	22.68	22.79	22.74		
15	16QAM	36	0	22.70	22.81	22.75		
15	16QAM	36	20	22.68	22.66	22.62	23.5	0.5
15	16QAM	36	39	22.48	22.61	22.64		
15	16QAM	75	0	22.49	22.53	22.50		
15	64QAM	1	0	22.74	22.90	22.77		
15	64QAM	1	37	22.70	22.82	22.77	23.5	0.5
15	64QAM	1	74	22.70	22.68	22.68		
15	64QAM	36	0	21.74	21.85	21.65		
15	64QAM	36	20	21.72	21.68	21.69	22.5	1.5
15	64QAM	36	39	21.68	21.79	21.59		
15	64QAM	75	0	21.55	21.54	21.60		
15	256QAM	1	0	19.76	19.96	19.85		
15	256QAM	1	37	19.75	19.79	19.79	20.5	3.5
15	256QAM	1	74	19.67	19.70	19.73		
15	256QAM	36	0	19.78	19.83	19.77		
15	256QAM	36	20	19.69	19.87	19.60	20.5	3.5
15	256QAM	36	39	19.57	19.70	19.61		
15	256QAM	75	0	19.55	19.66	19.55		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	23.03	23.09	23.05		
10	QPSK	1	25	22.94	22.92	22.98	24	0
10	QPSK	1	49	22.90	22.95	22.90		
10	QPSK	25	0	22.90	23.04	22.99		
10	QPSK	25	12	22.87	22.89	22.83	24	0
10	QPSK	25	25	22.84	22.85	22.71		
10	QPSK	50	0	22.80	22.89	22.83		
10	16QAM	1	0	22.90	22.95	22.83		
10	16QAM	1	25	22.81	22.91	22.88	24	0
10	16QAM	1	49	22.68	22.76	22.66		
10	16QAM	25	0	22.74	22.80	22.75		
10	16QAM	25	12	22.62	22.68	22.67	23.5	0.5
10	16QAM	25	25	22.52	22.67	22.57		
10	16QAM	50	0	22.57	22.60	22.54		
10	64QAM	1	0	22.82	22.91	22.85		
10	64QAM	1	25	22.64	22.88	22.76	23.5	0.5
10	64QAM	1	49	22.72	22.76	22.71		
10	64QAM	25	0	21.79	21.84	21.68		
10	64QAM	25	12	21.74	21.76	21.64	22.5	1.5
10	64QAM	25	25	21.66	21.77	21.61		
10	64QAM	50	0	21.62	21.56	21.52		
10	256QAM	1	0	19.80	19.94	19.81		
10	256QAM	1	25	19.68	19.75	19.72	20.5	3.5
10	256QAM	1	49	19.74	19.73	19.68		
10	256QAM	25	0	19.82	19.91	19.77		
10	256QAM	25	12	19.71	19.83	19.68	20.5	3.5
10	256QAM	25	25	19.65	19.61	19.60		
10	256QAM	50	0	19.55	19.67	19.63		
Channel				26065	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	23.12	23.07	23.10		
5	QPSK	1	12	22.95	22.92	23.03	24	0
5	QPSK	1	24	22.86	22.90	22.95		
5	QPSK	12	0	22.86	23.04	22.92		
5	QPSK	12	7	22.88	23.00	22.84	24	0
5	QPSK	12	13	22.77	22.88	22.79		
5	QPSK	25	0	22.77	22.91	22.86		
5	16QAM	1	0	22.88	23.04	22.88		
5	16QAM	1	12	22.88	22.90	22.87	24	0
5	16QAM	1	24	22.67	22.77	22.73		
5	16QAM	12	0	22.70	22.84	22.73		
5	16QAM	12	7	22.71	22.70	22.63	23.5	0.5
5	16QAM	12	13	22.50	22.60	22.56		
5	16QAM	25	0	22.55	22.62	22.51		
5	64QAM	1	0	22.78	22.98	22.88		
5	64QAM	1	12	22.71	22.92	22.81	23.5	0.5
5	64QAM	1	24	22.65	22.69	22.76		
5	64QAM	12	0	21.78	21.84	21.70		
5	64QAM	12	7	21.70	21.65	21.70	22.5	1.5
5	64QAM	12	13	21.68	21.79	21.68		
5	64QAM	25	0	21.60	21.54	21.60		
5	256QAM	1	0	19.75	19.96	19.86		
5	256QAM	1	12	19.71	19.82	19.75	20.5	3.5
5	256QAM	1	24	19.68	19.75	19.74		
5	256QAM	12	0	19.76	19.85	19.84		
5	256QAM	12	7	19.68	19.78	19.59	20.5	3.5
5	256QAM	12	13	19.61	19.64	19.64		
5	256QAM	25	0	19.57	19.64	19.54		
Channel				26055	26340	26715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	23.02	23.15	23.13		
3	QPSK	1	8	22.98	22.95	22.96	24	0
3	QPSK	1	14	22.94	22.93	22.99		
3	QPSK	8	0	22.94	23.05	22.96		
3	QPSK	8	4	22.80	22.97	22.91	24	0
3	QPSK	8	7	22.75	22.84	22.78		
3	QPSK	15	0	22.83	22.96	22.80		
3	16QAM	1	0	22.84	23.02	22.85		
3	16QAM	1	8	22.89	22.86	22.87	24	0
3	16QAM	1	14	22.77	22.75	22.66		
3	16QAM	8	0	22.66	22.87	22.79		
3	16QAM	8	4	22.65	22.65	22.67	23.5	0.5
3	16QAM	8	7	22.57	22.68	22.60		
3	16QAM	15	0	22.48	22.60	22.53		
3	64QAM	1	0	22.75	22.92	22.80		
3	64QAM	1	8	22.66	22.91	22.76	23.5	0.5
3	64QAM	1	14	22.65	22.72	22.69		
3	64QAM	8	0	21.76	21.87	21.64		
3	64QAM	8	4	21.67	21.66	21.62	22.5	1.5
3	64QAM	8	7	21.61	21.74	21.57		
3	64QAM	15	0	21.63	21.53	21.58		
3	256QAM	1	0	19.76	19.96	19.83		
3	256QAM	1	8	19.69	19.85	19.77	20.5	3.5
3	256QAM	1	14	19.63	19.72	19.67		
3	256QAM	8	0	19.76	19.83	19.81		
3	256QAM	8	4	19.66	19.83	19.60	20.5	3.5
3	256QAM	8	7	19.62	19.71	19.60		
3	256QAM	15	0	19.50	19.61	19.61		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	23.12	23.12	23.15		
1.4	QPSK	1	3	22.98	22.97	23.05		
1.4	QPSK	1	5	22.93	22.93	22.96	24	0
1.4	QPSK	3	0	22.85	23.09	22.97		
1.4	QPSK	3	1	22.81	22.87	22.82		
1.4	QPSK	3	3	22.81	22.94	22.71		
1.4	QPSK	6	0	22.80	22.86	22.80	24	0
1.4	16QAM	1	0	22.92	23.04	22.83		
1.4	16QAM	1	3	22.86	22.90	22.81		
1.4	16QAM	1	5	22.84	23.00	22.81	24	0
1.4	16QAM	3	0	22.78	22.89	22.78		
1.4	16QAM	3	1	22.85	22.95	22.84		
1.4	16QAM	3	3	22.90	23.03	22.79		
1.4	16QAM	6	0	22.70	22.67	22.69	23.5	0.5
1.4	64QAM	1	0	22.57	22.62	22.57		
1.4	64QAM	1	3	22.57	22.60	22.55		
1.4	64QAM	1	5	22.70	22.76	22.67	23.5	0.5
1.4	64QAM	3	0	22.67	22.86	22.84		
1.4	64QAM	3	1	22.71	22.70	22.69		
1.4	64QAM	3	3	22.72	22.86	22.83		
1.4	64QAM	6	0	21.68	21.91	21.70	22.5	1.5
1.4	256QAM	1	0	19.86	19.92	19.81		
1.4	256QAM	1	3	19.69	19.76	19.78		
1.4	256QAM	1	5	19.71	19.78	19.65	20.5	3.5
1.4	256QAM	3	0	19.73	19.93	19.72		
1.4	256QAM	3	1	19.69	19.76	19.67		
1.4	256QAM	3	3	19.65	19.65	19.58		
1.4	256QAM	6	0	19.54	19.67	19.62	20.5	3.5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26963		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	22.53	22.59	22.47		
15	QPSK	1	37	22.38	22.39	22.38	24	0
15	QPSK	1	74	22.28	22.37	22.31		
15	QPSK	36	0	22.37	22.54	22.37		
15	QPSK	36	20	22.37	22.46	22.31	24	0
15	QPSK	36	39	22.31	22.30	22.34		
15	QPSK	75	0	22.31	22.36	22.29		
15	16QAM	1	0	22.29	22.51	22.36		
15	16QAM	1	37	22.34	22.40	22.27	24	0
15	16QAM	1	74	22.28	22.34	22.22		
15	16QAM	36	0	22.33	22.47	22.38		
15	16QAM	36	20	22.30	22.32	22.26	23.5	0.5
15	16QAM	36	39	22.26	22.29	22.26		
15	16QAM	75	0	22.21	22.22	22.14		
15	64QAM	1	0	22.26	22.42	22.27		
15	64QAM	1	37	22.26	22.27	22.23	23.5	0.5
15	64QAM	1	74	22.10	22.25	22.20		
15	64QAM	36	0	21.26	21.37	21.25		
15	64QAM	36	20	21.21	21.27	21.22	22.5	1.5
15	64QAM	36	39	21.11	21.15	21.15		
15	64QAM	75	0	21.04	21.08	21.02		
15	256QAM	1	0	19.46	19.62	19.47		
15	256QAM	1	37	19.39	19.46	19.44	20.5	3.5
15	256QAM	1	74	19.33	19.39	19.39		
15	256QAM	36	0	19.36	19.49	19.36		
15	256QAM	36	20	19.22	19.40	19.34	20.5	3.5
15	256QAM	36	39	19.22	19.34	19.30		
15	256QAM	75	0	19.13	19.21	19.15		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.42	22.46	22.37		
10	QPSK	1	25	22.23	22.33	22.23	24	0
10	QPSK	1	49	22.14	22.25	22.20		
10	QPSK	25	0	22.23	22.44	22.27		
10	QPSK	25	12	22.24	22.39	22.16	24	0
10	QPSK	25	25	22.26	22.19	22.22		
10	QPSK	50	0	22.28	22.25	22.25		
10	16QAM	1	0	22.17	22.41	22.32		
10	16QAM	1	25	22.23	22.36	22.19	24	0
10	16QAM	1	49	22.23	22.20	22.15		
10	16QAM	25	0	22.21	22.41	22.24		
10	16QAM	25	12	22.23	22.24	22.14	23.5	0.5
10	16QAM	25	25	22.17	22.18	22.18		
10	16QAM	50	0	22.10	22.11	22.07		
10	64QAM	1	0	22.16	22.29	22.18		
10	64QAM	1	25	22.23	22.17	22.11	23.5	0.5
10	64QAM	1	49	22.01	22.15	22.13		
10	64QAM	25	0	21.11	21.29	21.21		
10	64QAM	25	12	21.14	21.22	21.08	22.5	1.5
10	64QAM	25	25	21.05	21.07	21.03		
10	64QAM	50	0	20.91	21.02	20.88		
10	256QAM	1	0	19.41	19.50	19.34		
10	256QAM	1	25	19.32	19.35	19.33	20.5	3.5
10	256QAM	1	49	19.19	19.28	19.36		
10	256QAM	25	0	19.28	19.46	19.25		
10	256QAM	25	12	19.07	19.31	19.21	20.5	3.5
10	256QAM	25	25	19.15	19.20	19.16		
10	256QAM	50	0	18.99	19.15	19.04		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.43	22.49	22.40		
5	QPSK	1	12	22.25	22.30	22.33	24	0
5	QPSK	1	24	22.23	22.32	22.21		
5	QPSK	12	0	22.34	22.41	22.28		
5	QPSK	12	7	22.28	22.33	22.20	24	0
5	QPSK	12	13	22.21	22.24	22.25		
5	QPSK	25	0	22.26	22.23	22.21		
5	16QAM	1	0	22.16	22.46	22.24		
5	16QAM	1	12	22.21	22.36	22.16	24	0
5	16QAM	1	24	22.15	22.21	22.13		
5	16QAM	12	0	22.29	22.38	22.25		
5	16QAM	12	7	22.16	22.28	22.19	23.5	0.5
5	16QAM	12	13	22.21	22.22	22.23		
5	16QAM	25	0	22.12	22.14	22.07		
5	64QAM	1	0	22.18	22.32	22.17		
5	64QAM	1	12	22.21	22.17	22.12	23.5	0.5
5	64QAM	1	24	21.97	22.16	22.17		
5	64QAM	12	0	21.15	21.31	21.21		
5	64QAM	12	7	21.15	21.18	21.14	22.5	1.5
5	64QAM	12	13	21.02	21.12	21.03		
5	64QAM	25	0	20.94	21.01	20.87		
5	256QAM	1	0	19.36	19.50	19.39		
5	256QAM	1	12	19.26	19.34	19.30	20.5	3.5
5	256QAM	1	24	19.29	19.31	19.31		
5	256QAM	12	0	19.31	19.43	19.26		
5	256QAM	12	7	19.13	19.31	19.27	20.5	3.5
5	256QAM	12	13	19.17	19.29	19.17		
5	256QAM	25	0	19.06	19.14	19.01		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.50	22.50	22.37		
3	QPSK	1	8	22.34	22.32	22.23	24	0
3	QPSK	1	14	22.14	22.29	22.19		
3	QPSK	8	0	22.30	22.51	22.31		
3	QPSK	8	4	22.32	22.33	22.16	24	0
3	QPSK	8	7	22.22	22.27	22.23		
3	QPSK	15	0	22.24	22.33	22.22		
3	16QAM	1	0	22.21	22.44	22.30		
3	16QAM	1	8	22.29	22.36	22.13	24	0
3	16QAM	1	14	22.22	22.28	22.18		
3	16QAM	8	0	22.21	22.42	22.28		
3	16QAM	8	4	22.25	22.24	22.18	23.5	0.5
3	16QAM	8	7	22.22	22.21	22.15		
3	16QAM	15	0	22.17	22.08	22.09		
3	64QAM	1	0	22.19	22.38	22.12		
3	64QAM	1	8	22.21	22.24	22.14	23.5	0.5
3	64QAM	1	14	22.00	22.22	22.14		
3	64QAM	8	0	21.18	21.29	21.13		
3	64QAM	8	4	21.10	21.19	21.13	22.5	1.5
3	64QAM	8	7	20.98	21.05	21.06		
3	64QAM	15	0	20.99	21.02	20.89		
3	256QAM	1	0	19.41	19.53	19.37		
3	256QAM	1	8	19.30	19.41	19.35	20.5	3.5
3	256QAM	1	14	19.19	19.25	19.28		
3	256QAM	8	0	19.29	19.42	19.30		
3	256QAM	8	4	19.10	19.29	19.25	20.5	3.5
3	256QAM	8	7	19.17	19.26	19.16		
3	256QAM	15	0	19.08	19.16	19.01		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.45	22.52	22.42		
1.4	QPSK	1	3	22.33	22.31	22.26		
1.4	QPSK	1	5	22.14	22.24	22.27	24	0
1.4	QPSK	3	0	22.31	22.42	22.34		
1.4	QPSK	3	1	22.33	22.34	22.17		
1.4	QPSK	3	3	22.28	22.17	22.26		
1.4	QPSK	6	0	22.19	22.30	22.22	24	0
1.4	16QAM	1	0	22.14	22.45	22.29		
1.4	16QAM	1	3	22.21	22.37	22.24		
1.4	16QAM	1	5	22.24	22.24	22.14	24	0
1.4	16QAM	3	0	22.26	22.39	22.33		
1.4	16QAM	3	1	22.21	22.31	22.24		
1.4	16QAM	3	3	22.19	22.23	22.13		
1.4	16QAM	6	0	22.22	22.37	22.35	23.5	0.5
1.4	64QAM	1	0	22.21	22.29	22.20		
1.4	64QAM	1	3	22.16	22.16	22.22		
1.4	64QAM	1	5	22.15	22.09	22.07	23.5	0.5
1.4	64QAM	3	0	22.22	22.36	22.17		
1.4	64QAM	3	1	22.11	22.14	22.19		
1.4	64QAM	3	3	22.06	22.12	22.12		
1.4	64QAM	6	0	21.13	21.34	21.18	22.5	1.5
1.4	256QAM	1	0	19.38	19.54	19.42		
1.4	256QAM	1	3	19.32	19.36	19.34		
1.4	256QAM	1	5	19.27	19.29	19.31	20.5	3.5
1.4	256QAM	3	0	19.27	19.37	19.29		
1.4	256QAM	3	1	19.09	19.31	19.29		
1.4	256QAM	3	3	19.16	19.22	19.22		
1.4	256QAM	6	0	19.08	19.11	19.08	20.5	3.5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		23.26			
10	QPSK	1	25		23.10		24	0
10	QPSK	1	49		23.08			
10	QPSK	25	0		22.46			
10	QPSK	25	12		22.26		23	1
10	QPSK	25	25		22.23			
10	QPSK	50	0		22.31			
10	16QAM	1	0		22.23			
10	16QAM	1	25		22.17		23	1
10	16QAM	1	49		22.18			
10	16QAM	25	0		21.60			
10	16QAM	25	12		21.45		22	2
10	16QAM	25	25		21.36			
10	16QAM	50	0		21.38			
10	64QAM	1	0		21.71			
10	64QAM	1	25		21.58		22	2
10	64QAM	1	49		21.52			
10	64QAM	25	0		20.75			
10	64QAM	25	12		20.57		21	3
10	64QAM	25	25		20.50			
10	64QAM	50	0		20.53			
10	256QAM	1	0		19.38			
10	256QAM	1	25		19.22		20	4
10	256QAM	1	49		19.22			
10	256QAM	25	0		18.96			
10	256QAM	25	12		18.85		20	4
10	256QAM	25	25		18.78			
10	256QAM	50	0		18.73			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	23.16	23.21	23.13	24	0
5	QPSK	1	12	22.95	23.04	23.01		
5	QPSK	1	24	23.04	23.00	22.95		
5	QPSK	12	0	22.33	22.42	22.42		
5	QPSK	12	7	22.20	22.21	22.11	23	1
5	QPSK	12	13	22.09	22.17	22.08		
5	QPSK	25	0	22.23	22.24	22.16		
5	16QAM	1	0	22.29	22.19	22.26		
5	16QAM	1	12	22.04	22.14	22.12	23	1
5	16QAM	1	24	22.14	22.14	22.07		
5	16QAM	12	0	21.52	21.51	21.46		
5	16QAM	12	7	21.38	21.31	21.34	22	2
5	16QAM	12	13	21.28	21.26	21.22		
5	16QAM	25	0	21.28	21.24	21.24		
5	64QAM	1	0	21.57	21.66	21.67		
5	64QAM	1	12	21.50	21.48	21.44	22	2
5	64QAM	1

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	21.71	21.87	21.83		
20	QPSK	1	49	21.66	21.69	21.58	23	0
20	QPSK	1	99	21.78	21.77	21.56		
20	QPSK	50	0	21.62	21.80	21.73		
20	QPSK	50	24	21.77	21.60	21.56	23	0
20	QPSK	50	50	21.52	21.63	21.53		
20	QPSK	100	0	21.55	21.77	21.72		
20	16QAM	1	0	21.40	21.56	21.46		
20	16QAM	1	49	21.61	21.72	21.59	23	0
20	16QAM	1	99	21.43	21.55	21.48		
20	16QAM	50	0	21.63	21.56	21.63		
20	16QAM	50	24	21.70	21.52	21.45	23	0
20	16QAM	50	50	21.51	21.71	21.46		
20	16QAM	100	0	21.72	21.59	21.70		
20	64QAM	1	0	21.47	21.66	21.40		
20	64QAM	1	49	21.50	21.53	21.45	23	0
20	64QAM	1	99	21.43	21.63	21.51		
20	64QAM	50	0	21.55	21.62	21.56		
20	64QAM	50	24	21.60	21.55	21.50	23	0
20	64QAM	50	50	21.45	21.61	21.59		
20	64QAM	100	0	21.58	21.56	21.56		
20	256QAM	1	0	18.86	19.07	18.93		
20	256QAM	1	49	18.89	18.92	18.84	20.5	2.5
20	256QAM	1	99	18.81	18.84	18.83		
20	256QAM	50	0	18.84	18.98	18.80		
20	256QAM	50	24	18.78	18.86	18.74	20.5	2.5
20	256QAM	50	50	18.69	18.77	18.73		
20	256QAM	100	0	18.71	18.70	18.65		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	21.62	21.83	21.74		
15	QPSK	1	37	21.51	21.56	21.49	23	0
15	QPSK	1	74	21.72	21.70	21.42		
15	QPSK	36	0	21.55	21.76	21.61		
15	QPSK	36	20	21.63	21.45	21.48	23	0
15	QPSK	36	39	21.43	21.51	21.41		
15	QPSK	75	0	21.42	21.72	21.58		
15	16QAM	1	0	21.25	21.52	21.41		
15	16QAM	1	37	21.50	21.68	21.47	23	0
15	16QAM	1	74	21.29	21.50	21.37		
15	16QAM	36	0	21.52	21.51	21.57		
15	16QAM	36	20	21.55	21.43	21.37	23	0
15	16QAM	36	39	21.46	21.67	21.34		
15	16QAM	75	0	21.42	21.50	21.63		
15	64QAM	1	0	21.43	21.61	21.30		
15	64QAM	1	37	21.42	21.38	21.32	23	0
15	64QAM	1	74	21.39	21.52	21.39		
15	64QAM	36	0	21.49	21.49	21.42		
15	64QAM	36	20	21.49	21.45	21.43	23	0
15	64QAM	36	39	21.41	21.54	21.46		
15	64QAM	75	0	21.45	21.51	21.46		
15	256QAM	1	0	18.78	18.99	18.80		
15	256QAM	1	37	18.82	18.89	18.78	20.5	2.5
15	256QAM	1	74	18.75	18.79	18.77		
15	256QAM	36	0	18.80	18.86	18.69		
15	256QAM	36	20	18.73	18.73	18.60	20.5	2.5
15	256QAM	36	39	18.58	18.69	18.63		
15	256QAM	75	0	18.63	18.61	18.56		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	21.57	21.79	21.72		
10	QPSK	1	25	21.54	21.61	21.51	23	0
10	QPSK	1	49	21.70	21.70	21.44		
10	QPSK	25	0	21.49	21.74	21.69		
10	QPSK	25	12	21.65	21.46	21.53	23	0
10	QPSK	25	25	21.46	21.52	21.49		
10	QPSK	50	0	21.52	21.63	21.65		
10	16QAM	1	0	21.33	21.52	21.31		
10	16QAM	1	25	21.54	21.66	21.48	23	0
10	16QAM	1	49	21.36	21.44	21.45		
10	16QAM	25	0	21.49	21.43	21.56		
10	16QAM	25	12	21.57	21.42	21.40	23	0
10	16QAM	25	25	21.39	21.60	21.38		
10	16QAM	50	0	21.59	21.53	21.62		
10	64QAM	1	0	21.33	21.60	21.37		
10	64QAM	1	25	21.39	21.40	21.34	23	0
10	64QAM	1	49	21.34	21.52	21.37		
10	64QAM	25	0	21.48	21.50	21.46		
10	64QAM	25	12	21.48	21.50	21.46	23	0
10	64QAM	25	25	21.41	21.58	21.45		
10	64QAM	50	0	21.54	21.51	21.48		
10	256QAM	1	0	18.76	18.96	18.81		
10	256QAM	1	25	18.79	18.82	18.80	20.5	2.5
10	256QAM	1	49	18.73	18.70	18.77		
10	256QAM	25	0	18.71	18.87	18.74		
10	256QAM	25	12	18.75	18.81	18.63	20.5	2.5
10	256QAM	25	25	18.60	18.65	18.62		
10	256QAM	50	0	18.63	18.57	18.53		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	21.63	21.74	21.70		
5	QPSK	1	12	21.60	21.58	21.50	23	0
5	QPSK	1	24	21.70	21.62	21.49		
5	QPSK	12	0	21.55	21.67	21.67		
5	QPSK	12	7	21.67	21.46	21.44	23	0
5	QPSK	12	13	21.43	21.58	21.46		
5	QPSK	25	0	21.42	21.64	21.62		
5	16QAM	1	0	21.29	21.43	21.35		
5	16QAM	1	12	21.54	21.64	21.54	23	0
5	16QAM	1	24	21.38	21.45	21.34		
5	16QAM	12	0	21.59	21.45	21.56		
5	16QAM	12	7	21.56	21.40	21.33	23	0
5	16QAM	12	13	21.45	21.66	21.37		
5	16QAM	25	0	21.59	21.54	21.59		
5	64QAM	1	0	21.39	21.55	21.29		
5	64QAM	1	12	21.40	21.49	21.39	23	0
5	64QAM	1	24	21.31	21.54	21.44		
5	64QAM	12	0	21.48	21.49	21.44		
5	64QAM	12	7	21.54	21.43	21.45	23	0
5	64QAM	12	13	21.31	21.48	21.48		
5	64QAM	25	0	21.54	21.48	21.50		
5	256QAM	1	0	18.76	19.01	18.86		
5	256QAM	1	12	18.77	18.84	18.80	20.5	2.5
5	256QAM	1	24	18.71	18.76	18.78		
5	256QAM	12	0	18.72	18.83	18.71		
5	256QAM	12	7	18.71	18.72	18.68	20.5	2.5
5	256QAM	12	13	18.65	18.66	18.61		
5	256QAM	25	0	18.62	18.61	18.61		
Channel				131982	132322	132662	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	21.66	21.80	21.76		
3	QPSK	1	8	21.57	21.64	21.46	23	0
3	QPSK	1	14	21.68	21.71	21.50		
3	QPSK	8	0	21.48	21.66	21.63		
3	QPSK	8	4	21.72	21.49	21.43	23	0
3	QPSK	8	7	21.38	21.55	21.45		
3	QPSK	15	0	21.46	21.71	21.68		
3	16QAM	1	0	21.32	21.42	21.33		
3	16QAM	1	8	21.54	21.66	21.51	23	0
3	16QAM	1	14	21.37	21.44	21.40		
3	16QAM	8	0	21.57	21.49	21.56		
3	16QAM	8	4	21.59	21.45	21.31	23	0
3	16QAM	8	7	21.37	21.56	21.32		
3	16QAM	15	0	21.60	21.49	21.59		
3	64QAM	1	0	21.40	21.57	21.37		
3	64QAM	1	8	21.45	21.42	21.34	23	0
3	64QAM	1	14	21.30	21.57	21.36		
3	64QAM	8	0	21.47	21.54	21.49		
3	64QAM	8	4	21.51	21.51	21.38	23	0
3	64QAM	8	7	21.41	21.54	21.50		
3	64QAM	15	0	21.47	21.44	21.45		
3	256QAM	1	0	18.75	18.99	18.84		
3	256QAM	1	8	18.85	18.86	18.79	20.5	2.5
3	256QAM	1	14	18.74	18.81	18.70		
3	256QAM	8	0	18.69	18.88	18.73		
3	256QAM	8	4	18.75	18.75	18.68	20.5	2.5
3	256QAM	8	7	18.60	18.72	18.60		
3	256QAM	15	0	18.58	18.92	18.62		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	21.67	21.82	21.73		
1.4	QPSK	1	3	21.61	21.55	21.49		
1.4	QPSK	1	5	21.70	21.67	21.48	23	0
1.4	QPSK	3	0	21.59	21.76	21.67		
1.4	QPSK	3	1	21.62	21.48	21.53		
1.4	QPSK	3	3	21.40	21.51	21.38		
1.4	QPSK	6	0	21.51	21.71	21.59	23	0
1.4	16QAM	1	0	21.33	21.49	21.38		
1.4	16QAM	1	3	21.52	21.60	21.53		
1.4	16QAM	1	5	21.33	21.50	21.36	23	0
1.4	16QAM	3	0	21.57	21.42	21.50		
1.4	16QAM	3	1	21.58	21.39	21.36		
1.4	16QAM	3	3	21.41	21.64	21.37		
1.4	16QAM	6	0	21.57	21.45	21.66	23	0
1.4	64QAM	1	0	21.43	21.51	21.32		
1.4	64QAM	1	3	21.41	21.48	21.34		
1.4	64QAM	1	5	21.37	21.49	21.37	23	0
1.4	64QAM	3	0	21.47	21.58	21.49		
1.4	64QAM	3	1	21.50	21.46	21.39		
1.4	64QAM	3	3	21.35	21.55	21.46		
1.4	64QAM	6	0	21.49	21.51	21.48	23	0
1.4	256QAM	1	0	18.73	18.99	18.89		
1.4	256QAM	1	3	18.78	18.85	18.75		
1.4	256QAM	1	5	18.76	18.69	18.69	20.5	2.5
1.4	256QAM	3	0	18.80	18.86	18.76		
1.4	256QAM	3	1	18.74	18.79	18.59		
1.4	256QAM	3	3	18.66	18.69	18.61		
1.4	256QAM	6	0	18.64	18.58	18.60	20.5	2.5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				133222	133322	133372		
Frequency (MHz)				673	683	688		
20	QPSK	1	0	22.95	23.04	22.89		
20	QPSK	1	49	22.84	22.87	22.77	24	0
20	QPSK	1	99	22.71	22.88	22.66		
20	QPSK	50	0	22.76	22.94	22.84		
20	QPSK	50	24	22.77	22.77	22.75	24	0
20	QPSK	50	50	22.71	22.73	22.66		
20	QPSK	100	0	22.66	22.76	22.70		
20	16QAM	1	0	22.78	22.92	22.73		
20	16QAM	1	49	22.69	22.83	22.73	24	0
20	16QAM	1	99	22.61	22.76	22.66		
20	16QAM	50	0	22.53	22.74	22.61		
20	16QAM	50	24	22.50	22.54	22.54	23.5	0.5
20	16QAM	50	50	22.48	22.60	22.51		
20	16QAM	100	0	22.46	22.54	22.45		
20	64QAM	1	0	22.73	22.88	22.76		
20	64QAM	1	49	22.72	22.75	22.72	23.5	0.5
20	64QAM	1	99	22.64	22.69	22.60		
20	64QAM	50	0	21.67	21.83	21.73		
20	64QAM	50	24	21.63	21.72	21.69	22.5	1.5
20	64QAM	50	50	21.56	21.61	21.62		
20	64QAM	100	0	21.49	21.55	21.55		
20	256QAM	1	0	19.64	19.81	19.72		
20	256QAM	1	49	19.57	19.61	19.61	20.5	3.5
20	256QAM	1	99	19.58	19.64	19.55		
20	256QAM	50	0	19.59	19.77	19.58		
20	256QAM	50	24	19.56	19.64	19.53	20.5	3.5
20	256QAM	50	50	19.54	19.64	19.50		
20	256QAM	100	0	19.43	19.48	19.47		
Channel				133197	133297	133397	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	0	22.85	23.00	22.78		
15	QPSK	1	37	22.71	22.75	22.65	24	0
15	QPSK	1	74	22.67	22.82	22.58		
15	QPSK	36	0	22.69	22.88	22.74		
15	QPSK	36	20	22.64	22.63	22.66	24	0
15	QPSK	36	39	22.68	22.64	22.53		
15	QPSK	75	0	22.58	22.61	22.59		
15	16QAM	1	0	22.68	22.78	22.64		
15	16QAM	1	37	22.64	22.69	22.66	24	0
15	16QAM	1	74	22.47	22.69	22.59		
15	16QAM	36	0	22.44	22.62	22.52		
15	16QAM	36	20	22.40	22.49	22.49	23.5	0.5
15	16QAM	36	39	22.45	22.46	22.40		
15	16QAM	75	0	22.33	22.41	22.41		
15	64QAM	1	0	22.68	22.82	22.67		
15	64QAM	1	37	22.68	22.63	22.67	23.5	0.5
15	64QAM	1	74	22.59	22.57	22.55		
15	64QAM	36	0	21.61	21.78	21.58		
15	64QAM	36	20	21.49	21.59	21.57	22.5	1.5
15	64QAM	36	39	21.46	21.47	21.57		
15	64QAM	75	0	21.46	21.50	21.44		
15	256QAM	1	0	19.52	19.68	19.62		
15	256QAM	1	37	19.47	19.53	19.46	20.5	3.5
15	256QAM	1	74	19.54	19.57	19.45		
15	256QAM	36	0	19.48	19.65	19.46		
15	256QAM	36	20	19.43	19.55	19.48	20.5	3.5
15	256QAM	36	39	19.50	19.60	19.43		
15	256QAM	75	0	19.31	19.37	19.36		
Channel				133172	133272	133422	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	678	693		
10	QPSK	1	0	22.83	22.96	22.78		
10	QPSK	1	25	22.75	22.74	22.64	24	0
10	QPSK	1	49	22.67	22.83	22.59		
10	QPSK	25	0	22.71	22.81	22.73		
10	QPSK	25	12	22.70	22.73	22.63	24	0
10	QPSK	25	25	22.66	22.65	22.56		
10	QPSK	50	0	22.60	22.71	22.59		
10	16QAM	1	0	22.73	22.77	22.64		
10	16QAM	1	25	22.58	22.72	22.69	24	0
10	16QAM	1	49	22.50	22.67	22.62		
10	16QAM	25	0	22.42	22.62	22.55		
10	16QAM	25	12	22.40	22.47	22.49	23.5	0.5
10	16QAM	25	25	22.42	22.46	22.40		
10	16QAM	50	0	22.32	22.50	22.40		
10	64QAM	1	0	22.64	22.73	22.65		
10	64QAM	1	25	22.63	22.61	22.59	23.5	0.5
10	64QAM	1	49	22.54	22.55	22.49		
10	64QAM	25	0	21.63	21.71	21.60		
10	64QAM	25	12	21.52	21.63	21.58	22.5	1.5
10	64QAM	25	25	21.41	21.54	21.55		
10	64QAM	50	0	21.35	21.51	21.48		
10	256QAM	1	0	19.60	19.72	19.61		
10	256QAM	1	25	19.42	19.49	19.48	20.5	3.5
10	256QAM	1	49	19.53	19.51	19.49		
10	256QAM	25	0	19.52	19.72	19.55		
10	256QAM	25	12	19.43	19.55	19.43	20.5	3.5
10	256QAM	25	25	19.44	19.53	19.37		
10	256QAM	50	0	19.36	19.37	19.36		
Channel				133147	133247	133447	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	675.5	695.5		
5	QPSK	1	0	22.82	22.90	22.82		
5	QPSK	1	12	22.78	22.83	22.63	24	0
5	QPSK	1	24	22.64	22.84	22.53		
5	QPSK	12	0	22.68	22.81	22.80		
5	QPSK	12	7	22.64	22.69	22.61	24	0
5	QPSK	12	13	22.59	22.60	22.57		
5	QPSK	25	0	22.57	22.71	22.65		
5	16QAM	1	0	22.68	22.82	22.63		
5	16QAM	1	12	22.54	22.75	22.69	24	0
5	16QAM	1	24	22.54	22.70	22.61		
5	16QAM	12	0	22.49	22.71	22.49		
5	16QAM	12	7	22.43	22.42	22.43	23.5	0.5
5	16QAM	12	13	22.38	22.54	22.49		
5	16QAM	25	0	22.42	22.42	22.41		
5	64QAM	1	0	22.68	22.80	22.62		
5	64QAM	1	12	22.62	22.61	22.57	23.5	0.5
5	64QAM	1	24	22.58	22.55	22.46		
5	64QAM	12	0	21.61	21.71	21.64		
5	64QAM	12	7	21.52	21.65	21.63	22.5	1.5
5	64QAM	12	13	21.42	21.50	21.51		
5	64QAM	25	0	21.39	21.43	21.52		
5	256QAM	1	0	19.60	19.74	19.68		
5	256QAM	1	12	19.44	19.48	19.56	20.5	3.5
5	256QAM	1	24	19.45	19.60	19.40		
5	256QAM	12	0	19.54	19.63	19.45		
5	256QAM	12	7	19.41	19.50	19.41	20.5	3.5
5	256QAM	12	13	19.44	19.52	19.40		
5	256QAM	25	0	19.31	19.43	19.36		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	20.67	20.69	20.50		
20	QPSK	1	49	20.46	20.43	20.46	22	0
20	QPSK	1	99	20.47	20.43	20.40		
20	QPSK	50	0	20.47	20.55	20.33		
20	QPSK	50	24	20.36	20.50	20.42	22	0
20	QPSK	50	50	20.23	20.36	20.32		
20	QPSK	100	0	20.37	20.52	20.33		
20	16QAM	1	0	20.46	20.57	20.39		
20	16QAM	1	49	20.36	20.45	20.33	22	0
20	16QAM	1	99	20.29	20.33	20.40		
20	16QAM	50	0	20.06	20.23	20.04		
20	16QAM	50	24	20.10	20.06	20.05	21.5	0.5
20	16QAM	50	50	19.87	20.03	19.96		
20	16QAM	100	0	19.92	20.11	20.00		
20	64QAM	1	0	20.03	20.26	20.03		
20	64QAM	1	49	19.94	20.04	20.10	21.5	0.5
20	64QAM	1	99	20.10	20.01	20.06		
20	64QAM	50	0	19.86	20.04	19.95		
20	64QAM	50	24	19.83	19.90	19.89	20.5	1.5
20	64QAM	50	50	19.82	19.86	19.83		
20	64QAM	100	0	19.85	19.88	19.79		
20	256QAM	1	0	17.91	18.08	17.94		
20	256QAM	1	49	17.82	18.08	17.92	18.5	3.5
20	256QAM	1	99	17.86	17.85	17.87		
20	256QAM	50	0	17.94	18.06	17.97		
20	256QAM	50	24	17.90	17.95	17.90	18.5	3.5
20	256QAM	50	50	17.77	17.87	17.81		
20	256QAM	100	0	17.91	18.03	17.94		
Channel				37525	38000	38175	Tune-up limit	MPR
Frequency (MHz)				2577.5	2595	2612.5	(dBm)	(dB)
15	QPSK	1	0	20.50	20.60	20.47		
15	QPSK	1	37	20.29	20.36	20.42	22	0
15	QPSK	1	74	20.40	20.36	20.23		
15	QPSK	36	0	20.30	20.38	20.27		
15	QPSK	36	20	20.24	20.39	20.31	22	0
15	QPSK	36	39	20.17	20.27	20.24		
15	QPSK	75	0	20.31	20.39	20.25		
15	16QAM	1	0	20.31	20.44	20.25		
15	16QAM	1	37	20.27	20.37	20.17	22	0
15	16QAM	1	74	20.25	20.23	20.33		
15	16QAM	36	0	19.95	20.20	19.88		
15	16QAM	36	20	19.92	19.95	19.95	21.5	0.5
15	16QAM	36	39	19.79	19.93	19.83		
15	16QAM	75	0	19.85	19.99	19.88		
15	64QAM	1	0	19.94	20.23	19.99		
15	64QAM	1	37	19.77	19.97	20.07	21.5	0.5
15	64QAM	1	74	20.01	19.95	19.99		
15	64QAM	36	0	19.77	20.01	19.81		
15	64QAM	36	20	19.73	19.86	19.85	20.5	1.5
15	64QAM	36	39	19.71	19.72	19.79		
15	64QAM	75	0	19.75	19.85	19.69		
15	256QAM	1	0	17.78	17.97	17.88		
15	256QAM	1	37	17.70	18.04	17.89	18.5	3.5
15	256QAM	1	74	17.73	17.82	17.72		
15	256QAM	36	0	17.83	18.00	17.92		
15	256QAM	36	20	17.86	17.89	17.82	18.5	3.5
15	256QAM	36	39	17.64	17.77	17.71		
15	256QAM	75	0	17.79	17.99	17.87		
Channel				37500	38000	38200	Tune-up limit	MPR
Frequency (MHz)				2575	2595	2615	(dBm)	(dB)
10	QPSK	1	0	20.56	20.52	20.46		
10	QPSK	1	25	20.31	20.39	20.41	22	0
10	QPSK	1	49	20.35	20.26	20.34		
10	QPSK	25	0	20.37	20.42	20.22		
10	QPSK	25	12	20.24	20.46	20.26	22	0
10	QPSK	25	25	20.17	20.25	20.22		
10	QPSK	50	0	20.34	20.42	20.28		
10	16QAM	1	0	20.32	20.41	20.25		
10	16QAM	1	25	20.22	20.33	20.29	22	0
10	16QAM	1	49	20.15	20.17	20.33		
10	16QAM	25	0	20.04	20.20	19.98		
10	16QAM	25	12	20.04	19.93	19.90	21.5	0.5
10	16QAM	25	25	19.81	19.86	19.87		
10	16QAM	50	0	19.86	20.04	19.84		
10	64QAM	1	0	19.89	20.09	20.01		
10	64QAM	1	25	19.82	20.01	20.01	21.5	0.5
10	64QAM	1	49	20.06	19.83	20.04		
10	64QAM	25	0	19.81	20.00	19.81		
10	64QAM	25	12	19.71	19.85	19.78	20.5	1.5
10	64QAM	25	25	19.74	19.71	19.75		
10	64QAM	50	0	19.80	19.83	19.72		
10	256QAM	1	0	17.81	18.03	17.84		
10	256QAM	1	25	17.73	17.97	17.88	18.5	3.5
10	256QAM	1	49	17.71	17.70	17.74		
10	256QAM	25	0	17.84	17.93	17.84		
10	256QAM	25	12	17.80	17.91	17.85	18.5	3.5
10	256QAM	25	25	17.69	17.82	17.69		
10	256QAM	50	0	17.85	17.98	17.84		
Channel				37775	38000	38225	Tune-up limit	MPR
Frequency (MHz)				2572.5	2595	2617.5	(dBm)	(dB)
5	QPSK	1	0	20.56	20.61	20.38		
5	QPSK	1	12	20.31	20.32	20.37	22	0
5	QPSK	1	24	20.44	20.39	20.33		
5	QPSK	12	0	20.38	20.46	20.20		
5	QPSK	12	7	20.24	20.42	20.36	22	0
5	QPSK	12	13	20.11	20.29	20.18		
5	QPSK	25	0	20.20	20.39	20.29		
5	16QAM	1	0	20.31	20.44	20.23		
5	16QAM	1	12	20.28	20.39	20.15	22	0
5	16QAM	1	24	20.16	20.29	20.25		
5	16QAM	12	0	19.93	20.17	19.96		
5	16QAM	12	7	19.97	19.92	20.00	21.5	0.5
5	16QAM	12	13	19.77	19.93	19.80		
5	16QAM	25	0	19.82	19.96	19.93		
5	64QAM	1	0	19.94	20.12	20.00		
5	64QAM	1	12	19.89	19.98	20.03	21.5	0.5
5	64QAM	1	24	19.95	19.91	19.99		
5	64QAM	12	0	19.78	19.89	19.81		
5	64QAM	12	7	19.75	19.78	19.75	20.5	1.5
5	64QAM	12	13	19.72	19.78	19.71		
5	64QAM	25	0	19.80	19.78	19.66		
5	256QAM	1	0	17.83	18.01	17.86		
5	256QAM	1	12	17.74	18.03	17.82	18.5	3.5
5	256QAM	1	24	17.74	17.70	17.78		
5	256QAM	12	0	17.86	17.93	17.85		
5	256QAM	12	7	17.79	17.86	17.86	18.5	3.5
5	256QAM	12	13	17.70	17.81	17.70		
5	256QAM	25	0	17.87	17.89	17.89		

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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	22.49	22.62	22.66	22.54	22.44		
20	QPSK	1	49	22.33	22.54	22.52	22.25	22.39	23.5	0
20	QPSK	1	99	22.26	22.31	22.42	22.25	22.24		
20	QPSK	50	0	22.27	22.18	22.34	22.22	22.28		
20	QPSK	50	24	22.05	22.15	22.16	22.15	22.02	23.5	0
20	QPSK	50	50	22.09	22.10	22.16	22.06	22.13		
20	QPSK	100	0	22.25	22.10	22.30	22.10	22.20		
20	16QAM	1	0	22.15	22.13	22.28	22.13	22.14		
20	16QAM	1	49	22.01	22.04	22.10	22.09	22.00	23.5	0
20	16QAM	1	99	22.02	22.03	22.13	22.04	22.00		
20	16QAM	50	0	21.32	21.18	21.38	21.24	21.29		
20	16QAM	50	24	21.12	21.17	21.20	21.25	21.17	22.5	1
20	16QAM	50	50	21.01	21.08	21.16	21.16	21.04		
20	16QAM	100	0	21.30	21.21	21.33	21.19	21.27		
20	64QAM	1	0	21.41	21.33	21.49	21.36	21.38		
20	64QAM	1	49	21.32	21.27	21.37	21.27	21.30	22.5	1
20	64QAM	1	99	21.19	21.24	21.30	21.20	21.20		
20	64QAM	50	0	20.27	20.27	20.40	20.30	20.31		
20	64QAM	50	24	20.23	20.24	20.32	20.22	20.29	21.5	2
20	64QAM	50	50	20.19	20.18	20.24	20.13	20.17		
20	64QAM	100	0	20.10	20.14	20.22	20.25	20.10		
20	256QAM	1	0	18.24	18.20	18.37	18.24	18.23		
20	256QAM	1	49	18.27	18.18	18.37	18.16	18.24	19.5	4
20	256QAM	1	99	18.10	18.08	18.23	18.15	18.16		
20	256QAM	50	0	18.19	18.14	18.34	18.19	18.19		
20	256QAM	50	24	18.19	18.14	18.24	18.10	18.14	19.5	4
20	256QAM	50	50	18.12	18.05	18.20	18.09	18.10		
20	256QAM	100	0	18.14	18.16	18.28	18.10	18.17		
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	22.37	22.58	22.55	22.43	22.33		
15	QPSK	1	37	22.17	22.37	22.46	22.09	22.36	23.50	0
15	QPSK	1	74	22.14	22.25	22.28	22.17	22.11		
15	QPSK	36	0	22.20	22.08	22.24	22.09	22.25		
15	QPSK	36	20	21.99	22.01	22.09	22.05	21.91	23.5	0
15	QPSK	36	39	22.03	22.02	22.05	21.99	22.05		
15	QPSK	75	0	22.13	21.96	22.15	22.06	22.11		
15	16QAM	1	0	22.09	21.98	22.16	22.06	22.11		
15	16QAM	1	37	21.93	22.00	21.97	22.02	21.90	23.5	0
15	16QAM	1	74	21.99	21.91	22.04	21.97	21.94		
15	16QAM	36	0	21.28	21.04	21.26	21.18	21.26		
15	16QAM	36	20	20.98	21.09	21.05	21.20	21.09	22.5	1
15	16QAM	36	39	20.88	21.03	21.01	21.05	20.92		
15	16QAM	75	0	21.17	21.17	21.20	21.04	21.13		
15	64QAM	1	0	21.32	21.20	21.35	21.31	21.33		
15	64QAM	1	37	21.27	21.18	21.22	21.17	21.22	22.5	1
15	64QAM	1	74	21.12	21.09	21.23	21.07	21.08		
15	64QAM	36	0	20.20	20.19	20.36	20.20	20.20		
15	64QAM	36	20	20.09	20.09	20.26	20.17	20.18	21.5	2
15	64QAM	36	39	20.10	20.15	20.18	19.98	20.12		
15	64QAM	75	0	19.99	20.05	20.08	20.12	20.00		
15	256QAM	1	0	18.15	18.14	18.29	18.13	18.19		
15	256QAM	1	37	18.20	18.10	18.33	18.02	18.12	19.5	4
15	256QAM	1	74	18.04	18.02	18.12	18.11	18.08		
15	256QAM	36	0	18.07	18.07	18.21	18.13	18.15		
15	256QAM	36	20	18.12	18.03	18.16	17.98	18.05	19.5	4
15	256QAM	36	39	18.08	17.93	18.11	18.02	18.01		
15	256QAM	75	0	18.10	18.11	18.16	18.03	18.06		
Channel				39700	40160	40620	41080	41540	Tune-up limit	MPR
Frequency (MHz)				2501	2547	2593	2639	2685	(dBm)	(dB)
10	QPSK	1	0	22.42	22.50	22.49	22.52	22.27		
10	QPSK	1	25	22.19	22.51	22.35	22.19	22.31	23.50	0
10	QPSK	1	49	22.21	22.18	22.34	22.19	22.20		
10	QPSK	25	0	22.16	22.04	22.20	22.08	22.16		
10	QPSK	25	12	21.91	22.04	22.13	22.12	21.92	23.5	0
10	QPSK	25	25	21.96	22.05	22.06	21.92	22.04		
10	QPSK	50	0	22.13	21.95	22.18	22.05	22.13		
10	16QAM	1	0	22.10	22.00	22.13	22.05	22.08		
10	16QAM	1	25	21.89	21.96	22.01	22.01	21.87	23.5	0
10	16QAM	1	49	21.87	21.90	22.07	21.93	21.86		
10	16QAM	25	0	21.22	21.13	21.29	21.13	21.21		
10	16QAM	25	12	21.05	21.12	21.15	21.10	21.09	22.5	1
10	16QAM	25	25	20.89	21.05	21.13	21.06	20.90		
10	16QAM	50	0	21.25	21.07	21.28	21.13	21.15		
10	64QAM	1	0	21.32	21.23	21.40	21.32	21.29		
10	64QAM	1	25	21.23	21.13	21.33	21.14	21.19	22.5	1
10	64QAM	1	49	21.15	21.14	21.18	21.11	21.14		
10	64QAM	25	0	20.12	20.17	20.30	20.26	20.23		
10	64QAM	25	12	20.16	20.15	20.19	20.10	20.26	21.5	2
10	64QAM	25	25	20.10	20.14	20.18	20.10	20.03		
10	64QAM	50	0	20.00	20.01	20.18	20.12	20.06		
10	256QAM	1	0	18.15	18.06	18.33	18.21	18.20		
10	256QAM	1	25	18.16	18.08	18.29	18.07	18.12	19.5	4
10	256QAM	1	49	18.05	17.99	18.18	18.12	18.02		
10	256QAM	25	0	18.14	18.09	18.20	18.09	18.10		
10	256QAM	25	12	18.13	18.09	18.09	17.97	18.09	19.5	4
10	256QAM	25	25	18.09	18.01	18.10	17.97	17.95		
10	256QAM	50	0	18.08	18.10	18.17	17.99	18.12		
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	22.32	22.47	22.56	22.43	22.42		
5	QPSK	1	12	22.20	22.51	22.37	22.13	22.33	23.50	0
5	QPSK	1	24	22.12	22.27	22.34	22.09	22.20		
5	QPSK	12	0	22.22	22.05	22.23	22.07	22.23		
5	QPSK	12	7	21.94	22.08	22.06	22.00	21.93	23.5	0
5	QPSK	12	13	21.99	21.96	22.10	22.01	21.99		
5	QPSK	25	0	22.21	22.04	22.19	21.99	22.17		
5	16QAM	1	0	22.10	22.02	22.15	21.99	22.09		
5	16QAM	1	12	21.89	21.97	22.06	21.99	21.97	23.5	0
5	16QAM	1	24	21.87	22.00	22.03	21.95	21.92		
5	16QAM	12	0	21.25	21.12	21.34	21.11	21.20		
5	16QAM	12	7	20.97	21.03	21.12	21.10	21.09	22.5	1
5	16QAM	12	13	20.89	20.95	21.02	21.08	20.91		
5	16QAM	25	0	21.18	21.10	21.22	21.08	21.19		
5	64QAM	1	0	21.35	21.27	21.36	21.28	21.27		
5	64QAM	1	12	21.28	21.13	21.25	21.19	21.16	22.5	1
5	64QAM	1	24	21.08	21.20	21.26	21.16	21.16		
5	64QAM	12	0	20.12	20.23	20.34	20.20	20.18		
5	64QAM	12	7	20.14	20.17	20.19	20.15	20.25	21.5	2
5	64QAM	12	13	20.08	20.04	20.10	20.07	20.04		
5	64QAM	25	0	19.99	19.99	20.16	20.20	20.02		
5	256QAM	1	0	18.13	18.13	18.31	18.11	18.10		
5	256QAM	1	12	18.24	18.07	18.25	18.02	18.21	19.5	4
5	256QAM	1	24	17.98	18.00	18.19	18.00	18.01		
5	256QAM	12	0	18.07	18.04	18.20	18.08	18.12		
5	256QAM	12	7	18.06	18.10	18.14	17.99	18.09	19.5	4
5	256QAM	12	13	18.01	17.96	18.06	18.03	17.98		
5	256QAM	25	0	18.00	18.06	18.14	18.06	18.09		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	24.61	24.58	24.64	24.43	24.39	25.1	0
20	QPSK	1	49	24.52	24.19	24.57	24.36	24.37		
20	QPSK	1	99	24.20	24.40	24.48	24.40	24.34		
20	QPSK	50	0	24.46	24.35	24.53	24.22	24.08	25.1	0
20	QPSK	50	24	24.35	24.22	24.36	24.29	24.07		
20	QPSK	50	50	24.04	24.14	24.19	24.29	24.12		
20	QPSK	100	0	24.31	24.19	24.37	24.29	24.18		
20	16QAM	1	0	24.50	24.49	24.54	24.41	24.41	25.1	0
20	16QAM	1	49	24.35	24.37	24.43	24.48	24.24		
20	16QAM	1	99	24.33	24.38	24.40	24.39	24.21		
20	16QAM	50	0	24.26	24.15	24.36	24.27	24.10	25	0.1
20	16QAM	50	24	24.19	24.20	24.28	24.11	24.06		
20	16QAM	50	50	24.11	24.05	24.17	24.11	23.97		
20	16QAM	100	0	24.25	24.21	24.33	24.15	24.17		
20	64QAM	1	0	24.18	24.15	24.29	24.10	24.10	25	0.1
20	64QAM	1	49	24.02	24.11	24.10	24.10	23.96		
20	64QAM	1	99	24.08	24.03	24.14	24.03	23.96		
20	64QAM	50	0	23.26	23.22	23.38	23.20	23.14	24	1.1
20	64QAM	50	24	23.15	23.14	23.27	23.19	23.03		
20	64QAM	50	50	23.14	23.10	23.23	23.15	23.06		
20	64QAM	100	0	23.11	23.17	23.23	23.22	23.02		
20	256QAM	1	0	21.51	21.42	21.59	21.46	21.29	22	3.1
20	256QAM	1	49	21.54	21.40	21.59	21.45	21.30		
20	256QAM	1	99	21.24	21.37	21.38	21.38	21.28		
20	256QAM	50	0	21.36	21.31	21.43	21.35	21.24	22	3.1
20	256QAM	50	24	21.22	21.16	21.29	21.24	21.04		
20	256QAM	50	50	21.14	21.12	21.21	21.20	21.05		
20	256QAM	100	0	21.32	21.21	21.38	21.19	21.16		
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	24.53	24.56	24.55	24.41	24.26	25.10	0
15	QPSK	1	37	24.45	24.11	24.50	24.32	24.23		
15	QPSK	1	74	24.12	24.27	24.42	24.27	24.27		
15	QPSK	36	0	24.32	24.26	24.44	24.20	24.00	25.1	0
15	QPSK	36	20	24.32	24.17	24.23	24.22	24.01		
15	QPSK	36	39	23.94	24.11	24.15	24.26	24.01		
15	QPSK	75	0	24.18	24.15	24.26	24.17	24.13		
15	16QAM	1	0	24.48	24.38	24.47	24.30	24.30	25.1	0
15	16QAM	1	37	24.21	24.28	24.38	24.44	24.20		
15	16QAM	1	74	24.20	24.31	24.32	24.32	24.14		
15	16QAM	36	0	24.22	24.02	24.24	24.16	23.97	25	0.1
15	16QAM	36	20	24.05	24.08	24.22	24.05	23.92		
15	16QAM	36	39	24.08	23.99	24.08	24.06	23.86		
15	16QAM	75	0	24.19	24.08	24.27	24.04	24.02		
15	64QAM	1	0	24.04	24.10	24.16	24.05	23.99	25	0.1
15	64QAM	1	37	23.89	24.04	23.97	23.98	23.88		
15	64QAM	1	74	24.03	23.89	24.10	23.94	23.92		
15	64QAM	36	0	23.19	23.18	23.35	23.05	23.05	24	1.1
15	64QAM	36	20	23.05	22.99	23.22	23.15	22.97		
15	64QAM	36	39	23.04	22.99	23.14	23.10	22.96		
15	64QAM	75	0	23.04	23.03	23.08	23.18	22.92		
15	256QAM	1	0	21.43	21.30	21.51	21.39	21.22	22	3.1
15	256QAM	1	37	21.42	21.27	21.46	21.36	21.19		
15	256QAM	1	74	21.20	21.26	21.32	21.23	21.20		
15	256QAM	36	0	21.24	21.17	21.34	21.25	21.11	22	3.1
15	256QAM	36	20	21.08	21.12	21.21	21.16	20.99		
15	256QAM	36	39	21.10	21.08	21.07	21.09	20.98		
15	256QAM	75	0	21.21	21.12	21.31	21.06	21.07		
Channel				39700	40160	40620	41080	41540	Tune-up limit	MPR
Frequency (MHz)				2501	2547	2593	2639	2685	(dBm)	(dB)
10	QPSK	1	0	24.53	24.47	24.51	24.30	24.26	25.10	0
10	QPSK	1	25	24.38	24.05	24.53	24.33	24.33		
10	QPSK	1	49	24.16	24.37	24.40	24.38	24.29		
10	QPSK	25	0	24.43	24.26	24.43	24.18	23.96	25.1	0
10	QPSK	25	12	24.23	24.15	24.23	24.15	23.95		
10	QPSK	25	25	23.95	24.01	24.15	24.27	24.06		
10	QPSK	50	0	24.19	24.16	24.27	24.23	24.05		
10	16QAM	1	0	24.38	24.37	24.50	24.30	24.34	25.1	0
10	16QAM	1	25	24.22	24.31	24.34	24.37	24.11		
10	16QAM	1	49	24.21	24.32	24.29	24.32	24.17		
10	16QAM	25	0	24.23	24.09	24.31	24.12	24.03	25	0.1
10	16QAM	25	12	24.12	24.15	24.22	24.06	23.91		
10	16QAM	25	25	24.04	23.96	24.14	24.04	23.85		
10	16QAM	50	0	24.18	24.14	24.28	24.06	24.13		
10	64QAM	1	0	24.09	24.09	24.26	24.06	23.97	25	0.1
10	64QAM	1	25	23.94	23.98	24.02	23.99	23.88		
10	64QAM	1	49	23.94	23.89	24.02	23.92	23.86		
10	64QAM	25	0	23.21	23.08	23.28	23.15	23.03	24	1.1
10	64QAM	25	12	23.05	23.10	23.24	23.09	22.89		
10	64QAM	25	25	23.02	22.97	23.20	23.08	22.96		
10	64QAM	50	0	22.97	23.07	23.13	23.18	22.98		
10	256QAM	1	0	21.47	21.39	21.54	21.36	21.18	22	3.1
10	256QAM	1	25	21.51	21.26	21.47	21.39	21.25		
10	256QAM	1	49	21.14	21.30	21.35	21.30	21.22		
10	256QAM	25	0	21.28	21.21	21.36	21.32	21.20	22	3.1
10	256QAM	25	12	21.09	21.04	21.23	21.17	20.94		
10	256QAM	25	25	20.99	21.07	21.13	21.16	20.96		
10	256QAM	50	0	21.28	21.16	21.27	21.11	21.02		
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	24.56	24.46	24.53	24.33	24.36	25.10	0
5	QPSK	1	12	24.43	24.15	24.46	24.32	24.27		
5	QPSK	1	24	24.16	24.33	24.42	24.28	24.28		
5	QPSK	12	0	24.32	24.33	24.43	24.19	23.94	25.1	0
5	QPSK	12	7	24.25	24.12	24.25	24.24	23.99		
5	QPSK	12	13	23.97	24.12	24.11	24.17	24.03		
5	QPSK	25	0	24.26	24.05	24.30	24.23	24.06		
5	16QAM	1	0	24.42	24.46	24.41	24.28	24.33	25.1	0
5	16QAM	1	12	24.32	24.31	24.30	24.41	24.21		
5	16QAM	1	24	24.21	24.31	24.28	24.35	24.18		
5	16QAM	12	0	24.20	24.02	24.31	24.20	24.02	25	0.1
5	16QAM	12	7	24.15	24.14	24.19	24.06	23.97		
5	16QAM	12	13	24.06	23.98	24.03	24.07	23.89		
5	16QAM	25	0	24.12	24.15	24.26	24.06	24.07		
5	64QAM	1	0	24.07	24.10	24.21	24.05	24.00	25	0.1
5	64QAM	1	12	23.91	23.97	24.02	24.07	23.92		
5	64QAM	1	24	23.97	23.99	24.11	23.99	23.89		
5	64QAM	12	0	23.18	23.14	23.27	23.07	23.06	24	1.1
5	64QAM	12	7	23.08	23.08	23.15	23.10	22.99		
5	64QAM	12	13	23.00	22.98	23.16	23.05	23.01		
5	64QAM	25	0	23.08	23.11	23.11	23.18	22.98		
5	256QAM	1	0	21.45	21.34	21.49	21.41	21.22	22	3.1
5	256QAM	1	12	21.48	21.25	21.46	21.37	21.17		
5	256QAM	1	24	21.19	21.30	21.32	21.28	21.22		
5	256QAM	12	0	21.28	21.25	21.33	21.22	21.19	22	3.1
5	256QAM	12	7	21.19	21.07	21.22	21.20	20.93		
5	256QAM	12	13	21.08	21.06	21.15	21.16	20.96		
5	256QAM	25	0	21.24	21.16	21.25	21.12	21.06		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3688	3699	3641	3690		
20	QPSK	1	0	21.28	21.44	21.37	21.32	23	0
20	QPSK	1	49	21.23	21.39	21.34	21.25		
20	QPSK	1	99	21.26	21.34	21.19	21.20		
20	QPSK	50	0	21.25	21.37	21.32	21.23	23	0
20	QPSK	50	24	21.24	21.35	21.30	21.31		
20	QPSK	50	50	21.26	21.31	21.26	21.23		
20	QPSK	100	0	21.15	21.28	21.14	21.22		
20	16QAM	1	0	21.31	21.34	21.30	21.24	23	0
20	16QAM	1	49	21.23	21.30	21.20	21.23		
20	16QAM	1	99	21.16	21.29	21.15	21.20		
20	16QAM	50	0	21.16	21.26	21.18	21.15	22.5	0.5
20	16QAM	50	24	21.14	21.20	21.17	21.11		
20	16QAM	50	50	21.10	21.23	21.14	21.19		
20	16QAM	100	0	21.18	21.21	21.15	21.13		
20	64QAM	1	0	21.09	21.15	21.10	21.01	22.5	0.5
20	64QAM	1	49	20.99	21.07	20.96	21.04		
20	64QAM	1	99	21.08	21.13	20.99	21.09		
20	64QAM	50	0	19.96	20.09	20.04	19.98	21.5	1.5
20	64QAM	50	24	20.18	20.22	20.08	20.15		
20	64QAM	50	50	20.15	20.20	20.15	20.14		
20	64QAM	100	0	20.08	20.15	20.10	20.10		
20	256QAM	1	0	18.13	18.25	18.16	18.11	19	4
20	256QAM	1	49	18.14	18.23	18.11	18.13		
20	256QAM	1	99	18.16	18.20	18.16	18.10		
20	256QAM	50	0	18.01	18.15	18.04	18.02	19	4
20	256QAM	50	24	18.14	18.17	18.02	18.05		
20	256QAM	50	50	18.02	18.14	17.99	18.08		
20	256QAM	100	0	18.09	18.11	18.06	17.98		
Channel				55315	55820	56160	56665	Tune-up limit	MPR
Frequency (MHz)				3657.5	3698	3642	3692.5	(dBm)	(dB)
15	QPSK	1	0	21.15	21.40	21.29	21.27	23	0
15	QPSK	1	37	21.14	21.29	21.28	21.10		
15	QPSK	1	74	21.20	21.20	21.06	21.13		
15	QPSK	36	0	21.17	21.24	21.18	21.18	23	0
15	QPSK	36	20	21.09	21.22	21.25	21.23		
15	QPSK	36	39	21.13	21.26	21.19	21.13		
15	QPSK	75	0	21.06	21.18	21.11	21.14		
15	16QAM	1	0	21.18	21.22	21.22	21.14	23	0
15	16QAM	1	37	21.13	21.17	21.16	21.11		
15	16QAM	1	74	21.10	21.16	21.07	21.09		
15	16QAM	36	0	21.06	21.18	21.14	21.09	22.5	0.5
15	16QAM	36	20	21.04	21.07	21.03	20.99		
15	16QAM	36	39	21.05	21.19	21.10	21.15		
15	16QAM	75	0	21.10	21.10	21.11	21.02		
15	64QAM	1	0	20.95	21.04	21.04	20.93	22.5	0.5
15	64QAM	1	37	20.89	20.93	20.88	20.98		
15	64QAM	1	74	20.95	21.02	20.91	21.03		
15	64QAM	36	0	19.93	20.05	19.99	19.85	21.5	1.5
15	64QAM	36	20	20.06	20.07	20.04	20.07		
15	64QAM	36	39	20.04	20.15	20.11	20.05		
15	64QAM	75	0	20.00	20.08	19.97	20.04		
15	256QAM	1	0	18.04	18.17	18.07	18.00	19	4
15	256QAM	1	37	18.03	18.14	18.00	18.10		
15	256QAM	1	74	18.12	18.08	18.13	17.99		
15	256QAM	36	0	17.91	18.03	17.94	17.95	19	4
15	256QAM	36	20	18.10	18.07	17.90	17.95		
15	256QAM	36	39	17.99	18.04	17.94	18.04		
15	256QAM	75	0	18.02	18.02	17.94	17.92		
Channel				55290	55815	56165	56690	Tune-up limit	MPR
Frequency (MHz)				3655	3697.5	3642.5	3695	(dBm)	(dB)
10	QPSK	1	0	21.23	21.37	21.33	21.21	23	0
10	QPSK	1	25	21.13	21.35	21.28	21.11		
10	QPSK	1	49	21.12	21.22	21.10	21.13		
10	QPSK	25	0	21.19	21.32	21.18	21.12	23	0
10	QPSK	25	12	21.18	21.23	21.18	21.20		
10	QPSK	25	25	21.12	21.22	21.20	21.11		
10	QPSK	50	0	21.06	21.22	21.03	21.18		
10	16QAM	1	0	21.28	21.28	21.19	21.13	23	0
10	16QAM	1	25	21.10	21.25	21.13	21.16		
10	16QAM	1	49	21.02	21.20	21.09	21.10		
10	16QAM	25	0	21.12	21.21	21.04	21.10	22.5	0.5
10	16QAM	25	12	21.02	21.16	21.05	21.07		
10	16QAM	25	25	20.96	21.12	21.05	21.14		
10	16QAM	50	0	21.14	21.08	21.11	21.05		
10	64QAM	1	0	21.03	21.06	20.98	20.97	22.5	0.5
10	64QAM	1	25	20.96	21.04	20.84	21.01		
10	64QAM	1	49	21.03	20.98	20.92	20.98		
10	64QAM	25	0	19.92	19.95	19.91	19.94	21.5	1.5
10	64QAM	25	12	20.11	20.10	19.93	20.03		
10	64QAM	25	25	20.07	20.11	20.06	20.03		
10	64QAM	50	0	19.94	20.02	20.05	20.06		
10	256QAM	1	0	18.03	18.15	18.12	18.07	19	4
10	256QAM	1	25	18.10	18.14	18.07	18.00		
10	256QAM	1	49	18.03	18.12	18.12	17.98		
10	256QAM	25	0	17.95	18.10	17.90	17.94	19	4
10	256QAM	25	12	18.02	18.06	17.99	17.91		
10	256QAM	25	25	17.94	18.08	17.90	18.00		
10	256QAM	50	0	18.03	18.07	17.98	17.92		
Channel				55265	55810	56170	56715	Tune-up limit	MPR
Frequency (MHz)				3652.5	3697	3643	3697.5	(dBm)	(dB)
5	QPSK	1	0	21.15	21.31	21.28	21.19	23	0
5	QPSK	1	12	21.14	21.35	21.28	21.19		
5	QPSK	1	24	21.11	21.31	21.15	21.10		
5	QPSK	12	0	21.15	21.29	21.19	21.10	23	0
5	QPSK	12	7	21.20	21.25	21.22	21.19		
5	QPSK	12	13	21.14	21.19	21.18	21.11		
5	QPSK	25	0	21.11	21.19	21.09	21.16		
5	16QAM	1	0	21.23	21.27	21.18	21.11	23	0
5	16QAM	1	12	21.16	21.18	21.08	21.19		
5	16QAM	1	24	21.10	21.16	21.02	21.11		
5	16QAM	12	0	21.05	21.15	21.05	21.12	22.5	0.5
5	16QAM	12	7	21.09	21.11	21.10	21.06		
5	16QAM	12	13	21.01	21.15	21.03	21.08		
5	16QAM	25	0	21.08	21.07	21.03	21.07		
5	64QAM	1	0	21.03	21.07	20.95	20.93	22.5	0.5
5	64QAM	1	12	20.91	20.99	20.87	20.90		
5	64QAM	1	24	21.04	20.99	20.85	20.97		
5	64QAM	12	0	19.83	19.97	19.97	19.85	21.5	1.5
5	64QAM	12	7	20.15	20.17	19.99	20.06		
5	64QAM	12	13	20.11	20.14	20.03	20.00		
5	64QAM	25	0	20.04	20.11	20.03	19.99		
5	256QAM	1	0	18.01	18.16	18.13	18.04	19	4
5	256QAM	1	12	18.10	18.17	18.00	18.00		
5	256QAM	1	24	18.04	18.10	18.02	18.06		
5	256QAM	12	0	17.93	18.01	17.99	17.97	19	4
5	256QAM	12	7	18.06	18.03	17.90	17.95		
5	256QAM	12	13	17.94	18.05	17.92	17.95		
5	256QAM	25	0	18.00	18.06	18.01	17.84		

	GSM850 Ant1	Default							
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		31.42	31.48	31.36	32.50	22.42	22.48	22.36	23.50
GPRS 1 Tx slot		31.39	31.45	31.33	32.50	22.39	22.45	22.33	23.50
GPRS 2 Tx slots		28.27	28.39	28.32	29.50	22.27	22.39	22.32	23.50
GPRS 3 Tx slots		26.80	26.91	26.80	28.00	22.54	22.65	22.54	23.74
GPRS 4 Tx slots		25.16	25.22	25.17	26.00	22.16	22.22	22.17	23.00
EDGE 1 Tx slot		24.03	24.17	24.05	25.00	15.03	15.17	15.05	16.00
EDGE 2 Tx slots		22.29	22.41	22.34	23.50	16.29	16.41	16.34	17.50
EDGE 3 Tx slots		21.15	21.23	21.08	22.00	16.89	16.97	16.82	17.74
EDGE 4 Tx slots		18.99	19.08	18.93	20.00	15.99	16.08	15.93	17.00

	GSM1900 Ant1	Default							
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		27.66	27.74	27.63	28.50	18.66	18.74	18.63	19.50
GPRS 1 Tx slot		27.52	27.67	27.57	28.50	18.52	18.67	18.57	19.50
GPRS 2 Tx slots		25.06	25.09	24.98	26.00	19.06	19.09	18.98	20.00
GPRS 3 Tx slots		23.36	23.42	23.32	24.50	19.10	19.16	19.06	20.24
GPRS 4 Tx slots		20.62	20.74	20.63	21.50	17.62	17.74	17.63	18.50
EDGE 1 Tx slot		22.78	22.86	22.72	23.50	13.78	13.86	13.72	14.50
EDGE 2 Tx slots		21.13	21.22	21.13	22.00	15.13	15.22	15.13	16.00
EDGE 3 Tx slots		19.86	19.96	19.86	21.00	15.60	15.70	15.60	16.74
EDGE 4 Tx slots		17.91	18.05	17.97	19.00	14.91	15.05	14.97	16.00

		Default WCDMA II Ant1				Default WCDMA IV Ant1				Default WCDMA V Ant1			
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	21.45	21.53	21.44	23.00	21.42	21.44	21.31	22.50	21.14	21.17	21.04	23.00
3GPP Rel 99	RMC 12.2Kbps	21.48	21.57	21.51	23.00	21.45	21.49	21.37	22.50	21.17	21.23	21.09	23.00
3GPP Rel 6	HSDPA Subtest-1	20.55	20.64	20.47	22.00	20.46	20.57	20.32	21.50	20.23	20.23	20.02	22.00
3GPP Rel 6	HSDPA Subtest-2	20.48	20.57	20.52	22.00	20.42	20.50	20.41	21.50	20.12	20.22	20.17	22.00
3GPP Rel 6	HSDPA Subtest-3	20.02	20.14	20.10	21.50	19.91	20.02	19.95	21.00	19.57	19.70	19.69	21.50
3GPP Rel 6	HSDPA Subtest-4	19.95	20.18	20.08	21.50	19.87	20.11	19.94	21.00	19.56	19.79	19.61	21.50
3GPP Rel 8	DC-HSDPA Subtest-1	20.50	20.70	20.45	22.00	20.46	20.63	20.35	21.50	20.21	20.32	20.01	22.00
3GPP Rel 8	DC-HSDPA Subtest-2	20.37	20.42	20.36	22.00	20.33	20.29	20.28	21.50	20.08	20.06	19.94	22.00
3GPP Rel 8	DC-HSDPA Subtest-3	19.99	19.96	19.92	21.50	19.94	19.84	19.88	21.00	19.69	19.58	19.65	21.50
3GPP Rel 8	DC-HSDPA Subtest-4	19.87	19.94	19.99	21.50	19.82	19.80	19.93	21.00	19.49	19.47	19.64	21.50
3GPP Rel 6	HSUPA Subtest-1	20.56	20.61	20.66	22.00	20.43	20.56	20.56	21.50	20.15	20.22	20.28	22.00
3GPP Rel 6	HSUPA Subtest-2	18.53	18.67	18.52	20.00	18.42	18.53	18.39	19.50	18.09	18.19	18.13	20.00
3GPP Rel 6	HSUPA Subtest-3	19.53	19.62	19.58	21.00	19.43	19.53	19.47	20.50	19.19	19.20	19.15	21.00
3GPP Rel 6	HSUPA Subtest-4	18.45	18.48	18.44	20.00	18.37	18.45	18.35	19.50	18.04	18.14	18.03	20.00
3GPP Rel 6	HSUPA Subtest-5	20.59	20.49	20.39	22.00	20.55	20.36	20.33	21.50	20.21	20.03	20.08	22.00

Band 2 Default Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	20.90	21.09	20.98	22	0
20	QPSK	1	49	20.75	21.04	20.88		
20	QPSK	1	99	20.80	20.99	20.76		
20	QPSK	50	0	20.99	21.04	20.89		
20	QPSK	50	24	20.87	20.99	20.90	22	0
20	QPSK	50	50	20.88	20.92	20.80		
20	QPSK	100	0	20.90	20.96	20.87		
20	16QAM	1	0	20.80	20.93	20.79		
20	16QAM	1	49	20.77	20.83	20.83	22	0
20	16QAM	1	99	20.69	20.73	20.77		
20	16QAM	50	0	20.82	20.88	20.76		
20	16QAM	50	24	20.72	20.85	20.69	21.5	0.5
20	16QAM	50	50	20.72	20.79	20.66		
20	16QAM	100	0	20.76	20.85	20.77		
20	64QAM	1	0	20.71	20.80	20.71		
20	64QAM	1	49	20.67	20.76	20.72	21.5	0.5
20	64QAM	1	99	20.56	20.71	20.61		
20	64QAM	50	0	19.80	19.88	19.76		
20	64QAM	50	24	19.77	19.73	19.69	20.5	1.5
20	64QAM	50	50	19.71	19.72	19.69		
20	64QAM	100	0	19.86	19.83	19.80		
20	256QAM	1	0	17.86	17.99	17.89		
20	256QAM	1	49	17.87	17.99	17.89	18.5	3.5
20	256QAM	1	99	17.82	17.86	17.81		
20	256QAM	50	0	17.88	17.94	17.88		
20	256QAM	50	24	17.73	17.83	17.80	18.5	3.5
20	256QAM	50	50	17.75	17.81	17.69		
20	256QAM	100	0	17.81	17.87	17.74		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	20.86	21.02	20.89	22	0
15	QPSK	1	37	20.75	20.99	20.80		
15	QPSK	1	74	20.73	21.00	20.86		
15	QPSK	36	0	20.93	21.03	20.87		
15	QPSK	36	20	20.78	20.91	20.88	22	0
15	QPSK	36	39	20.90	20.83	20.73		
15	QPSK	75	0	20.82	20.95	20.77		
15	16QAM	1	0	20.75	20.91	20.81	22	0
15	16QAM	1	37	20.76	20.73	20.84		
15	16QAM	1	74	20.66	20.74	20.71		
15	16QAM	36	0	20.72	20.81	20.67	21.5	0.5
15	16QAM	36	20	20.64	20.84	20.69		
15	16QAM	36	39	20.66	20.80	20.57		
15	16QAM	75	0	20.73	20.83	20.75		
15	64QAM	1	0	20.70	20.72	20.67	21.5	0.5
15	64QAM	1	37	20.66	20.76	20.74		
15	64QAM	1	74	20.49	20.69	20.55		
15	64QAM	36	0	19.72	19.86	19.74	20.5	1.5
15	64QAM	36	20	19.76	19.81	19.66		
15	64QAM	36	39	19.71	19.63	19.61		
15	64QAM	75	0	19.86	19.82	19.78		
15	256QAM	1	0	17.80	17.90	17.86	18.5	3.5
15	256QAM	1	37	17.84	17.89	17.78		
15	256QAM	1	74	17.76	17.85	17.72		
15	256QAM	36	0	17.86	17.93	17.81		
15	256QAM	36	20	17.73	17.82	17.78	18.5	3.5
15	256QAM	36	39	17.66	17.77	17.66		
15	256QAM	75	0	17.73	17.89	17.68		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	20.89	21.05	20.91	22	0
10	QPSK	1	25	20.70	20.95	20.82		
10	QPSK	1	49	20.71	20.94	20.92		
10	QPSK	25	0	20.94	20.94	20.87		
10	QPSK	25	12	20.84	20.95	20.84	22	0
10	QPSK	25	25	20.84	20.93	20.80		
10	QPSK	50	0	20.80	20.86	20.82		
10	16QAM	1	0	20.79	20.95	20.74		
10	16QAM	1	25	20.78	20.74	20.85	22	0
10	16QAM	1	49	20.62	20.73	20.73		
10	16QAM	25	0	20.83	20.89	20.70		
10	16QAM	25	12	20.72	20.84	20.66	21.5	0.5
10	16QAM	25	25	20.68	20.80	20.64		
10	16QAM	50	0	20.73	20.87	20.77		
10	64QAM	1	0	20.64	20.75	20.71	21.5	0.5
10	64QAM	1	25	20.64	20.76	20.64		
10	64QAM	1	49	20.49	20.69	20.55		
10	64QAM	25	0	19.75	19.87	19.67	20.5	1.5
10	64QAM	25	12	19.75	19.65	19.71		
10	64QAM	25	25	19.67	19.67	19.67		
10	64QAM	50	0	19.79	19.77	19.82		
10	256QAM	1	0	17.81	17.92	17.86	18.5	3.5
10	256QAM	1	25	17.81	17.92	17.85		
10	256QAM	1	49	17.73	17.79	17.76		
10	256QAM	25	0	17.82	17.85	17.80	18.5	3.5
10	256QAM	25	12	17.69	17.78	17.75		
10	256QAM	25	25	17.75	17.78	17.70		
10	256QAM	50	0	17.82	17.78	17.68		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	20.81	21.06	20.88	22	0
5	QPSK	1	12	20.65	20.99	20.82		
5	QPSK	1	24	20.72	21.01	20.90		
5	QPSK	12	0	20.90	21.01	20.81	22	0
5	QPSK	12	7	20.87	20.95	20.86		
5	QPSK	12	13	20.86	20.84	20.73		
5	QPSK	25	0	20.87	20.94	20.79		
5	16QAM	1	0	20.78	20.90	20.76	22	0
5	16QAM	1	12	20.73	20.74	20.78		
5	16QAM	1	24	20.62	20.67	20.71		
5	16QAM	12	0	20.83	20.83	20.78	21.5	0.5
5	16QAM	12	7	20.71	20.79	20.64		
5	16QAM	12	13	20.71	20.76	20.62		
5	16QAM	25	0	20.73	20.78	20.74		
5	64QAM	1	0	20.65	20.77	20.62	21.5	0.5
5	64QAM	1	12	20.69	20.66	20.73		
5	64QAM	1	24	20.48	20.68	20.53		
5	64QAM	12	0	19.71	19.82	19.66	20.5	1.5
5	64QAM	12	7	19.73	19.65	19.68		
5	64QAM	12	13	19.73	19.72	19.60		
5	64QAM	25	0	19.80	19.79	19.79		
5	256QAM	1	0	17.76	17.97	17.81	18.5	3.5
5	256QAM	1	12	17.79	17.96	17.85		
5	256QAM	1	24	17.78	17.78	17.81		
5	256QAM	12	0	17.78	17.89	17.80	18.5	3.5
5	256QAM	12	7	17.66	17.84	17.81		
5	256QAM	12	13	17.73	17.76	17.59		
5	256QAM	25	0	17.78	17.84	17.73		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	20.91	21.00	20.91	22	0
3	QPSK	1	8	20.76	20.94	20.81		
3	QPSK	1	14	20.70	20.93	20.83		
3	QPSK	8	0	20.97	20.99	20.84	22	0
3	QPSK	8	4	20.82	21.00	20.88		
3	QPSK	8	7	20.90	20.87	20.76		
3	QPSK	15	0	20.84	20.86	20.86		
3	16QAM	1	0	20.82	20.94	20.71	22	0
3	16QAM	1	8	20.72	20.75	20.77		
3	16QAM	1	14	20.65	20.68	20.77		
3	16QAM	8	0	20.74	20.88	20.76	21.5	0.5
3	16QAM	8	4	20.72	20.79	20.64		
3	16QAM	8	7	20.66	20.81	20.60		
3	16QAM	15	0	20.78	20.80	20.70		
3	64QAM	1	0	20.71	20.74	20.63	21.5	0.5
3	64QAM	1	8	20.61	20.74	20.65		
3	64QAM	1	14	20.46	20.71	20.56		
3	64QAM	8	0	19.79	19.79	19.71	20.5	1.5
3	64QAM	8	4	19.71	19.64	19.69		
3	64QAM	8	7	19.61	19.63	19.67		
3	64QAM	15	0	19.79	19.73	19.77		
3	256QAM	1	0	17.84	17.94	17.88	18.5	3.5
3	256QAM	1	8	17.88	17.94	17.87		
3	256QAM	1	14	17.81	17.82	17.75		
3	256QAM	8	0	17.88	17.92	17.79		
3	256QAM	8	4	17.65	17.84	17.78	18.5	3.5
3	256QAM	8	7	17.70	17.81	17.71		
3	256QAM	15	0	17.80	17.78	17.75		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	20.81	21.07	20.93	22	0
1.4	QPSK	1	3	20.66	20.93	20.79		
1.4	QPSK	1	5	20.76	20.96	20.83		
1.4	QPSK	3	0	20.95	21.00	20.80		
1.4	QPSK	3	1	20.77	20.88	20.78		
1.4	QPSK	3	3	20.84	20.89	20.72		
1.4	QPSK	6	0	20.86	20.91	20.83	22	0
1.4	16QAM	1	0	20.73	20.81	20.76	22	0
1.4	16QAM	1	3	20.73	20.71	20.75		
1.4	16QAM	1	5	20.68	20.66	20.65		
1.4	16QAM	3	0	20.71	20.80	20.69		
1.4	16QAM	3	1	20.68	20.79	20.77		
1.4	16QAM	3	3	20.64	20.66	20.73		
1.4	16QAM	6	0	20.70	20.77	20.74	21.5	0.5
1.4	64QAM	1	0	20.60	20.76	20.64	21.5	0.5
1.4	64QAM	1	3	20.60	20.77	20.58		
1.4	64QAM	1	5	20.63	20.80	20.73		
1.4	64QAM	3	0	20.67	20.77	20.65		
1.4	64QAM	3	1	20.64	20.67	20.64		
1.4	64QAM	3	3	20.50	20.64	20.51		
1.4	64QAM	6	0	19.76	19.84	19.68	20.5	1.5
1.4	256QAM	1	0	17.76	17.92	17.76	18.5	3.5
1.4	256QAM	1	3	17.76	17.95	17.77		
1.4	256QAM	1	5	17.69	17.74	17.80		
1.4	256QAM	3	0	17.76	17.90	17.83		
1.4	256QAM	3	1	17.67	17.78	17.71		
1.4	256QAM	3	3	17.65	17.74	17.62		
1.4	256QAM	6	0	17.75	17.75	17.64	18.5	3.5

Band 4 Default Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	20.93	21.08	20.89	22	0
20	QPSK	1	49	20.80	20.94	20.80		
20	QPSK	1	99	20.77	20.80	20.78		
20	QPSK	50	0	20.75	20.91	20.83		
20	QPSK	50	24	20.72	20.81	20.79	22	0
20	QPSK	50	50	20.74	20.78	20.77		
20	QPSK	100	0	20.78	20.85	20.83		
20	16QAM	1	0	20.87	20.92	20.80		
20	16QAM	1	49	20.78	20.85	20.75	22	0
20	16QAM	1	99	20.67	20.83	20.68		
20	16QAM	50	0	20.74	20.80	20.66		
20	16QAM	50	24	20.68	20.74	20.66	21.5	0.5
20	16QAM	50	50	20.62	20.70	20.62		
20	16QAM	100	0	20.63	20.78	20.69		
20	64QAM	1	0	20.78	20.85	20.75		
20	64QAM	1	49	20.74	20.80	20.74	21.5	0.5
20	64QAM	1	99	20.59	20.70	20.72		
20	64QAM	50	0	19.74	19.90	19.79		
20	64QAM	50	24	19.70	19.83	19.71	20.5	1.5
20	64QAM	50	50	19.64	19.78	19.66		
20	64QAM	100	0	19.68	19.74	19.75		
20	256QAM	1	0	17.99	18.06	18.01	18.5	3.5
20	256QAM	1	49	17.92	18.06	17.88		
20	256QAM	1	99	17.89	17.94	17.86		
20	256QAM	50	0	17.65	17.82	17.71		
20	256QAM	50	24	17.66	17.77	17.71	18.5	3.5
20	256QAM	50	50	17.57	17.72	17.68		
20	256QAM	100	0	17.65	17.77	17.70		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	20.86	21.02	20.78	22	0
15	QPSK	1	37	20.70	20.88	20.75		
15	QPSK	1	74	20.66	20.86	20.73		
15	QPSK	36	0	20.63	20.85	20.74		
15	QPSK	36	20	20.62	20.76	20.67	22	0
15	QPSK	36	39	20.60	20.67	20.60		
15	QPSK	75	0	20.69	20.75	20.76		
15	16QAM	1	0	20.80	20.78	20.76	22	0
15	16QAM	1	37	20.67	20.78	20.62		
15	16QAM	1	74	20.62	20.73	20.58		
15	16QAM	36	0	20.67	20.75	20.56		
15	16QAM	36	20	20.58	20.69	20.63	21.5	0.5
15	16QAM	36	39	20.50	20.64	20.50		
15	16QAM	75	0	20.56	20.69	20.58		
15	64QAM	1	0	20.68	20.76	20.63	21.5	0.5
15	64QAM	1	37	20.66	20.69	20.68		
15	64QAM	1	74	20.48	20.62	20.64		
15	64QAM	36	0	19.70	19.76	19.74	20.5	1.5
15	64QAM	36	20	19.63	19.70	19.56		
15	64QAM	36	39	19.55	19.66	19.51		
15	64QAM	75	0	19.65	19.67	19.63		
15	256QAM	1	0	17.86	17.92	17.89	18.5	3.5
15	256QAM	1	37	17.78	18.01	17.84		
15	256QAM	1	74	17.78	17.81	17.73		
15	256QAM	36	0	17.57	17.74	17.59	18.5	3.5
15	256QAM	36	20	17.62	17.65	17.65		
15	256QAM	36	39	17.42	17.60	17.54		
15	256QAM	75	0	17.56	17.64	17.58		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	20.85	20.90	20.70	22	0
10	QPSK	1	25	20.75	20.84	20.74		
10	QPSK	1	49	20.66	20.77	20.68		
10	QPSK	25	0	20.66	20.83	20.73	22	0
10	QPSK	25	12	20.64	20.69	20.72		
10	QPSK	25	25	20.64	20.71	20.67		
10	QPSK	50	0	20.69	20.81	20.76		
10	16QAM	1	0	20.77	20.85	20.68	22	0
10	16QAM	1	25	20.71	20.71	20.71		
10	16QAM	1	49	20.59	20.73	20.56		
10	16QAM	25	0	20.62	20.67	20.57		
10	16QAM	25	12	20.59	20.60	20.52	21.5	0.5
10	16QAM	25	25	20.58	20.64	20.48		
10	16QAM	50	0	20.69	20.69	20.59		
10	64QAM	1	0	20.66	20.71	20.67	21.5	0.5
10	64QAM	1	25	20.70	20.71	20.63		
10	64QAM	1	49	20.55	20.62	20.61		
10	64QAM	25	0	19.63	19.76	19.72	20.5	1.5
10	64QAM	25	12	19.58	19.69	19.64		
10	64QAM	25	25	19.58	19.69	19.60		
10	64QAM	50	0	19.56	19.67	19.62		
10	256QAM	1	0	17.90	17.97	17.89	18.5	3.5
10	256QAM	1	25	17.83	17.95	17.82		
10	256QAM	1	49	17.83	17.82	17.75		
10	256QAM	25	0	17.54	17.70	17.60	18.5	3.5
10	256QAM	25	12	17.63	17.63	17.61		
10	256QAM	25	25	17.51	17.67	17.64		
10	256QAM	50	0	17.52	17.68	17.55		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	20.80	20.94	20.78	22	0
5	QPSK	1	12	20.73	20.90	20.68		
5	QPSK	1	24	20.68	20.87	20.70		
5	QPSK	12	0	20.70	20.84	20.69	22	0
5	QPSK	12	7	20.65	20.76	20.67		
5	QPSK	12	13	20.67	20.71	20.72		
5	QPSK	25	0	20.66	20.73	20.79		
5	16QAM	1	0	20.74	20.87	20.76	22	0
5	16QAM	1	12	20.74	20.73	20.68		
5	16QAM	1	24	20.57	20.75	20.63		
5	16QAM	12	0	20.67	20.66	20.60	21.5	0.5
5	16QAM	12	7	20.59	20.68	20.55		
5	16QAM	12	13	20.60	20.66	20.55		
5	16QAM	25	0	20.55	20.63	20.55		
5	64QAM	1	0	20.75	20.75	20.60	21.5	0.5
5	64QAM	1	12	20.65	20.73	20.64		
5	64QAM	1	24	20.51	20.68	20.48		
5	64QAM	12	0	19.67	19.79	19.66	20.5	1.5
5	64QAM	12	7	19.55	19.71	19.57		
5	64QAM	12	13	19.56	19.70	19.56		
5	64QAM	25	0	19.63	19.60	19.68		
5	256QAM	1	0	17.94	18.00	17.89	18.5	3.5
5	256QAM	1	12	17.86	17.98	17.85		
5	256QAM	1	24	17.78	17.91	17.74		
5	256QAM	12	0	17.61	17.78	17.63	18.5	3.5
5	256QAM	12	7	17.55	17.70	17.65		
5	256QAM	12	13	17.47	17.64	17.64		
5	256QAM	25	0	17.57	17.69	17.65		
Channel				19950	20175	20400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	20.79	21.04	20.79	22	0
3	QPSK	1	8	20.69	20.80	20.71		
3	QPSK	1	14	20.72	20.81	20.71		
3	QPSK	8	0	20.64	20.88	20.77	22	0
3	QPSK	8	4	20.68	20.76	20.64		
3	QPSK	8	7	20.61	20.64	20.71		
3	QPSK	15	0	20.73	20.73	20.69		
3	16QAM	1	0	20.73	20.81	20.70	22	0
3	16QAM	1	8	20.64	20.72	20.66		
3	16QAM	1	14	20.53	20.73	20.54		
3	16QAM	8	0	20.61	20.71	20.62	21.5	0.5
3	16QAM	8	4	20.59	20.69	20.58		
3	16QAM	8	7	20.47	20.63	20.48		
3	16QAM	15	0	20.52	20.72	20.61		
3	64QAM	1	0	20.75	20.70	20.64	21.5	0.5
3	64QAM	1	8	20.64	20.76	20.62		
3	64QAM	1	14	20.55	20.57	20.62		
3	64QAM	8	0	19.59	19.79	19.67	20.5	1.5
3	64QAM	8	4	19.58	19.68	19.59		
3	64QAM	8	7	19.59	19.71	19.57		
3	64QAM	15	0	19.55	19.61	19.71		
3	256QAM	1	0	17.88	18.00	17.86	18.5	3.5
3	256QAM	1	8	17.89	18.02	17.78		
3	256QAM	1	14	17.75	17.87	17.83		
3	256QAM	8	0	17.51	17.71	17.56	18.5	3.5
3	256QAM	8	4	17.55	17.62	17.62		
3	256QAM	8	7	17.48	17.60	17.57		
3	256QAM	15	0	17.55	17.71	17.63		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	20.80	20.99	20.81	22	0
1.4	QPSK	1	3	20.69	20.86	20.69		
1.4	QPSK	1	5	20.68	20.79	20.74		
1.4	QPSK	3	0	20.67	20.78	20.78		
1.4	QPSK	3	1	20.66	20.70	20.69		
1.4	QPSK	3	3	20.70	20.69	20.74		
1.4	QPSK	6	0	20.71	20.77	20.76	22	0
1.4	16QAM	1	0	20.78	20.79	20.72	22	0
1.4	16QAM	1	3	20.74	20.81	20.64		
1.4	16QAM	1	5	20.61	20.87	20.74		
1.4	16QAM	3	0	20.61	20.78	20.73		
1.4	16QAM	3	1	20.69	20.67	20.74		
1.4	16QAM	3	3	20.72	20.73	20.74		
1.4	16QAM	6	0	20.62	20.74	20.57	21.5	0.5
1.4	64QAM	1	0	20.55	20.60	20.58	21.5	0.5
1.4	64QAM	1	3	20.47	20.63	20.57		
1.4	64QAM	1	5	20.59	20.73	20.61		
1.4	64QAM	3	0	20.71	20.74	20.70		
1.4	64QAM	3	1	20.68	20.65	20.66		
1.4	64QAM	3	3	20.46	20.62	20.61		
1.4	64QAM	6	0	19.69	19.86	19.74	20.5	1.5
1.4	256QAM	1	0	17.87	17.95	17.96	18.5	3.5
1.4	256QAM	1	3	17.86	17.94	17.75		
1.4	256QAM	1	5	17.76	17.90	17.71		
1.4	256QAM	3	0	17.53	17.72	17.58		
1.4	256QAM	3	1	17.53	17.68	17.65		
1.4	256QAM	3	3	17.45	17.67	17.62		
1.4	256QAM	6	0	17.57	17.74	17.60	18.5	3.5

Band 5 Default Ant1

BW [MHz]	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	21.22	21.31	21.26	22	0
10	QPSK	1	25	21.16	21.28	21.20		
10	QPSK	1	49	21.08	21.16	21.12		
10	QPSK	25	0	21.13	21.25	21.19		
10	QPSK	25	12	21.12	21.16	21.11	22	0
10	QPSK	25	25	20.99	21.09	21.03		
10	QPSK	50	0	21.03	21.18	21.11		
10	16QAM	1	0	21.05	21.16	21.06		
10	16QAM	1	25	21.04

Band 12 Default Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	21.61	21.73	21.68	23	0
10	QPSK	1	25	21.43	21.61	21.52		
10	QPSK	1	49	21.47	21.49	21.52		
10	QPSK	25	0	21.60	21.70	21.55	23	0
10	QPSK	25	12	21.55	21.63	21.53		
10	QPSK	25	25	21.46	21.48	21.46		
10	QPSK	50	0	21.51	21.57	21.45		
10	16QAM	1	0	21.55	21.63	21.51	23	0
10	16QAM	1	25	21.40	21.48	21.36		
10	16QAM	1	49	21.35	21.48	21.44		
10	16QAM	25	0	21.39	21.59	21.49	22.5	0.5
10	16QAM	25	12	21.34	21.46	21.40		
10	16QAM	25	25	21.38	21.39	21.41		
10	16QAM	50	0	21.33	21.54	21.40		
10	64QAM	1	0	21.34	21.50	21.36	22.5	0.5
10	64QAM	1	25	21.26	21.32	21.33		
10	64QAM	1	49	21.24	21.36	21.28		
10	64QAM	25	0	20.40	20.53	20.43	21.5	1.5
10	64QAM	25	12	20.37	20.43	20.31		
10	64QAM	25	25	20.28	20.34	20.33		
10	64QAM	50	0	20.25	20.37	20.31		
10	256QAM	1	0	18.44	18.62	18.48	19.5	3.5
10	256QAM	1	25	18.42	18.62	18.49		
10	256QAM	1	49	18.41	18.37	18.33		
10	256QAM	25	0	18.35	18.53	18.42	19.5	3.5
10	256QAM	25	12	18.26	18.37	18.36		
10	256QAM	25	25	18.24	18.32	18.32		
10	256QAM	50	0	18.33	18.45	18.30		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	21.56	21.63	21.54	23	0
5	QPSK	1	12	21.37	21.56	21.43		
5	QPSK	1	24	21.33	21.44	21.40		
5	QPSK	12	0	21.51	21.58	21.44	23	0
5	QPSK	12	7	21.49	21.58	21.39		
5	QPSK	12	13	21.34	21.39	21.41		
5	QPSK	25	0	21.40	21.46	21.33		
5	16QAM	1	0	21.48	21.51	21.40	23	0
5	16QAM	1	12	21.30	21.37	21.23		
5	16QAM	1	24	21.22	21.37	21.31		
5	16QAM	12	0	21.31	21.46	21.41	22.5	0.5
5	16QAM	12	7	21.23	21.39	21.27		
5	16QAM	12	13	21.27	21.32	21.38		
5	16QAM	25	0	21.26	21.43	21.34		
5	64QAM	1	0	21.20	21.36	21.22	22.5	0.5
5	64QAM	1	12	21.12	21.17	21.27		
5	64QAM	1	24	21.13	21.26	21.20		
5	64QAM	12	0	20.31	20.41	20.30	21.5	1.5
5	64QAM	12	7	20.33	20.34	20.19		
5	64QAM	12	13	20.17	20.20	20.18		
5	64QAM	25	0	20.15	20.22	20.24		
5	256QAM	1	0	18.36	18.53	18.35	19.5	3.5
5	256QAM	1	12	18.31	18.50	18.45		
5	256QAM	1	24	18.28	18.31	18.25		
5	256QAM	12	0	18.30	18.45	18.31	19.5	3.5
5	256QAM	12	7	18.17	18.24	18.23		
5	256QAM	12	13	18.20	18.23	18.28		
5	256QAM	25	0	18.30	18.42	18.17		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	21.46	21.66	21.63	23	0
3	QPSK	1	8	21.32	21.54	21.37		
3	QPSK	1	14	21.42	21.43	21.38		
3	QPSK	8	0	21.55	21.59	21.43	23	0
3	QPSK	8	4	21.48	21.52	21.39		
3	QPSK	8	7	21.32	21.40	21.38		
3	QPSK	15	0	21.37	21.53	21.37		
3	16QAM	1	0	21.47	21.57	21.37	23	0
3	16QAM	1	8	21.30	21.41	21.33		
3	16QAM	1	14	21.22	21.42	21.30		
3	16QAM	8	0	21.26	21.49	21.41	22.5	0.5
3	16QAM	8	4	21.21	21.38	21.30		
3	16QAM	8	7	21.28	21.32	21.27		
3	16QAM	15	0	21.22	21.47	21.36		
3	64QAM	1	0	21.20	21.40	21.29	22.5	0.5
3	64QAM	1	8	21.12	21.29	21.19		
3	64QAM	1	14	21.12	21.23	21.18		
3	64QAM	8	0	20.37	20.43	20.39	21.5	1.5
3	64QAM	8	4	20.23	20.28	20.25		
3	64QAM	8	7	20.16	20.19	20.27		
3	64QAM	15	0	20.19	20.25	20.22		
3	256QAM	1	0	18.30	18.47	18.36	19.5	3.5
3	256QAM	1	8	18.27	18.49	18.43		
3	256QAM	1	14	18.28	18.33	18.28		
3	256QAM	8	0	18.28	18.40	18.31	19.5	3.5
3	256QAM	8	4	18.18	18.26	18.30		
3	256QAM	8	7	18.20	18.19	18.29		
3	256QAM	15	0	18.23	18.36	18.17		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	21.46	21.69	21.55	23	0
1.4	QPSK	1	3	21.35	21.50	21.49		
1.4	QPSK	1	5	21.40	21.44	21.45		
1.4	QPSK	3	0	21.57	21.57	21.40		
1.4	QPSK	3	1	21.48	21.59	21.39		
1.4	QPSK	3	3	21.35	21.33	21.35		
1.4	QPSK	6	0	21.39	21.50	21.30	23	0
1.4	16QAM	1	0	21.50	21.56	21.39	23	0
1.4	16QAM	1	3	21.34	21.40	21.33		
1.4	16QAM	1	5	21.26	21.42	21.40		
1.4	16QAM	3	0	21.28	21.46	21.39		
1.4	16QAM	3	1	21.26	21.44	21.28		
1.4	16QAM	3	3	21.23	21.37	21.35		
1.4	16QAM	6	0	21.21	21.48	21.34	22.5	0.5
1.4	64QAM	1	0	21.28	21.41	21.27	22.5	0.5
1.4	64QAM	1	3	21.13	21.21	21.19		
1.4	64QAM	1	5	21.19	21.28	21.18		
1.4	64QAM	3	0	21.23	21.36	21.32		
1.4	64QAM	3	1	21.23	21.23	21.20		
1.4	64QAM	3	3	21.10	21.22	21.17		
1.4	64QAM	6	0	20.35	20.41	20.29	21.5	1.5
1.4	256QAM	1	0	18.37	18.49	18.44	19.5	3.5
1.4	256QAM	1	3	18.33	18.55	18.44		
1.4	256QAM	1	5	18.29	18.28	18.24		
1.4	256QAM	3	0	18.27	18.39	18.30		
1.4	256QAM	3	1	18.14	18.30	18.24		
1.4	256QAM	3	3	18.15	18.24	18.22		
1.4	256QAM	6	0	18.27	18.30	18.19	19.5	3.5

Band 13 Default Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		21.67		23	0
10	QPSK	1	25		21.48			
10	QPSK	1	49		21.50			
10	QPSK	25	0		21.63		23	0
10	QPSK	25	12		21.50			
10	QPSK	25	25		21.39			
10	QPSK	50	0		21.56			
10	16QAM	1	0		21.50		23	0
10	16QAM	1	25		21.45			
10	16QAM	1	49		21.45			
10	16QAM	25	0		21.47		22.5	0.5
10	16QAM	25	12		21.42			
10	16QAM	25	25		21.40			
10	16QAM	50	0		21.36			
10	64QAM	1	0		21.19		22.5	0.5
10	64QAM	1	25		21.04			
10	64QAM	1	49		21.02			
10	64QAM	25	0		20.21		21.5	1.5
10	64QAM	25	12		20.12			
10	64QAM	25	25		20.14			
10	64QAM	50	0		19.82			
10	256QAM	1	0		18.18		19.5	3.5
10	256QAM	1	25		18.12			
10	256QAM	1	49		17.99			
10	256QAM	25	0		18.14		19.5	3.5
10	256QAM	25	12		17.97			
10	256QAM	25	25		18.01			
10	256QAM	50	0		18.12			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	21.53	21.62	21.58	23	0
5	QPSK	1	12	21.42	21.44	21.34		
5	QPSK	1	24	21.42	21.38	21.46		
5	QPSK	12	0	21.54	21.57	21.49	23	0
5	QPSK	12	7	21.46	21.45	21.36		
5	QPSK	12	13	21.32	21.32	21.35		
5	QPSK	25	0	21.45	21.46	21.45		
5	16QAM	1	0	21.47	21.37	21.38	23	0
5	16QAM	1	12	21.32	21.31	21.30		
5	16QAM	1	24	21.36	21.37	21.42		
5	16QAM	12	0	21.33	21.33	21.42	22.5	0.5
5	16QAM	12	7	21.35	21.36	21.38		
5	16QAM	12	13	21.28	21.27	21.28		
5	16QAM	25	0	21.26	21.32	21.32		
5	64QAM	1	0	21.08	21.14	21.14	22.5	0.5
5	64QAM	1	12	20.96	20.94	20.97		
5	64QAM	1	24	20.94	20.91	20.95		
5	64QAM	12	0	20.14	20.13	20.18	21.5	1.5
5	64QAM	12	7	20.06	20.06	20.05		
5	64QAM	12	13	20.04	20.01	20.07		
5	64QAM	25	0	19.77	19.71	19.77		
5	256QAM	1	0	18.11	18.15	18.08	19.5	3.5
5	256QAM	1	12	18.07	18.07	18.01		
5	256QAM	1	24	17.94	17.94	17.85		
5	256QAM	12	0	18.08	18.10	18.10	19.5	3.5
5	256QAM	12	7	17.83	17.93	17.85		
5	256QAM	12	13	17.97	17.92	17.96		
5	256QAM	25	0	18.04	18.07	17.97		

Band 14 Default Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23330			
Frequency (MHz)					793			
10	QPSK	1	0		21.72		23	0
10	QPSK	1	25		21.53			
10	QPSK	1	49		21.54			
10	QPSK	25	0		21.68		23	0
10	QPSK	25	12		21.52			
10	QPSK	25	25		21.49			
10	QPSK	50	0		21.60			
10	16QAM	1	0		21.57		23	0
10	16QAM	1	25		21.39			
10	16QAM	1	49		21.37			
10	16QAM	25	0		21.52		22.5	0.5
10	16QAM	25	12		21.43			
10	16QAM	25	25		21.37			
10	16QAM	50	0		21.46			
10	64QAM	1	0		21.13		22.5	0.5
10	64QAM	1	25		21.05			
10	64QAM	1	49		20.93			
10	64QAM	25	0		20.16		21.5	1.5
10	64QAM	25	12		19.96			
10	64QAM	25	25		19.99			
10	64QAM	50	0		20.08			
10	256QAM	1	0		18.43		19.5	3.5
10	256QAM	1	25		18.43			
10	256QAM	1	49		18.29			
10	256QAM	25	0		18.42		19.5	3.5
10	256QAM	25	12		18.23			
10	256QAM	25	25		18.24			
10	256QAM	50	0		18.45			
Channel				23305	23330	23355	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	0	21.56	21.60	21.43	23	0
5	QPSK	1	12	21.52	21.57	21.25		
5	QPSK	1	24	21.48	21.48	21.25		
5	QPSK	12	0	21.45	21.59	21.37	23	0
5	QPSK	12	7	21.32	21.42	21.35		
5	QPSK	12	13	21.35	21.40	21.35		
5	QPSK	25	0	21.38	21.57	21.38		
5	16QAM	1	0	21.29	21.46	21.40	23	0
5	16QAM	1	12	21.32	21.35	21.31		
5	16QAM	1	24	21.26	21.23	21.25		
5	16QAM	12	0	21.36	21.46	21.29	22.5	0.5
5	16QAM	12	7	21.24	21.34	21.27		
5	16QAM	12	13	21.16	21.23	21.14		
5	16QAM	25	0	21.19	21.38	21.30		
5	64QAM	1	0	20.92	21.01	20.91	22.5	0.5
5	64QAM	1	12	20.80	20.81	20.91		
5	64QAM	1	24	20.75	20.92	20.85		
5	64QAM	12	0	19.90	20.10	19.88	21.5	1.5
5	64QAM	12	7	19.81	19.89	19.82		
5	64QAM	12	13	19.87	19.97	19.88		
5	64QAM	25	0	19.98	20.01	19.98		
5	256QAM	1	0	18.12	18.39	18.17	19.5	3.5
5	256QAM	1	12	18.14	18.40	18.06		
5	256QAM	1	24	18.11	18.13	18.16		
5	256QAM	12	0	18.11	18.33	18.11	19.5	3.5
5	256QAM	12	7	18.11	18.15	18.03		
5	256QAM	12	13	18.05	18.20	18.09		
5	256QAM	25	0	18.24	18.35	18.15		

Band 17 Default Ant1

BW [MHz]	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	21.61	21.66	21.56	23	0
10	QPSK	1	25	21.42	21.49	21.38		
10	QPSK	1	49	21.46	21.48	21.42		
10	QPSK	25	0	21.32	21.58	21.41	23	0
10	QPSK	25	12	21.33	21.35	21.27		
10	QPSK	25	25	21.32	21.31	21.29		
10	QPSK	50	0	21.48	21.52	21.47		
10	16QAM	1	0	21.31	21.51	21.40	23	0
10	16QAM	1	25	21.25	21.35	21.34		
10	16QAM	1	49	21.24	21.37	21.33		
10	16QAM	25	0	21.24	21.41	21.32	22.5	0.5
10	16QAM	25	12	21.17	21.23	21.10		
10	16QAM	25	25	21.20	21.27	21.18		
10	16QAM	50	0	21.22	21.36	21.30		
10	64QAM	1	0	21.12	21.34	21.27	22.5	0.5
10	64QAM	1	25	21.08	21.22	21.10		
10	64QAM	1	49	21.03	21.20	21.09		
10	64QAM	25	0	20.28	20.39	20.23	21.5	1.5
10	64QAM	25	12	20.15	20.25	20.16		
10	64QAM	25	25	20.19	20.23	20.14		
10	64QAM	50	0	20.28	20.27	20.21		
10	256QAM	1	0	18.28	18.41	18.31	19.5	3.5
10	256QAM	1	25	18.19	18.41	18.27		
10	256QAM	1	49	18.13	18.19	18.21		
10	256QAM	25	0	18.08	18.26	18.10	19.5	3.5
10	256QAM	25	12	18.10	18.08	18.09		
10	256QAM	25	25	18.05	18.08	17.97		
10	256QAM	50	0	18.21	18.34	18.26		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	21.47	21.58	21.41	23	0
5	QPSK	1	12	21.38	21.37	21.31		
5	QPSK	1	24	21.42	21.43	21.33		
5	QPSK	12	0	21.23	21.47	21.27	23	0
5	QPSK	12	7	21.24	21.23	21.14		
5	QPSK	12	13	21.22	21.23	21.26		
5	QPSK	25	0	21.41	21.46	21.39		
5	16QAM	1	0	21.18	21.39	21.27	23	0
5	16QAM	1	12	21.13	21.28	21.26		
5	16QAM	1	24	21.21	21.22	21.22		
5	16QAM	12	0	21.21	21.30	21.23	22.5	0.5
5	16QAM	12	7	21.10	21.13	21.03		
5	16QAM	12	13	21.11	21.23	21.13		
5	16QAM	25	0	21.16	21.25	21.21		
5	64QAM	1	0	21.05	21.29	21.21	22.5	0.5
5	64QAM	1	12	21.02	21.18	20.95		
5	64QAM	1	24	20.96	21.16	21.03		
5	64QAM	12	0	20.19	20.35	20.19	21.5	1.5
5	64QAM	12	7	20.05	20.19	20.04		
5	64QAM	12	13	20.06	20.12	20.05		
5	64QAM	25	0	20.19	20.22	20.11		
5	256QAM	1	0	18.22	18.31	18.24	19.5	3.5
5	256QAM	1	12	18.06	18.34	18.14		
5	256QAM	1	24	18.00	18.10	18.07		
5	256QAM	12	0	18.02	18.12	18.07	19.5	3.5
5	256QAM	12	7	18.03	18.02	18.00		
5	256QAM	12	13	17.99	18.01	17.82		
5	256QAM	25	0	18.11	18.24	18.12		

Band 25 Default Ant1

BW [MHz]	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	21.00	21.11	21.06	22	0
20	QPSK	1	49	20.84	20.97	20.93		
20	QPSK	1	99	20.83	20.92	20.87		
20	QPSK	50	0	20.92	21.06	20.96	22	0
20	QPSK	50	24	20.84	20.89	20.85		
20	QPSK	50	50	20.76	20.87	20.80		
20	QPSK	100	0	20.89	21.02	20.94		
20	16QAM	1	0	20.87	21.06	20.93	22	0
20	16QAM	1	49	20.83	20.89	20.89		
20	16QAM	1	99	20.78	20.85	20.80		
20	16QAM	50	0	20.84	21.00	20.84	22	0
20	16QAM	50	24	20.77	20.90	20.81		
20	16QAM	50	50	20.74	20.79	20.75		
20	16QAM	100	0	20.82	20.94	20.76		
20	64QAM	1	0	20.88	21.09	20.97	22	0
20	64QAM	1	49	20.92	20.97	20.89		
20	64QAM	1	99	20.88	20.89	20.80		
20	64QAM	50	0	20.89	21.01	20.89	22	0
20	64QAM	50	24	20.81	20.89	20.84		
20	64QAM	50	50	20.70	20.78	20.74		
20	64QAM	100	0	20.86	20.95	20.92		
20	256QAM	1	0	17.90	18.07	17.89	19	3
20	256QAM	1	49	17.92	18.07	17.88		
20	256QAM	1	99	17.77	17.84	17.77		
20	256QAM	50	0	17.86	17.99	17.88	19	3
20	256QAM	50	24	17.80	17.85	17.84		
20	256QAM	50	50	17.71	17.82	17.78		
20	256QAM	100	0	17.92	18.08	17.89		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	20.89	21.07	20.96	22	0
15	QPSK	1	37	20.75	20.91	20.79		
15	QPSK	1	74	20.75	20.84	20.75		
15	QPSK	36	0	20.83	20.94	20.91	22	0
15	QPSK	36	20	20.80	20.77	20.77		
15	QPSK	36	39	20.62	20.75	20.74		
15	QPSK	75	0	20.82	20.98	20.88		
15	16QAM	1	0	20.80	20.98	20.88	22	0
15	16QAM	1	37	20.77	20.83	20.79		
15	16QAM	1	74	20.66	20.77	20.66		
15	16QAM	36	0	20.71	20.96	20.71	22	0
15	16QAM	36	20	20.71	20.86	20.74		
15	16QAM	36	39	20.69	20.74	20.64		
15	16QAM	75	0	20.78	20.81	20.61		
15	64QAM	1	0	20.83	21.06	20.86	22	0
15	64QAM	1	37	20.89	20.85	20.77		
15	64QAM	1	74	20.74	20.85	20.70		
15	64QAM	36	0	20.76	20.96	20.75	22	0
15	64QAM	36	20	20.76	20.80	20.70		
15	64QAM	36	39	20.62	20.63	20.60		
15	64QAM	75	0	20.77	20.81	20.88		
15	256QAM	1	0	17.80	18.02	17.78	19	3
15	256QAM	1	37	17.88	18.03	17.78		
15	256QAM	1	74	17.63	17.71	17.73		
15	256QAM	36	0	17.80	17.91	17.85	19	3
15	256QAM	36	20	17.69	17.78	17.77		
15	256QAM	36	39	17.66	17.78	17.67		
15	256QAM	75	0	17.79	17.97	17.80		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	20.86	21.02	21.02	22	0
10	QPSK	1	25	20.78	20.93	20.89		
10	QPSK	1	49	20.78	20.80	20.73		
10	QPSK	25	0	20.81	21.02	20.85	22	0
10	QPSK	25	12	20.77	20.77	20.76		
10	QPSK	25	25	20.63	20.78	20.73		
10	QPSK	50	0	20.79	20.89	20.80		
10	16QAM	1	0	20.80	20.97	20.82	22	0
10	16QAM	1	25	20.74	20.76	20.79		
10	16QAM	1	49	20.75	20.71	20.75		
10	16QAM	25	0	20.77	20.91	20.75	22	0
10	16QAM	25	12	20.68	20.85	20.74		
10	16QAM	25	25	20.67	20.64	20.62		
10	16QAM	50	0	20.76	20.81	20.65		
10	64QAM	1	0	20.80	21.00	20.93	22	0
10	64QAM	1	25	20.77	20.85	20.77		
10	64QAM	1	49	20.84	20.80	20.68		
10	64QAM	25	0	20.79	20.88	20.74	22	0
10	64QAM	25	12	20.68	20.86	20.77		
10	64QAM	25	25	20.65	20.66	20.62		
10	64QAM	50	0	20.71	20.91	20.81		
10	256QAM	1	0	17.87	18.03	17.77	19	3
10	256QAM	1	25	17.88	17.99	17.74		
10	256QAM	1	49	17.71	17.75	17.62		
10	256QAM	25	0	17.80	17.85	17.82	19	3
10	256QAM	25	12	17.74	17.71	17.77		
10	256QAM	25	25	17.64	17.74	17.74		
10	256QAM	50	0	17.82	17.96	17.79		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	20.94	21.00	21.01	22	0
5	QPSK	1	12	20.80	20.84	20.89		
5	QPSK	1	24	20.69	20.81	20.80		
5	QPSK	12	0	20.78	20.96	20.82	22	0
5	QPSK	12	7	20.73	20.83	20.74		
5	QPSK	12	13	20.64	20.80	20.74		
5	QPSK	25	0	20.81	20.92	20.90		
5	16QAM	1	0	20.73	20.92	20.82	22	0
5	16QAM	1	12	20.73	20.81	20.75		
5	16QAM	1	24	20.68	20.71	20.76		
5	16QAM	12	0	20.77	20.90	20.69	22	0
5	16QAM	12	7	20.72	20.78	20.72		
5	16QAM	12	13	20.64	20.74	20.67		
5	16QAM	25	0	20.69	20.84	20.63		
5	64QAM	1	0	20.85	21.04	20.91	22	0
5	64QAM	1	12	20.85	20.88	20.81		
5	64QAM	1	24	20.77	20.79	20.69		
5	64QAM	12	0	20.75	20.92	20.84	22	0
5	64QAM	12	7	20.77	20.74	20.70		
5	64QAM	12	13	20.59	20.68	20.63		
5	64QAM	25	0	20.74	20.84	20.86		
5	256QAM	1	0	17.77	18.03	17.77	19	3
5	256QAM	1	12	17.81	18.02	17.74		
5	256QAM	1	24	17.73	17.70	17.69		
5	256QAM	12	0	17.76	17.87	17.75	19	3
5	256QAM	12	7	17.70	17.71	17.74		
5	256QAM	12	13	17.62	17.70	17.74		
5	256QAM	25	0	17.83	18.04	17.83		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	20.96	20.99	20.98	22	0
3	QPSK	1	8	20.75	20.93	20.87		
3	QPSK	1	14	20.71	20.87	20.79		
3	QPSK	8	0	20.81	21.02	20.91	22	0
3	QPSK	8	4	20.73	20.83	20.70		
3	QPSK	8	7	20.69	20.79	20.71		
3	QPSK	15	0	20.81	20.94	20.83		
3	16QAM	1	0	20.81	20.99	20.86	22	0
3	16QAM	1	8	20.78	20.84	20.85		
3	16QAM	1	14	20.65	20.79	20.72		
3	16QAM	8	0	20.76	20.86	20.79	22	0
3	16QAM	8	4	20.67	20.84	20.72		
3	16QAM	8	7	20.60	20.69	20.61		
3	16QAM	15	0	20.74	20.88	20.63		
3	64QAM	1	0	20.84	21.00	20.87	22	0
3	64QAM	1	8	20.86	20.93	20.76		
3	64QAM	1	14	20.81	20.75	20.69		
3	64QAM	8	0	20.75	20.88	20.79	22	0
3	64QAM	8	4	20.71	20.78	20.73		
3	64QAM	8	7	20.64	20.63	20.67		
3	64QAM	15	0	20.81	20.88	20.77		
3	256QAM	1	0	17.85	17.96	17.85	19	3
3	256QAM	1	8	17.81	17.96	17.83		
3	256QAM	1	14	17.71	17.69	17.63		
3	256QAM	8	0	17.78	17.93	17.83	19	3
3	256QAM	8	4	17.74	17.73	17.76		
3	256QAM	8	7	17.65	17.73	17.65		
3	256QAM	15	0	17.82	17.93	17.83		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	20.91	21.00	21.02	22	0
1.4	QPSK	1	3	20.80	20.85	20.80		
1.4	QPSK	1	5	20.69	20.88	20.73		
1.4	QPSK	3	0	20.86	20.93	20.88		
1.4	QPSK	3	1	20.70	20.76	20.71		
1.4	QPSK	3	3	20.69	20.78	20.72		
1.4	QPSK	6	0	20.78	20.92	20.90	22	0
1.4	16QAM	1	0	20.78	21.01	20.87	22	0
1.4	16QAM	1	3	20.71	20.81	20.84		
1.4	16QAM	1	5	20.75	20.71	20.69		
1.4	16QAM	3	0	20.80	20.92	20.72		
1.4	16QAM	3	1	20.65	20.84	20.71		
1.4	16QAM	3	3	20.60	20.65	20.70		
1.4	16QAM	6	0	20.73	20.87	20.65	22	0
1.4	64QAM	1	0	20.74	20.94	20.84	22	0
1.4	64QAM	1	3	20.82	20.91	20.75		
1.4	64QAM	1	5	20.73	20.82	20.74		
1.4	64QAM	3	0	20.77	20.91	20.75		
1.4	64QAM	3	1	20.70	20.81	20.72		
1.4	64QAM	3	3	20.55	20.72	20.63		
1.4	64QAM	6	0	20.78	20.84	20.84	22	0
1.4	256QAM	1	0	17.82	18.01	17.74	19	3
1.4	256QAM	1	3	17.83	17.95	17.75		
1.4	256QAM	1	5	17.64	17.72	17.68		
1.4	256QAM	3	0	17.77	17.85	17.81		
1.4	256QAM	3	1	17.70	17.70	17.74		
1.4	256QAM	3	3	17.65	17.70	17.66		
1.4	256QAM	6	0	17.84	18.03	17.82	19	3

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	21.32	21.38	21.29	22	0
15	QPSK	1	37	21.17	21.27	21.14		
15	QPSK	1	74	21.14	21.20	21.10		
15	QPSK	36	0	21.18	21.33	21.14	22	0
15	QPSK	36	20	21.17	21.18	21.12		
15	QPSK	36	39	21.02	21.18	21.06		
15	QPSK	75	0	21.17	21.29	21.11		
15	16QAM	1	0	21.11	21.23	21.11	22	0
15	16QAM	1	37	21.02	21.11	21.04		
15	16QAM	1	74	20.97	21.08	21.05		
15	16QAM	36	0	21.05	21.17	21.05	22	0
15	16QAM	36	20	20.97	21.06	20.97		
15	16QAM	36	39	20.95	20.94	20.89		
15	16QAM	75	0	21.04	21.15	20.99		
15	64QAM	1	0	21.09	21.29	21.14	22	0
15	64QAM	1	37	21.07	21.12	21.05		
15	64QAM	1	74	21.09	21.05	21.10		
15	64QAM	36	0	20.05	20.15	20.06	21	1
15	64QAM	36	20	19.97	20.03	20.01		
15	64QAM	36	39	19.94	19.94	19.90		
15	64QAM	75	0	20.09	20.15	20.06		
15	256QAM	1	0	18.31	18.43	18.26	19	3
15	256QAM	1	37	18.28	18.43	18.20		
15	256QAM	1	74	18.21	18.26	18.14		
15	256QAM	36	0	18.00	18.17	18.08	19	3
15	256QAM	36	20	18.02	18.08	17.98		
15	256QAM	36	39	17.90	18.02	17.97		
15	256QAM	75	0	18.07	18.23	18.06		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	21.20	21.26	21.26	22	0
10	QPSK	1	25	21.13	21.15	21.01		
10	QPSK	1	49	21.10	21.14	21.04		
10	QPSK	25	0	21.05	21.19	21.00	22	0
10	QPSK	25	12	21.06	21.12	21.02		
10	QPSK	25	25	20.96	21.09	20.94		
10	QPSK	50	0	21.11	21.20	20.97		
10	16QAM	1	0	21.03	21.13	20.97	22	0
10	16QAM	1	25	20.91	21.07	20.92		
10	16QAM	1	49	20.85	20.97	21.01		
10	16QAM	25	0	20.92	21.08	20.98	22	0
10	16QAM	25	12	20.93	20.91	20.94		
10	16QAM	25	25	20.82	20.80	20.80		
10	16QAM	50	0	20.91	21.08	20.87		
10	64QAM	1	0	20.97	21.15	21.04	22	0
10	64QAM	1	25	20.93	21.01	21.02		
10	64QAM	1	49	21.01	20.95	20.98		
10	64QAM	25	0	19.93	20.07	19.93	21	1
10	64QAM	25	12	19.93	19.97	19.93		
10	64QAM	25	25	19.83	19.86	19.87		
10	64QAM	50	0	19.94	20.09	19.97		
10	256QAM	1	0	18.19	18.29	18.11	19	3
10	256QAM	1	25	18.18	18.38	18.11		
10	256QAM	1	49	18.13	18.22	18.05		
10	256QAM	25	0	17.91	18.05	17.96	19	3
10	256QAM	25	12	17.93	18.05	17.88		
10	256QAM	25	25	17.87	17.96	17.93		
10	256QAM	50	0	17.96	18.15	17.97		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	21.19	21.34	21.20	22	0
5	QPSK	1	12	21.11	21.12	21.05		
5	QPSK	1	24	21.09	21.09	20.96		
5	QPSK	12	0	21.06	21.29	21.04	22	0
5	QPSK	12	7	21.07	21.09	21.08		
5	QPSK	12	13	20.96	21.05	20.98		
5	QPSK	25	0	21.12	21.18	21.06		
5	16QAM	1	0	20.99	21.17	21.04	22	0
5	16QAM	1	12	20.97	21.05	20.96		
5	16QAM	1	24	20.85	21.05	21.01		
5	16QAM	12	0	20.95	21.03	20.93	22	0
5	16QAM	12	7	20.87	20.97	20.92		
5	16QAM	12	13	20.87	20.79	20.77		
5	16QAM	25	0	20.93	21.08	20.95		
5	64QAM	1	0	21.04	21.23	21.09	22	0
5	64QAM	1	12	20.96	21.02	20.92		
5	64QAM	1	24	21.03	20.94	20.99		
5	64QAM	12	0	19.95	20.05	19.93	21	1
5	64QAM	12	7	19.93	19.97	19.90		
5	64QAM	12	13	19.84	19.81	19.80		
5	64QAM	25	0	20.02	20.07	20.03		
5	256QAM	1	0	18.19	18.37	18.13	19	3
5	256QAM	1	12	18.13	18.38	18.11		
5	256QAM	1	24	18.10	18.21	18.07		
5	256QAM	12	0	17.92	18.07	18.01	19	3
5	256QAM	12	7	17.99	18.03	17.91		
5	256QAM	12	13	17.83	17.90	17.88		
5	256QAM	25	0	17.99	18.11	18.01		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	21.23	21.32	21.17	22	0
3	QPSK	1	8	21.07	21.20	21.08		
3	QPSK	1	14	21.09	21.15	20.96		
3	QPSK	8	0	21.14	21.22	21.00	22	0
3	QPSK	8	4	21.05	21.14	21.04		
3	QPSK	8	7	20.94	21.05	20.92		
3	QPSK	15	0	21.04	21.16	21.02		
3	16QAM	1	0	20.96	21.15	21.03	22	0
3	16QAM	1	8	20.93	21.03	21.00		
3	16QAM	1	14	20.84	21.01	20.90		
3	16QAM	8	0	20.94	21.04	20.98	22	0
3	16QAM	8	4	20.90	20.92	20.85		
3	16QAM	8	7	20.90	20.89	20.79		
3	16QAM	15	0	20.92	21.11	20.95		
3	64QAM	1	0	21.00	21.15	21.10	22	0
3	64QAM	1	8	20.93	21.01	20.98		
3	64QAM	1	14	21.02	20.97	21.07		
3	64QAM	8	0	20.02	20.01	19.92	21	1
3	64QAM	8	4	19.88	19.97	19.94		
3	64QAM	8	7	19.87	19.87	19.84		
3	64QAM	15	0	19.97	20.10	19.94		
3	256QAM	1	0	18.27	18.36	18.22	19	3
3	256QAM	1	8	18.22	18.37	18.06		
3	256QAM	1	14	18.17	18.19	18.02		
3	256QAM	8	0	17.86	18.05	18.03	19	3
3	256QAM	8	4	17.98	17.95	17.90		
3	256QAM	8	7	17.76	17.96	17.88		
3	256QAM	15	0	17.98	18.14	17.92		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	21.20	21.28	21.17	22	0
1.4	QPSK	1	3	21.11	21.21	21.01		
1.4	QPSK	1	5	21.04	21.14	21.02		
1.4	QPSK	3	0	21.05	21.26	21.04		
1.4	QPSK	3	1	21.09	21.08	21.04		
1.4	QPSK	3	3	20.99	21.14	21.03		
1.4	QPSK	6	0	21.09	21.16	21.06	22	0
1.4	16QAM	1	0	21.06	21.18	20.97	22	0
1.4	16QAM	1	3	20.91	21.04	20.94		
1.4	16QAM	1	5	20.93	21.03	20.91		
1.4	16QAM	3	0	20.96	21.11	20.95		
1.4	16QAM	3	1	20.89	20.95	20.85		
1.4	16QAM	3	3	20.88	20.87	20.74		
1.4	16QAM	6	0	20.94	21.00	20.89	22	0
1.4	64QAM	1	0	21.04	21.24	21.04	22	0
1.4	64QAM	1	3	20.97	21.04	21.01		
1.4	64QAM	1	5	20.99	20.97	20.99		
1.4	64QAM	3	0	20.97	21.25	21.03		
1.4	64QAM	3	1	20.93	20.97	20.96		
1.4	64QAM	3	3	21.01	21.01	21.00		
1.4	64QAM	6	0	19.95	20.02	19.96	21	1
1.4	256QAM	1	0	18.20	18.36	18.15	19	3
1.4	256QAM	1	3	18.14	18.33	18.16		
1.4	256QAM	1	5	18.14	18.23	18.02		
1.4	256QAM	3	0	17.87	18.07	18.03		
1.4	256QAM	3	1	17.92	18.02	17.85		
1.4	256QAM	3	3	17.81	17.88	17.93		
1.4	256QAM	6	0	18.01	18.17	18.02	19	3

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		21.11		22.4	0
10	QPSK	1	25		20.81			
10	QPSK	1	49		20.70			
10	QPSK	25	0		20.92		22.4	0
10	QPSK	25	12		20.76			
10	QPSK	25	25		20.66			
10	QPSK	50	0		20.85			
10	16QAM	1	0		20.76		22.4	0
10	16QAM	1	25		20.79			
10	16QAM	1	49		20.55			
10	16QAM	25	0		20.92		22	0.4
10	16QAM	25	12		20.82			
10	16QAM	25	25		20.70			
10	16QAM	50	0		21.04			
10	64QAM	1	0		21.06		22	0.4
10	64QAM	1	25		20.97			
10	64QAM	1	49		20.95			
10	64QAM	25	0		20.24		21	1.4
10	64QAM	25	12		20.15			
10	64QAM	25	25		20.01			
10	64QAM	50	0		19.63			
10	256QAM	1	0		18.80		19	3.4
10	256QAM	1	25		18.80			
10	256QAM	1	49		18.59			
10	256QAM	25	0		18.70		19	3.4
10	256QAM	25	12		18.50			
10	256QAM	25	25		18.45			
10	256QAM	50	0		18.69			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	20.76	20.81	20.65	22.4	0
5	QPSK	1	12	20.70	20.80	20.72		
5	QPSK	1	24	20.83	20.55	20.53		
5	QPSK	12	0	20.71	20.74	20.59	22.4	0
5	QPSK	12	7	20.70	20.72	20.57		
5	QPSK	12	13	20.51	20.65	20.64		
5	QPSK	25	0	20.60	20.83	20.64		
5	16QAM	1	0	20.57	20.78	20.47	22.4	0
5	16QAM	1	12	20.56	20.48	20.67		
5	16QAM	1	24	20.52	20.67	20.64		
5	16QAM	12	0	20.70	20.78	20.76	22	0.4
5	16QAM	12	7	20.59	20.64	20.57		
5	16QAM	12	13	20.58	20.62	20.54		
5	16QAM	25	0	20.89	20.91	20.78		
5	64QAM	1	0	20.95	21.04	20.87	22	0.4
5	64QAM	1	12	20.91	20.89	20.90		
5	64QAM	1	24	20.86	20.88	20.84		
5	64QAM	12	0	20.03	20.15	19.94	21	1.4
5	64QAM	12	7	20.00	20.02	19.96		
5	64QAM	12	13	19.83	20.02	19.87		
5	64QAM	25	0	19.57	19.56	19.57		
5	256QAM	1	0	18.49	18.66	18.57	19	3.4
5	256QAM	1	12	18.46	18.69	18.52		
5	256QAM	1	24	18.44	18.57	18.55		
5	256QAM	12	0	18.47	18.61	18.39	19	3.4
5	256QAM	12	7	18.47	18.54	18.45		
5	256QAM	12	13	18.34	18.38	18.31		
5	256QAM	25	0	18.40	18.61	18.40		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	21.03	21.12	20.97	22	0
20	QPSK	1	49	20.91	21.03	20.86		
20	QPSK	1	99	20.86	20.90	20.79		
20	QPSK	50	0	20.87	21.07	20.96	22	0
20	QPSK	50	24	20.80	20.88	20.84		
20	QPSK	50	50	20.80	20.87	20.88		
20	QPSK	100	0	20.84	20.95	20.82		
20	16QAM	1	0	20.90	20.92	20.87	22	0
20	16QAM	1	49	20.74	20.86	20.80		
20	16QAM	1	99	20.78	20.82	20.73		
20	16QAM	50	0	20.71	20.87	20.79	22	0
20	16QAM	50	24	20.64	20.68	20.65		
20	16QAM	50	50	20.63	20.69	20.59		
20	16QAM	100	0	20.83	20.94	20.82		
20	64QAM	1	0	20.81	20.92	20.74	22	0
20	64QAM	1	49	20.75	20.80	20.77		
20	64QAM	1	99	20.65	20.69	20.68		
20	64QAM	50	0	20.61	20.79	20.69	22	0
20	64QAM	50	24	20.59	20.70	20.54		
20	64QAM	50	50	20.56	20.60	20.49		
20	64QAM	100	0	20.74	20.83	20.82		
20	256QAM	1	0	17.89	18.10	18.00	19	3
20	256QAM	1	49	17.93	18.10	17.95		
20	256QAM	1	99	17.79	17.90	17.85		
20	256QAM	50	0	17.60	17.75	17.63	19	3
20	256QAM	50	24	17.60	17.58	17.52		
20	256QAM	50	50	17.47	17.58	17.47		
20	256QAM	100	0	17.78	17.92	17.80		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	20.92	21.07	20.92	22	0
15	QPSK	1	37	20.78	20.96	20.79		
15	QPSK	1	74	20.77	20.75	20.71		
15	QPSK	36	0	20.78	21.01	20.83	22	0
15	QPSK	36	20	20.75	20.78	20.76		
15	QPSK	36	39	20.67	20.83	20.79		
15	QPSK	75	0	20.74	20.92	20.77		
15	16QAM	1	0	20.81	20.83	20.75	22	0
15	16QAM	1	37	20.63	20.83	20.77		
15	16QAM	1	74	20.66	20.68	20.65		
15	16QAM	36	0	20.59	20.74	20.64	22	0
15	16QAM	36	20	20.54	20.54	20.51		
15	16QAM	36	39	20.59	20.64	20.51		
15	16QAM	75	0	20.75	20.88	20.70		
15	64QAM	1	0	20.71	20.80	20.69	22	0
15	64QAM	1	37	20.61	20.68	20.66		
15	64QAM	1	74	20.54	20.58	20.55		
15	64QAM	36	0	20.56	20.70	20.62	22	0
15	64QAM	36	20	20.53	20.62	20.40		
15	64QAM	36	39	20.48	20.52	20.38		
15	64QAM	75	0	20.67	20.69	20.68		
15	256QAM	1	0	17.76	17.98	17.91	19	3
15	256QAM	1	37	17.78	18.02	17.83		
15	256QAM	1	74	17.65	17.85	17.81		
15	256QAM	36	0	17.46	17.70	17.50	19	3
15	256QAM	36	20	17.47	17.53	17.41		
15	256QAM	36	39	17.37	17.50	17.33		
15	256QAM	75	0	17.64	17.81	17.74		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	20.94	21.01	20.86	22	0
10	QPSK	1	25	20.83	20.89	20.71		
10	QPSK	1	49	20.82	20.78	20.72		
10	QPSK	25	0	20.76	20.97	20.88	22	0
10	QPSK	25	12	20.68	20.78	20.79		
10	QPSK	25	25	20.76	20.81	20.74		
10	QPSK	50	0	20.74	20.81	20.68		
10	16QAM	1	0	20.81	20.83	20.74	22	0
10	16QAM	1	25	20.66	20.75	20.74		
10	16QAM	1	49	20.73	20.76	20.64		
10	16QAM	25	0	20.58	20.81	20.65	22	0
10	16QAM	25	12	20.54	20.58	20.60		
10	16QAM	25	25	20.56	20.65	20.49		
10	16QAM	50	0	20.80	20.82	20.68		
10	64QAM	1	0	20.72	20.86	20.71	22	0
10	64QAM	1	25	20.61	20.74	20.64		
10	64QAM	1	49	20.51	20.55	20.58		
10	64QAM	25	0	20.47	20.71	20.57	22	0
10	64QAM	25	12	20.48	20.64	20.43		
10	64QAM	25	25	20.47	20.46	20.45		
10	64QAM	50	0	20.67	20.79	20.75		
10	256QAM	1	0	17.86	17.97	17.92	19	3
10	256QAM	1	25	17.86	17.95	17.87		
10	256QAM	1	49	17.65	17.76	17.79		
10	256QAM	25	0	17.53	17.63	17.59	19	3
10	256QAM	25	12	17.57	17.52	17.45		
10	256QAM	25	25	17.36	17.46	17.43		
10	256QAM	50	0	17.65	17.85	17.76		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	20.91	20.98	20.86	22	0
5	QPSK	1	12	20.85	20.92	20.79		
5	QPSK	1	24	20.80	20.82	20.68		
5	QPSK	12	0	20.75	20.94	20.92	22	0
5	QPSK	12	7	20.76	20.79	20.71		
5	QPSK	12	13	20.67	20.80	20.79		
5	QPSK	25	0	20.73	20.91	20.67		
5	16QAM	1	0	20.81	20.80	20.76	22	0
5	16QAM	1	12	20.64	20.73	20.75		
5	16QAM	1	24	20.76	20.73	20.60		
5	16QAM	12	0	20.67	20.72	20.64	22	0
5	16QAM	12	7	20.58	20.57	20.60		
5	16QAM	12	13	20.50	20.55	20.54		
5	16QAM	25	0	20.76	20.88	20.69		
5	64QAM	1	0	20.70	20.83	20.66	22	0
5	64QAM	1	12	20.65	20.77	20.64		
5	64QAM	1	24	20.62	20.54	20.61		
5	64QAM	12	0	20.53	20.67	20.60	22	0
5	64QAM	12	7	20.46	20.58	20.49		
5	64QAM	12	13	20.50	20.53	20.39		
5	64QAM	25	0	20.70	20.77	20.70		
5	256QAM	1	0	17.82	18.02	17.93	19	3
5	256QAM	1	12	17.80	17.98	17.82		
5	256QAM	1	24	17.70	17.76	17.71		
5	256QAM	12	0	17.55	17.63	17.49	19	3
5	256QAM	12	7	17.54	17.50	17.47		
5	256QAM	12	13	17.39	17.51	17.44		
5	256QAM	25	0	17.64	17.78	17.75		
Channel				131962	132322	132682	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	20.91	21.06	20.92	22	0
3	QPSK	1	8	20.85	20.96	20.74		
3	QPSK	1	14	20.75	20.86	20.66		
3	QPSK	8	0	20.73	20.93	20.86	22	0
3	QPSK	8	4	20.74	20.80	20.80		
3	QPSK	8	7	20.69	20.82	20.85		
3	QPSK	15	0	20.79	20.84	20.78		
3	16QAM	1	0	20.87	20.82	20.80	22	0
3	16QAM	1	8	20.63	20.77	20.73		
3	16QAM	1	14	20.70	20.68	20.67		
3	16QAM	8	0	20.60	20.83	20.74	22	0
3	16QAM	8	4	20.55	20.53	20.58		
3	16QAM	8	7	20.55	20.61	20.55		
3	16QAM	15	0	20.77	20.84	20.71		
3	64QAM	1	0	20.69	20.82	20.64	22	0
3	64QAM	1	8	20.64	20.72	20.64		
3	64QAM	1	14	20.51	20.57	20.59		
3	64QAM	8	0	20.48	20.68	20.59	22	0
3	64QAM	8	4	20.45	20.61	20.46		
3	64QAM	8	7	20.49	20.53	20.43		
3	64QAM	15	0	20.71	20.71	20.70		
3	256QAM	1	0	17.84	18.06	17.89	19	3
3	256QAM	1	8	17.83	18.04	17.81		
3	256QAM	1	14	17.74	17.86	17.78		
3	256QAM	8	0	17.56	17.67	17.51	19	3
3	256QAM	8	4	17.45	17.47	17.48		
3	256QAM	8	7	17.36	17.55	17.37		
3	256QAM	15	0	17.69	17.82	17.77		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	20.93	21.03	20.94	22	0
1.4	QPSK	1	3	20.80	20.97	20.80		
1.4	QPSK	1	5	20.81	20.76	20.67		
1.4	QPSK	3	0	20.75	20.95	20.84		
1.4	QPSK	3	1	20.69	20.79	20.72		
1.4	QPSK	3	3	20.69	20.84	20.81		
1.4	QPSK	6	0	20.80	20.84	20.68	22	0
1.4	16QAM	1	0	20.83	20.86	20.74	22	0
1.4	16QAM	1	3	20.63	20.72	20.67		
1.4	16QAM	1	5	20.70	20.79	20.59		
1.4	16QAM	3	0	20.62	20.81	20.65		
1.4	16QAM	3	1	20.55	20.56	20.52		
1.4	16QAM	3	3	20.54	20.64	20.47		
1.4	16QAM	6	0	20.71	20.88	20.70	21.5	0.5
1.4	64QAM	1	0	20.74	20.77	20.60	21.5	0.5
1.4	64QAM	1	3	20.61	20.68	20.73		
1.4	64QAM	1	5	20.51	20.61	20.59		
1.4	64QAM	3	0	20.57	20.66	20.59		
1.4	64QAM	3	1	20.45	20.62	20.46		
1.4	64QAM	3	3	20.46	20.48	20.36		
1.4	64QAM	6	0	20.60	20.76	20.73	20.5	1.5
1.4	256QAM	1	0	17.81	18.02	17.97	18.5	3.5
1.4	256QAM	1	3	17.80	18.02	17.81		
1.4	256QAM	1	5	17.66	17.75	17.80		
1.4	256QAM	3	0	17.56	17.66	17.53		
1.4	256QAM	3	1	17.51	17.45	17.38		
1.4	256QAM	3	3	17.34	17.48	17.38		
1.4	256QAM	6	0	17.66	17.83	17.68	18.5	3.5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				133222	133322	133372		
Frequency (MHz)				673	683	688		
20	QPSK	1	0	21.76	21.85	21.69	23	0
20	QPSK	1	49	21.62	21.74	21.59		
20	QPSK	1	99	21.53	21.65	21.55		
20	QPSK	50	0	21.65	21.79	21.60	23	0
20	QPSK	50	24	21.61	21.64	21.62		
20	QPSK	50	50	21.54	21.61	21.61		
20	QPSK	100	0	21.50	21.72	21.57		
20	16QAM	1	0	21.58	21.77	21.57	23	0
20	16QAM	1	49	21.55	21.59	21.61		
20	16QAM	1	99	21.49	21.58	21.56		
20	16QAM	50	0	21.45	21.64	21.47	22.5	0.5
20	16QAM	50	24	21.46	21.49	21.49		
20	16QAM	50	50	21.40	21.44	21.38		
20	16QAM	100	0	21.38	21.48	21.29		
20	64QAM	1	0	21.32	21.53	21.38	22.5	0.5
20	64QAM	1	49	21.35	21.44	21.39		
20	64QAM	1	99	21.30	21.33	21.35		
20	64QAM	50	0	20.29	20.50	20.33	21.5	1.5
20	64QAM	50	24	20.35	20.36	20.33		
20	64QAM	50	50	20.29	20.32	20.30		
20	64QAM	100	0	20.22	20.31	20.25		
20	256QAM	1	0	17.67	17.89	17.81	19	4
20	256QAM	1	49	17.72	17.89	17.67		
20	256QAM	1	99	17.59	17.65	17.64		
20	256QAM	50	0	18.43	18.62	18.53	19	4
20	256QAM	50	24	18.37	18.52	18.42		
20	256QAM	50	50	18.30	18.39	18.37		
20	256QAM	100	0	18.32	18.49	18.34		
Channel				133197	133297	133397	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	0	21.70	21.78	21.54	23	0
15	QPSK	1	37	21.52	21.64	21.53		
15	QPSK	1	74	21.43	21.61	21.51		
15	QPSK	36	0	21.57	21.70	21.56	23	0
15	QPSK	36	20	21.55	21.59	21.49		
15	QPSK	36	39	21.50	21.47	21.55		
15	QPSK	75	0	21.40	21.59	21.53		
15	16QAM	1	0	21.47	21.64	21.43	23	0
15	16QAM	1	37	21.42	21.45	21.50		
15	16QAM	1	74	21.35	21.55	21.45		
15	16QAM	36	0	21.37	21.51	21.36	22.5	0.5
15	16QAM	36	20	21.38	21.39	21.35		
15	16QAM	36	39	21.31	21.30	21.32		
15	16QAM	75	0	21.34	21.41	21.20		
15	64QAM	1	0	21.23	21.38	21.34	22.5	0.5
15	64QAM	1	37	21.30	21.30	21.26		
15	64QAM	1	74	21.25	21.20	21.29		
15	64QAM	36	0	20.15	20.39	20.23	21.5	1.5
15	64QAM	36	20	20.23	20.22	20.23		
15	64QAM	36	39	20.23	20.26	20.22		
15	64QAM	75	0	20.16	20.20	20.17		
15	256QAM	1	0	17.61	17.84	17.75	19	4
15	256QAM	1	37	17.58	17.83	17.64		
15	256QAM	1	74	17.46	17.56	17.52		
15	256QAM	36	0	18.31	18.50	18.38	19	4
15	256QAM	36	20	18.29	18.47	18.30		
15	256QAM	36	39	18.23	18.41	18.26		
15	256QAM	75	0	18.27	18.39	18.25		
Channel				133172	133272	133422	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	678	693		
10	QPSK	1	0	21.66	21.75	21.62	23	0
10	QPSK	1	25	21.50	21.60	21.51		
10	QPSK	1	49	21.41	21.53	21.51		
10	QPSK	25	0	21.51	21.66	21.57	23	0
10	QPSK	25	12	21.52	21.54	21.48		
10	QPSK	25	25	21.49	21.47	21.52		
10	QPSK	50	0	21.46	21.62	21.45		
10	16QAM	1	0	21.54	21.63	21.51	23	0
10	16QAM	1	25	21.46	21.46	21.55		
10	16QAM	1	49	21.40	21.53	21.47		
10	16QAM	25	0	21.34	21.55	21.37	22.5	0.5
10	16QAM	25	12	21.36	21.46	21.45		
10	16QAM	25	25	21.36	21.33	21.26		
10	16QAM	50	0	21.31	21.42	21.17		
10	64QAM	1	0	21.24	21.43	21.24	22.5	0.5
10	64QAM	1	25	21.25	21.29	21.34		
10	64QAM	1	49	21.19	21.21	21.27		
10	64QAM	25	0	20.18	20.42	20.24	21.5	1.5
10	64QAM	25	12	20.22	20.25	20.27		
10	64QAM	25	25	20.17	20.25	20.25		
10	64QAM	50	0	20.11	20.22	20.22		
10	256QAM	1	0	17.61	17.81	17.75	19	4
10	256QAM	1	25	17.69	17.79	17.59		
10	256QAM	1	49	17.50	17.57	17.51		
10	256QAM	25	0	18.32	18.55	18.46	19	4
10	256QAM	25	12	18.26	18.41	18.36		
10	256QAM	25	25	18.24	18.30	18.24		
10	256QAM	50	0	18.19	18.40	18.22		
Channel				133147	133247	133447	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	675.5	695.5		
5	QPSK	1	0	21.72	21.72	21.62	23	0
5	QPSK	1	12	21.54	21.66	21.54		
5	QPSK	1	24	21.44	21.53	21.48		
5	QPSK	12	0	21.59	21.65	21.57	23	0
5	QPSK	12	7	21.48	21.50	21.57		
5	QPSK	12	13	21.43	21.57	21.47		
5	QPSK	25	0	21.39	21.68	21.53		
5	16QAM	1	0	21.43	21.65	21.47	23	0
5	16QAM	1	12	21.47	21.44	21.51		
5	16QAM	1	24	21.49	21.50	21.52		
5	16QAM	12	0	21.36	21.52	21.40	22.5	0.5
5	16QAM	12	7	21.35	21.35	21.37		
5	16QAM	12	13	21.35	21.40	21.33		
5	16QAM	25	0	21.32	21.43	21.18		
5	64QAM	1	0	21.19	21.44	21.29	22.5	0.5
5	64QAM	1	12	21.26	21.35	21.31		
5	64QAM	1	24	21.16	21.18	21.28		
5	64QAM	12	0	20.16	20.41	20.18	21.5	1.5
5	64QAM	12	7	20.29	20.30	20.28		
5	64QAM	12	13	20.22	20.17	20.19		
5	64QAM	25	0	20.10	20.25	20.12		
5	256QAM	1	0	17.58	17.80	17.72	19	4
5	256QAM	1	12	17.65	17.79	17.53		
5	256QAM	1	24	17.45	17.60	17.52		
5	256QAM	12	0	18.34	18.50	18.42	19	4
5	256QAM	12	7	18.31	18.46	18.38		
5	256QAM	12	13	18.21	18.29	18.23		
5	256QAM	25	0	18.22	18.46	18.29		

Band 38 DSI5_Standalone Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2596	2610		
20	QPSK	1	0	22.41	22.53	22.49	23	0
20	QPSK	1	49	22.32	22.35	22.39		
20	QPSK	1	99	22.25	22.29	22.29		
20	QPSK	50	0	22.29	22.46	22.39	23	0
20	QPSK	50	24	22.24	22.36	22.32		
20	QPSK	50	50	22.24	22.28	22.28		
20	QPSK	100	0	22.26	22.45	22.33		
20	16QAM	1	0	22.35	22.51	22.39	23	0
20	16QAM	1	49	22.31	22.35	22.28		
20	16QAM	1	99	22.27	22.30	22.24		
20	16QAM	50	0	21.97	22.14	21.95	23	0
20	16QAM	50	24	21.91	21.95	21.93		
20	16QAM	50	50	21.88	21.92	21.89		
20	16QAM	100	0	21.95	22.09	21.99		
20	64QAM	1	0	22.29	22.47	22.39	23	0
20	64QAM	1	49	22.28	22.36	22.28		
20	64QAM	1	99	22.16	22.24	22.22		
20	64QAM	50	0	21.93	22.11	22.00	22.5	0.5
20	64QAM	50	24	21.89	22.03	21.90		
20	64QAM	50	50	21.80	21.94	21.85		
20	64QAM	100	0	21.91	22.05	21.96		
20	256QAM	1	0	18.83	19.00	18.85	20.5	2.5
20	256QAM	1	49	18.79	19.00	18.76		
20	256QAM	1	99	18.76	18.77	18.78		
20	256QAM	50	0	18.95	19.16	18.97	20.5	2.5
20	256QAM	50	24	18.97	19.06	18.96		
20	256QAM	50	50	18.89	18.95	18.94		
20	256QAM	100	0	19.00	19.15	18.96		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2596	2612.5		
15	QPSK	1	0	22.26	22.49	22.41	23	0
15	QPSK	1	37	22.19	22.23	22.30		
15	QPSK	1	74	22.12	22.20	22.21		
15	QPSK	36	0	22.23	22.33	22.34	23	0
15	QPSK	36	20	22.14	22.22	22.19		
15	QPSK	36	39	22.11	22.16	22.24		
15	QPSK	75	0	22.18	22.39	22.23		
15	16QAM	1	0	22.26	22.39	22.27	23	0
15	16QAM	1	37	22.21	22.24	22.20		
15	16QAM	1	74	22.15	22.25	22.15		
15	16QAM	36	0	21.94	22.08	21.82	23	0
15	16QAM	36	20	21.82	21.94	21.86		
15	16QAM	36	39	21.78	21.84	21.86		
15	16QAM	75	0	21.81	22.06	21.94		
15	64QAM	1	0	22.15	22.37	22.36	23	0
15	64QAM	1	37	22.17	22.26	22.23		
15	64QAM	1	74	22.06	22.11	22.15		
15	64QAM	36	0	21.85	21.96	21.87	22.5	0.5
15	64QAM	36	20	21.83	21.92	21.78		
15	64QAM	36	39	21.68	21.82	21.81		
15	64QAM	75	0	21.82	21.91	21.86		
15	256QAM	1	0	18.77	18.90	18.81	20.5	2.5
15	256QAM	1	37	18.70	18.91	18.72		
15	256QAM	1	74	18.67	18.74	18.74		
15	256QAM	36	0	18.86	19.11	18.92	20.5	2.5
15	256QAM	36	20	18.93	18.94	18.86		
15	256QAM	36	39	18.85	18.88	18.84		
15	256QAM	75	0	18.89	19.10	18.89		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.29	22.47	22.41	23	0
10	QPSK	1	25	22.23	22.30	22.27		
10	QPSK	1	49	22.19	22.21	22.25		
10	QPSK	25	0	22.23	22.36	22.27	23	0
10	QPSK	25	12	22.21	22.29	22.25		
10	QPSK	25	25	22.14	22.20	22.22		
10	QPSK	50	0	22.14	22.37	22.26		
10	16QAM	1	0	22.25	22.38	22.31	23	0
10	16QAM	1	25	22.27	22.23	22.18		
10	16QAM	1	49	22.15	22.16	22.12		
10	16QAM	25	0	21.85	22.03	21.80	23	0
10	16QAM	25	12	21.87	21.91	21.86		
10	16QAM	25	25	21.78	21.85	21.77		
10	16QAM	50	0	21.87	22.00	21.86		
10	64QAM	1	0	22.18	22.33	22.27	23	0
10	64QAM	1	25	22.21	22.31	22.23		
10	64QAM	1	49	22.03	22.10	22.12		
10	64QAM	25	0	21.78	22.07	21.87	22.5	0.5
10	64QAM	25	12	21.76	21.97	21.76		
10	64QAM	25	25	21.77	21.87	21.71		
10	64QAM	50	0	21.77	21.95	21.81		
10	256QAM	1	0	18.76	18.92	18.70	20.5	2.5
10	256QAM	1	25	18.64	18.91	18.72		
10	256QAM	1	49	18.62	18.73	18.68		
10	256QAM	25	0	18.83	19.11	18.88	20.5	2.5
10	256QAM	25	12	18.90	19.03	18.92		
10	256QAM	25	25	18.77	18.84	18.87		
10	256QAM	50	0	18.91	19.04	18.86		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2596	2617.5		
5	QPSK	1	0	22.26	22.40	22.42	23	0
5	QPSK	1	12	22.27	22.21	22.34		
5	QPSK	1	24	22.17	22.17	22.21		
5	QPSK	12	0	22.16	22.34	22.28	23	0
5	QPSK	12	7	22.12	22.26	22.22		
5	QPSK	12	13	22.21	22.21	22.17		
5	QPSK	25	0	22.21	22.31	22.23		
5	16QAM	1	0	22.31	22.41	22.34	23	0
5	16QAM	1	12	22.21	22.24	22.13		
5	16QAM	1	24	22.13	22.17	22.18		
5	16QAM	12	0	21.89	22.08	21.90	23	0
5	16QAM	12	7	21.81	21.89	21.88		
5	16QAM	12	13	21.80	21.86	21.85		
5	16QAM	25	0	21.85	22.04	21.95		
5	64QAM	1	0	22.20	22.35	22.24	23	0
5	64QAM	1	12	22.14	22.25	22.20		
5	64QAM	1	24	22.04	22.14	22.08		
5	64QAM	12	0	21.86	22.08	21.86	22.5	0.5
5	64QAM	12	7	21.78	21.88	21.82		
5	64QAM	12	13	21.76	21.79	21.73		
5	64QAM	25	0	21.78	21.96	21.92		
5	256QAM	1	0	18.73	18.88	18.71	20.5	2.5
5	256QAM	1	12	18.72	18.87	18.66		
5	256QAM	1	24	18.64	18.73	18.70		
5	256QAM	12	0	18.87	19.09	18.90	20.5	2.5
5	256QAM	12	7	18.82	19.01	18.84		
5	256QAM	12	13	18.85	18.88	18.90		
5	256QAM	25	0	18.95	19.08	18.91		

Band 41 FCC&IC DSI5_Standalone Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2538	2549.5	2593	2636.5	2680		
20	QPSK	1	0	22.67	22.63	22.73	22.52	22.30	23.5	0
20	QPSK	1	49	22.48	22.57	22.57	22.48	22.46		
20	QPSK	1	99	22.46	22.54	22.55	22.42	22.44		
20	QPSK	50	0	22.54	22.41	22.66	22.50	22.50	23	0.5
20	QPSK	50	24	22.40	22.44	22.55	22.45	22.34		
20	QPSK	50	50	22.42	22.32	22.41	22.39	22.39		
20	QPSK	100	0	22.47	22.50	22.54	22.46	22.53		
20	16QAM	1	0	22.71	22.54	22.61	22.68	22.65	23	0.5
20	16QAM	1	49	22.59	22.53	22.63	22.61	22.60		
20	16QAM	1	99	22.54	22.47	22.64	22.54	22.58		
20	16QAM	50	0	21.67	21.69	21.80	21.63	21.77	22	1.5
20	16QAM	50	24	21.64	21.59	21.63	21.62	21.59		
20	16QAM	50	50	21.45	21.55	21.65	21.50	21.45		
20	16QAM	100	0	21.69	21.68	21.90	21.74	21.77		
20	64QAM	1	0	21.79	21.78	21.71	21.76	21.80	22	1.5
20	64QAM	1	49	21.72	21.74	21.69	21.64	21.67		
20	64QAM	1	99	21.50	21.66	21.64	21.67	21.47		
20	64QAM	50	0	20.66	20.66	20.74	20.63	20.70	21	2.5
20	64QAM	50	24	20.46	20.58	20.66	20.61	20.41		
20	64QAM	50	50	20.50	20.48	20.65	20.54	20.59		
20	64QAM	100	0	20.68	20.67	20.70	20.75	20.59		
20	256QAM	1	0	18.62	18.49	18.70	18.50	18.65	19	4.5
20	256QAM	1	49	18.64	18.47	18.70	18.55	18.56		
20	256QAM	1	99	18.43	18.43	18.53	18.51	18.38		
20	256QAM	50	0	18.76	18.67	18.83	18.70	18.74	19	4.5
20	256QAM	50	24	18.61	18.59	18.64	18.62	18.62		
20	256QAM	50	50	18.51	18.53	18.61	18.63	18.59		
20	256QAM	100	0	18.77	18.75	18.88	18.71	18.73		
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	22.60	22.55	22.63	22.38	22.37	24	0
15	QPSK	1	37	22.44	22.55	22.48	22.40	22.37		
15	QPSK	1	74	22.32	22.52	22.47	22.32	22.40		
15	QPSK	36	0	22.42	22.36	22.59	22.48	22.46	23	0.5
15	QPSK	36	20	22.27	22.34	22.45	22.38	22.26		
15	QPSK	36	39	22.32	22.27	22.30	22.33	22.29		
15	QPSK	75	0	22.42	22.41	22.42	22.35	22.40		
15	16QAM	1	0	22.65	22.42	22.64	22.56	22.53	23	0.5
15	16QAM	1	37	22.52	22.43	22.57	22.58	22.51		
15	16QAM	1	74	22.50	22.35	22.52	22.51	22.54		
15	16QAM	36	0	21.47	21.49	21.60	21.43	21.57	22	1.5
15	16QAM	36	20	21.44	21.39	21.43	21.42	21.39		
15	16QAM	36	39	21.25	21.35	21.45	21.30	21.25		
15	16QAM	75	0	21.49	21.48	21.70	21.54	21.57		
15	64QAM	1	0	21.59	21.58	21.51	21.56	21.60	22	1.5
15	64QAM	1	37	21.52	21.54	21.49	21.44	21.47		
15	64QAM	1	74	21.30	21.46	21.44	21.47	21.27		
15	64QAM	36	0	20.46	20.46	20.54	20.43	20.50	21	2.5
15	64QAM	36	20	20.26	20.38	20.46	20.41	20.21		
15	64QAM	36	39	20.30	20.28	20.45	20.34	20.39		
15	64QAM	75	0	20.48	20.47	20.50	20.55	20.39		
15	256QAM	1	0	18.42	18.29	18.50	18.30	18.45	19	4.5
15	256QAM	1	37	18.44	18.27	18.50	18.35	18.36		
15	256QAM	1	74	18.23	18.23	18.33	18.31	18.18		
15	256QAM	36	0	18.56	18.47	18.63	18.50	18.54	19	4.5
15	256QAM	36	20	18.41	18.39	18.44	18.42	18.42		
15	256QAM	36	39	18.31	18.33	18.41	18.43	18.39		
15	256QAM	75	0	18.57	18.55	18.68	18.51	18.53		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.60	22.60	22.64	22.46	22.47	24	0
10	QPSK	1	25	22.36	22.50	22.43	22.36	22.36		
10	QPSK	1	49	22.38	22.45	22.51	22.32	22.33		
10	QPSK	25	0	22.45	22.37	22.60	22.42	22.36	23	0.5
10	QPSK	25	12	22.32	22.33	22.46	22.37	22.31		
10	QPSK	25	25	22.34	22.26	22.31	22.31	22.28		
10	QPSK	50	0	22.33	22.48	22.45	22.36	22.51		
10	16QAM	1	0	22.61	22.43	22.61	22.56	22.56	23	0.5
10	16QAM	1	25	22.53	22.40	22.60	22.53	22.54		
10	16QAM	1	49	22.46	22.45	22.58	22.48	22.51		
10	16QAM	25	0	21.59	21.59	21.72	21.49	21.67	22	1.5
10	16QAM	25	12	21.57	21.56	21.55	21.49	21.55		
10	16QAM	25	25	21.39	21.47	21.58	21.42	21.35		
10	16QAM	50	0	21.65	21.54	21.76	21.66	21.70		
10	64QAM	1	0	21.75	21.60	21.70	21.73	21.81	22	1.5
10	64QAM	1	25	21.68	21.69	21.59	21.46	21.69		
10	64QAM	1	49	21.52	21.49	21.62	21.57	21.47		
10	64QAM	25	0	20.56	20.55	20.76	20.55	20.59	21	2.5
10	64QAM	25	12	20.42	20.56	20.52	20.46	20.30		
10	64QAM	25	25	20.39	20.42	20.63	20.45	20.46		
10	64QAM	50	0	20.69	20.52	20.67	20.57	20.47		
10	256QAM	1	0	18.58	18.35	18.66	18.36	18.60	19	4.5
10	256QAM	1	25	18.56	18.40	18.64	18.49	18.53		
10	256QAM	1	49	18.35	18.29	18.50	18.46	18.30		
10	256QAM	25	0	18.62	18.52	18.78	18.59	18.60	19	4.5
10	256QAM	25	12	18.49	18.48	18.60	18.59	18.55		
10	256QAM	25	25	18.40	18.40	18.51	18.51	18.49		
10	256QAM	50	0	18.67	18.65	18.81	18.64	18.60		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	22.53	22.58	22.68	22.48	22.40	24	0
5	QPSK	1	12	22.34	22.44	22.53	22.36	22.33		
5	QPSK	1	24	22.40	22.41	22.42	22.33	22.39		
5	QPSK	12	0	22.52	22.37	22.54	22.43	22.39	23	0.5
5	QPSK	12	7	22.28	22.38	22.42	22.42	22.30		
5	QPSK	12	13	22.33	22.26	22.34	22.29	22.27		
5	QPSK	25	0	22.42	22.45	22.45	22.33	22.47		
5	16QAM	1	0	22.66	22.51	22.70	22.56	22.54	23	0.5
5	16QAM	1	12	22.54	22.43	22.50	22.56	22.55		
5	16QAM	1	24	22.50	22.40	22.52	22.49	22.49		
5	16QAM	12	0	21.61	21.58	21.65	21.51	21.65	22	1.5
5	16QAM	12	7	21.60	21.49	21.57	21.52	21.54		
5	16QAM	12	13	21.35	21.43	21.52	21.42	21.39		
5	16QAM	25	0	21.55	21.54	21.75	21.60	21.67		
5	64QAM	1	0	21.75	21.63	21.75	21.61	21.77	22	1.5
5	64QAM	1	12	21.62	21.59	21.63	21.61	21.61		
5	64QAM	1	24	21.44	21.57	21.64	21.57	21.49		
5	64QAM	12	0	20.66	20.50	20.73	20.44	20.57	21	2.5
5	64QAM	12	7	20.42	20.42	20.56	20.45	20.39		
5	64QAM	12	13	20.35	20.49	20.55	20.39	20.49		
5	64QAM	25	0	20.68	20.62	20.55	20.67	20.51		
5	256QAM	1	0	18.55	18.40	18.59	18.37	18.50	19	4.5
5	256QAM	1	12	18.50	18.36	18.59	18.43	18.45		
5	256QAM	1	24	18.36	18.37	18.48	18.47	18.29		
5	256QAM	12	0	18.64	18.53	18.68	18.57	18.66	19	4.5
5	256QAM	12	7	18.50	18.45	18.61	18.51	18.58		
5	256QAM	12	13	18.37	18.49	18.53	18.52	18.44		
5	256QAM	25	0	18.67	18.67	18.81	18.62	18.63		

Band 41 FCC&IC PC2 DSI5_Standalone Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2548.5	2593	2636.5	2680		
20	QPSK	1	0	23.91	24.01	24.23	23.88	23.99	25.1	0
20	QPSK	1	49	23.89	23.83	24.15	23.91	24.09		
20	QPSK	1	99	23.85	23.80	24.04	23.73	23.86		
20	QPSK	50	0	23.85	23.79	24.04	23.72	23.92	25.1	0
20	QPSK	50	24	23.81	23.80	24.01	23.66	23.78		
20	QPSK	50	50	23.79	23.82	23.81	23.57	23.74		
20	QPSK	100	0	23.69	23.67	23.98	23.64	23.90		
20	16QAM	1	0	23.77	23.72	23.80	23.79	23.74	25.1	0
20	16QAM	1	49	23.64	23.62	23.81	23.78	23.73		
20	16QAM	1	99	23.56	23.59	23.75	23.53	23.69		
20	16QAM	50	0	23.31	23.22	23.41	23.36	23.34	25.1	0
20	16QAM	50	24	23.11	23.19	23.30	23.30	23.25		
20	16QAM	50	50	23.22	23.20	23.34	23.18	23.35		
20	16QAM	100	0	23.23	23.19	23.26	23.20	23.30		
20	64QAM	1	0	23.50	23.66	23.51	23.44	23.50	25.1	0
20	64QAM	1	49	23.52	23.45	23.44	23.53	23.45		
20	64QAM	1	99	23.38	23.35	23.68	23.39	23.65		
20	64QAM	50	0	23.01	23.07	23.06	23.05	23.01	25	0.1
20	64QAM	50	24	23.03	23.02	23.03	23.16	23.10		
20	64QAM	50	50	23.06	23.12	23.10	23.09	23.05		
20	64QAM	100	0	23.11	23.08	23.11	23.03	23.03		
20	256QAM	1	0	21.51	21.49	21.68	21.44	21.58	23	2.1
20	256QAM	1	49	21.43	21.41	21.61	21.42	21.52		
20	256QAM	1	99	21.30	21.36	21.55	21.41	21.51		
20	256QAM	50	0	21.37	21.38	21.52	21.34	21.45	23	2.1
20	256QAM	50	24	21.27	21.23	21.46	21.24	21.39		
20	256QAM	50	50	21.23	21.26	21.41	21.20	21.35		
20	256QAM	100	0	21.10	21.12	21.34	21.15	21.24		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	23.99	23.97	23.96	23.74	23.97	25	0
15	QPSK	1	37	23.83	23.93	24.05	23.85	24.02		
15	QPSK	1	74	23.77	23.70	23.78	23.69	23.77		
15	QPSK	36	0	23.82	23.72	24.05	23.84	23.67	25.1	0
15	QPSK	36	20	23.60	23.67	23.94	23.61	23.75		
15	QPSK	36	39	23.66	23.71	23.79	23.63	23.73		
15	QPSK	75	0	23.62	23.55	23.78	23.60	23.65		
15	16QAM	1	0	23.52	23.54	23.72	23.70	23.72	25.1	0
15	16QAM	1	37	23.59	23.50	23.75	23.65	23.68		
15	16QAM	1	74	23.51	23.56	23.79	23.64	23.74		
15	16QAM	36	0	23.45	23.29	23.27	23.20	23.29	25.1	0
15	16QAM	36	20	23.24	23.17	23.27	23.28	23.14		
15	16QAM	36	39	23.33	23.33	23.32	23.31	23.10		
15	16QAM	75	0	23.29	23.31	23.22	23.25	23.22		
15	64QAM	1	0	23.30	23.52	23.49	23.38	23.57	25.1	0
15	64QAM	1	37	23.28	23.38	23.56	23.36	23.54		
15	64QAM	1	74	23.31	23.28	23.53	23.30	23.53		
15	64QAM	36	0	23.16	23.12	23.27	23.29	23.13	25	0.1
15	64QAM	36	20	23.13	23.18	23.20	23.19	23.14		
15	64QAM	36	39	23.12	23.06	23.16	23.21	23.19		
15	64QAM	75	0	23.09	23.15	23.12	23.18	23.03		
15	256QAM	1	0	21.44	21.44	21.54	21.33	21.45	23	2.1
15	256QAM	1	37	21.29	21.29	21.56	21.28	21.46		
15	256QAM	1	74	21.25	21.29	21.52	21.31	21.41		
15	256QAM	36	0	21.28	21.27	21.39	21.26	21.30	23	2.1
15	256QAM	36	20	21.12	21.14	21.34	21.18	21.27		
15	256QAM	36	39	21.14	21.22	21.37	21.12	21.30		
15	256QAM	75	0	21.06	21.19	21.21	21.00	21.10		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	23.89	23.97	24.13	23.78	24.03	25	0
10	QPSK	1	25	23.69	23.84	23.88	23.71	24.00		
10	QPSK	1	49	23.70	23.65	23.81	23.66	23.80		
10	QPSK	25	0	23.82	23.59	23.84	23.66	23.80	25.1	0
10	QPSK	25	12	23.70	23.61	23.83	23.83	23.88		
10	QPSK	25	25	23.44	23.72	23.87	23.65	23.74		
10	QPSK	50	0	23.69	23.52	23.71	23.62	23.85		
10	16QAM	1	0	23.50	23.78	23.89	23.64	23.81	25.1	0
10	16QAM	1	25	23.45	23.54	23.81	23.60	23.79		
10	16QAM	1	49	23.71	23.62	23.72	23.78	23.80		
10	16QAM	25	0	23.20	23.22	23.40	23.19	23.40	25.1	0
10	16QAM	25	12	23.17	23.03	23.27	23.07	23.14		
10	16QAM	25	25	23.11	22.94	23.25	23.07	23.37		
10	16QAM	50	0	23.04	23.10	23.30	23.11	23.15		
10	64QAM	1	0	23.35	23.47	23.65	23.40	23.63	25.1	0
10	64QAM	1	25	23.26	23.47	23.54	23.46	23.46		
10	64QAM	1	49	23.20	23.30	23.46	23.38	23.52		
10	64QAM	25	0	22.73	22.76	23.01	22.81	22.86	25	0.1
10	64QAM	25	12	22.79	22.77	22.91	22.67	22.82		
10	64QAM	25	25	22.75	22.62	22.95	22.69	22.88		
10	64QAM	50	0	22.64	22.66	22.85	22.75	22.75		
10	256QAM	1	0	21.45	21.46	21.56	21.35	21.48	23	2.1
10	256QAM	1	25	21.29	21.34	21.51	21.37	21.46		
10	256QAM	1	49	21.26	21.25	21.47	21.33	21.42		
10	256QAM	25	0	21.33	21.29	21.44	21.25	21.41	23	2.1
10	256QAM	25	12	21.21	21.11	21.32	21.16	21.33		
10	256QAM	25	25	21.11	21.14	21.27	21.11	21.29		
10	256QAM	50	0	21.04	21.04	21.24	21.09	21.18		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	23.83	23.97	24.00	23.97	23.94	25	0
5	QPSK	1	12	23.62	23.68	23.98	23.81	24.00		
5	QPSK	1	24	23.59	23.72	23.78	23.75	23.67		
5	QPSK	12	0	23.62	23.69	23.83	23.74	23.70	25.1	0
5	QPSK	12	7	23.61	23.78	23.81	23.62	23.67		
5	QPSK	12	13	23.65	23.65	23.85	23.49	23.75		
5	QPSK	25	0	23.53	23.51	23.94	23.57	23.67		
5	16QAM	1	0	23.63	23.64	23.71	23.71	23.70	25.1	0
5	16QAM	1	12	23.64	23.55	23.82	23.62	23.65		
5	16QAM	1	24	23.56	23.62	23.68	23.50	23.78		
5	16QAM	12	0	23.17	23.26	23.44	23.07	23.34	25.1	0
5	16QAM	12	7	23.07	23.16	23.37	23.03	23.35		
5	16QAM	12	13	23.01	23.09	23.30	23.03	23.25		
5	16QAM	25	0	22.96	23.06	23.28	22.84	23.20		
5	64QAM	1	0	23.34	23.47	23.47	23.47	23.44	25.1	0
5	64QAM	1	12	23.27	23.34	23.61	23.17	23.57		
5	64QAM	1	24	23.37	23.28	23.44	23.21	23.31		
5	64QAM	12	0	22.74	22.81	22.96	22.81	22.81	25	0.1
5	64QAM	12	7	22.76	22.79	22.94	22.74	22.92		
5	64QAM	12	13	22.81	22.61	22.95	22.75	22.87		
5	64QAM	25	0	22.61	22.71	22.83	22.69	22.79		
5	256QAM	1	0	21.38	21.34	21.57	21.39	21.48	23	2.1
5	256QAM	1	12	21.33	21.36	21.50	21.28	21.49		
5	256QAM	1	24	21.23	21.29	21.49	21.37	21.39		
5	256QAM	12	0	21.34	21.29	21.40	21.28	21.32	23	2.1
5	256QAM	12	7	21.16	21.18	21.33	21.11	21.33		
5	256QAM	12	13	21.14	21.13	21.33	21.12	21.31		
5	256QAM	25	0	21.01	21.06	21.21	21.03	21.16		

Band 48 Default Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640			
Frequency (MHz)				3560	3609	3641	3690			
20	QPSK	1	0	23.72	23.88	23.79	23.66	24	0	
20	QPSK	1	49	23.56	23.76	23.61	23.54			
20	QPSK	1	99	23.56	23.65	23.58	23.60			
20	QPSK	50	0	23.64	23.74	23.57	23.53			
20	QPSK	50	24	23.48	23.66	23.49	23.50			
20	QPSK	50	50	23.49	23.49	23.45	23.37			
20	QPSK	100	0	23.52	23.68	23.59	23.48			
20	16QAM	1	0	23.67	23.84	23.73	23.52	24	0	
20	16QAM	1	49	23.65	23.74	23.66	23.62			
20	16QAM	1	99	23.64	23.66	23.64	23.49			
20	16QAM	50	0	23.16	23.38	23.28	23.15	23.5	0.5	
20	16QAM	50	24	23.12	23.25	23.23	23.08			
20	16QAM	50	50	23.09	23.14	23.14	23.10			
20	16QAM	100	0	23.27	23.44	23.36	23.13			
20	64QAM	1	0	23.14	23.36	23.23	23.13	23.5	0.5	
20	64QAM	1	49	23.14	23.17	23.14	23.07			
20	64QAM	1	99	23.16	23.21	23.11	23.06			
20	64QAM	50	0	22.19	22.39	22.29	22.08	22.5	1.5	
20	64QAM	50	24	22.18	22.24	22.25	22.16			
20	64QAM	50	50	22.16	22.15	22.15	22.08			
20	64QAM	100	0	22.26	22.35	22.30	22.18			
20	256QAM	1	0	20.01	20.20	20.01	19.94	20.5	3.5	
20	256QAM	1	49	19.97	20.20	19.96	19.91			
20	256QAM	1	99	19.94	20.07	19.96	19.87			
20	256QAM	50	0	20.32	20.46	20.33	20.16	20.5	3.5	
20	256QAM	50	24	20.30	20.36	20.33	20.14			
20	256QAM	50	50	20.22	20.28	20.25	20.18			
20	256QAM	100	0	20.43	20.34	20.40	20.34			
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3557.5	3608	3642	3692.5			
15	QPSK	1	0	23.58	23.83	23.65	23.60	24	0	
15	QPSK	1	37	23.49	23.62	23.51	23.42			
15	QPSK	1	74	23.52	23.51	23.50	23.51			
15	QPSK	36	0	23.54	23.69	23.49	23.42	24	0	
15	QPSK	36	20	23.33	23.62	23.35	23.37			
15	QPSK	36	39	23.38	23.44	23.40	23.34			
15	QPSK	75	0	23.44	23.64	23.52	23.38			
15	16QAM	1	0	23.52	23.76	23.59	23.40	24	0	
15	16QAM	1	37	23.51	23.60	23.62	23.51			
15	16QAM	1	74	23.59	23.51	23.50	23.45			
15	16QAM	36	0	23.05	23.31	23.14	23.01	23.5	0.5	
15	16QAM	36	20	23.01	23.10	23.18	22.96			
15	16QAM	36	39	22.96	23.04	23.03	23.00			
15	16QAM	75	0	23.24	23.31	23.27	23.10			
15	64QAM	1	0	23.10	23.29	23.15	23.00	23.5	0.5	
15	64QAM	1	37	23.04	23.12	23.06	22.98			
15	64QAM	1	74	23.02	23.13	23.01	22.99			
15	64QAM	36	0	22.07	22.24	22.16	21.97	22.5	1.5	
15	64QAM	36	20	22.12	22.11	22.14	22.02			
15	64QAM	36	39	22.12	22.10	22.05	21.97			
15	64QAM	75	0	22.15	22.26	22.24	22.04			
15	256QAM	1	0	19.95	20.10	19.88	19.86	20.5	3.5	
15	256QAM	1	37	19.91	20.13	19.92	19.78			
15	256QAM	1	74	19.85	19.93	19.86	19.76			
15	256QAM	36	0	20.23	20.38	20.29	20.11	20.5	3.5	
15	256QAM	36	20	20.16	20.25	20.29	20.02			
15	256QAM	36	39	20.16	20.18	20.14	20.10			
15	256QAM	75	0	20.36	20.31	20.37	20.30			
Channel				55290	55815	56155	56690	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3555	3607.5	3642.5	3695			
10	QPSK	1	0	23.65	23.74	23.67	23.61	24	0	
10	QPSK	1	25	23.49	23.70	23.49	23.47			
10	QPSK	1	49	23.43	23.56	23.48	23.55			
10	QPSK	25	0	23.53	23.61	23.50	23.47	24	0	
10	QPSK	25	12	23.40	23.54	23.45	23.42			
10	QPSK	25	25	23.45	23.37	23.31	23.27			
10	QPSK	50	0	23.40	23.62	23.53	23.44			
10	16QAM	1	0	23.59	23.80	23.65	23.46	24	0	
10	16QAM	1	25	23.51	23.64	23.62	23.47			
10	16QAM	1	49	23.54	23.56	23.60	23.42			
10	16QAM	25	0	23.08	23.32	23.14	23.07	23.5	0.5	
10	16QAM	25	12	23.05	23.19	23.08	23.04			
10	16QAM	25	25	23.01	22.99	23.04	23.03			
10	16QAM	50	0	23.12	23.35	23.27	23.09			
10	64QAM	1	0	23.00	23.29	23.14	22.99	23.5	0.5	
10	64QAM	1	25	23.07	23.06	23.10	23.03			
10	64QAM	1	49	23.10	23.06	22.98	22.97			
10	64QAM	25	0	22.12	22.30	22.21	22.00	22.5	1.5	
10	64QAM	25	12	22.06	22.12	22.16	22.13			
10	64QAM	25	25	22.13	22.11	22.06	21.93			
10	64QAM	50	0	22.20	22.25	22.20	22.15			
10	256QAM	1	0	19.87	20.05	19.92	19.84	20.5	3.5	
10	256QAM	1	25	19.86	20.07	19.91	19.87			
10	256QAM	1	49	19.87	19.93	19.89	19.84			
10	256QAM	25	0	20.20	20.37	20.22	20.04	20.5	3.5	
10	256QAM	25	12	20.18	20.30	20.24	20.07			
10	256QAM	25	25	20.17	20.17	20.17	20.07			
10	256QAM	50	0	20.31	20.40	20.32	20.29			
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3553.5	3607	3643	3697.5			
5	QPSK	1	0	23.67	23.77	23.68	23.54	24	0	
5	QPSK	1	12	23.43	23.69	23.50	23.45			
5	QPSK	1	24	23.53	23.59	23.55	23.55			
5	QPSK	12	0	23.56	23.71	23.48	23.45	24	0	
5	QPSK	12	7	23.44	23.60	23.38	23.36			
5	QPSK	12	13	23.41	23.35	23.31	23.29			
5	QPSK	25	0	23.44	23.59	23.45	23.43			
5	16QAM	1	0	23.53	23.73	23.69	23.49	24	0	
5	16QAM	1	12	23.53	23.66	23.57	23.55			
5	16QAM	1	24	23.55	23.61	23.49	23.40			
5	16QAM	12	0	23.02	23.29	23.24	23.00	23.5	0.5	
5	16QAM	12	7	22.99	23.15	23.16	23.01			
5	16QAM	12	13	23.04	23.05	23.10	23.01			
5	16QAM	25	0	23.13	23.30	23.30	23.00			
5	64QAM	1	0	23.02	23.32	23.19	23.06	23.5	0.5	
5	64QAM	1	12	23.03	23.08	23.04	22.97			
5	64QAM	1	24	23.09	23.17	23.08	22.98			
5	64QAM	12	0	22.05	22.28	22.17	22.03	22.5	1.5	
5	64QAM	12	7	22.14	22.17	22.21	22.11			
5	64QAM	12	13	22.04	22.07	22.06	22.02			
5	64QAM	25	0	22.21	22.26	22.26	22.13			
5	256QAM	1	0	19.91	20.05	19.93	19.84	20.5	3.5	
5	256QAM	1	12	19.84	20.17	19.89	19.81			
5	256QAM	1	24	19.80	19.98	19.89	19.77			
5	256QAM	12	0	20.27	20.37	20.19	20.08	20.5	3.5	
5	256QAM	12	7	20.21	20.23	20.28	20.07			
5	256QAM	12	13	20.13	20.19	20.21	20.04			
5	256QAM	25	0	20.32	20.47	20.36	20.30			

	GSM1900 Ant2	Default							
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		28.25	28.33	28.19	29.00	19.25	19.33	19.19	20.00
GPRS 1 Tx slot		28.23	28.28	28.13	29.00	19.23	19.28	19.13	20.00
GPRS 2 Tx slots		25.46	25.53	25.40	26.50	19.46	19.53	19.40	20.50
GPRS 3 Tx slots		23.98	24.13	24.00	25.00	19.72	19.87	19.74	20.74
GPRS 4 Tx slots		21.95	22.09	21.96	23.00	18.95	19.09	18.96	20.00
EDGE 1 Tx slot		23.59	23.64	23.61	24.50	14.59	14.64	14.61	15.50
EDGE 2 Tx slots		21.96	22.03	21.92	23.00	15.96	16.03	15.92	17.00
EDGE 3 Tx slots		20.78	20.85	20.70	21.50	16.52	16.59	16.44	17.24
EDGE 4 Tx slots		18.71	18.74	18.68	19.50	15.71	15.74	15.68	16.50

		Default WCDMA II Ant2				Default WCDMA IV Ant2			
Band		WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	21.50	21.55	21.46	22.80	21.42	21.44	21.37	22.80
3GPP Rel 99	RMC 12.2Kbps	21.54	21.59	21.49	22.80	21.47	21.53	21.44	23.00
3GPP Rel 6	HSDPA Subtest-1	20.63	20.74	20.40	21.80	20.57	20.66	20.52	21.80
3GPP Rel 6	HSDPA Subtest-2	20.56	20.65	20.53	21.80	20.47	20.61	20.43	21.80
3GPP Rel 6	HSDPA Subtest-3	20.01	20.17	20.04	21.30	19.91	20.04	19.95	21.30
3GPP Rel 6	HSDPA Subtest-4	20.02	20.16	20.09	21.30	19.98	20.06	20.05	21.30
3GPP Rel 8	DC-HSDPA Subtest-1	20.55	20.73	20.51	21.80	20.46	20.58	20.39	21.80
3GPP Rel 8	DC-HSDPA Subtest-2	20.34	20.41	20.40	21.80	20.29	20.37	20.31	21.80
3GPP Rel 8	DC-HSDPA Subtest-3	19.86	19.98	19.94	21.30	19.80	19.87	19.83	21.30
3GPP Rel 8	DC-HSDPA Subtest-4	19.93	19.96	19.89	21.30	19.78	19.90	19.84	21.30
3GPP Rel 6	HSUPA Subtest-1	20.59	20.72	20.71	21.80	20.49	20.65	20.60	21.80
3GPP Rel 6	HSUPA Subtest-2	18.59	18.60	18.45	19.80	18.46	18.49	18.39	19.80
3GPP Rel 6	HSUPA Subtest-3	19.58	19.62	19.60	20.80	19.49	19.51	19.48	20.80
3GPP Rel 6	HSUPA Subtest-4	18.43	18.57	18.41	19.80	18.38	18.44	18.33	19.80
3GPP Rel 6	HSUPA Subtest-5	20.60	20.62	20.58	21.80	20.46	20.53	20.49	21.80

Band 2 Default Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	21.12	21.24	21.07		
20	QPSK	1	49	21.00	21.06	20.92	22	0
20	QPSK	1	99	20.92	21.07	20.92		
20	QPSK	50	0	21.06	21.20	21.10		
20	QPSK	50	24	20.94	21.02	20.99	22	0
20	QPSK	50	50	20.88	21.01	20.96		
20	QPSK	100	0	21.01	21.12	21.03		
20	16QAM	1	0	21.06	21.17	21.06		
20	16QAM	1	49	20.94	21.03	20.99	22	0
20	16QAM	1	99	20.90	20.99	20.93		
20	16QAM	50	0	20.95	21.07	20.97		
20	16QAM	50	24	20.80	20.90	20.94	22	0
20	16QAM	50	50	20.76	20.88	20.81		
20	16QAM	100	0	20.90	21.09	20.90		
20	64QAM	1	0	20.97	21.18	21.10		
20	64QAM	1	49	21.01	21.07	21.02	22	0
20	64QAM	1	99	20.93	21.04	20.96		
20	64QAM	50	0	19.87	19.97	19.84		
20	64QAM	50	24	19.79	19.86	19.73	21	1
20	64QAM	50	50	19.71	19.74	19.75		
20	64QAM	100	0	19.90	19.94	19.98		
20	256QAM	1	0	18.07	18.24	18.07		
20	256QAM	1	49	18.05	18.24	17.99	19	3
20	256QAM	1	99	18.02	18.08	18.02		
20	256QAM	50	0	18.01	18.11	17.98		
20	256QAM	50	24	17.86	17.96	17.86	19	3
20	256QAM	50	50	17.86	17.96	17.88		
20	256QAM	100	0	17.82	17.99	17.90		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	21.01	21.18	20.92		
15	QPSK	1	37	20.92	20.98	20.84	22	0
15	QPSK	1	74	20.84	20.98	20.82		
15	QPSK	36	0	20.97	21.06	21.06		
15	QPSK	36	20	20.79	20.97	20.94	22	0
15	QPSK	36	39	20.81	20.92	20.85		
15	QPSK	75	0	20.96	21.07	20.97		
15	16QAM	1	0	21.01	21.04	20.92		
15	16QAM	1	37	20.90	20.93	20.86	22	0
15	16QAM	1	74	20.77	20.90	20.82		
15	16QAM	36	0	20.80	20.98	20.92		
15	16QAM	36	20	20.77	20.87	20.88	22	0
15	16QAM	36	39	20.61	20.79	20.69		
15	16QAM	75	0	20.76	20.99	20.82		
15	64QAM	1	0	20.86	21.07	21.04		
15	64QAM	1	37	20.88	20.99	20.95	22	0
15	64QAM	1	74	20.85	20.99	20.86		
15	64QAM	36	0	19.82	19.89	19.78		
15	64QAM	36	20	19.64	19.73	19.66	21	1
15	64QAM	36	39	19.59	19.63	19.64		
15	64QAM	75	0	19.77	19.86	19.86		
15	256QAM	1	0	18.00	18.10	18.00		
15	256QAM	1	37	18.00	18.16	17.88	19	3
15	256QAM	1	74	17.96	17.99	17.92		
15	256QAM	36	0	17.93	18.00	17.88		
15	256QAM	36	20	17.71	17.91	17.82	19	3
15	256QAM	36	39	17.83	17.92	17.82		
15	256QAM	75	0	17.77	17.92	17.86		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	20.98	21.13	20.91		
10	QPSK	1	25	20.97	21.02	20.85	22	0
10	QPSK	1	49	20.79	20.99	20.86		
10	QPSK	25	0	21.00	21.10	20.96		
10	QPSK	25	12	20.86	20.92	20.85	22	0
10	QPSK	25	25	20.82	20.91	20.81		
10	QPSK	50	0	20.86	21.02	20.88		
10	16QAM	1	0	21.03	21.08	20.97		
10	16QAM	1	25	20.88	20.90	20.91	22	0
10	16QAM	1	49	20.77	20.89	20.85		
10	16QAM	25	0	20.84	20.93	20.94		
10	16QAM	25	12	20.77	20.86	20.86	22	0
10	16QAM	25	25	20.65	20.75	20.78		
10	16QAM	50	0	20.81	20.94	20.77		
10	64QAM	1	0	20.90	21.14	21.06		
10	64QAM	1	25	20.89	20.99	20.99	22	0
10	64QAM	1	49	20.89	20.94	20.83		
10	64QAM	25	0	19.80	19.89	19.73		
10	64QAM	25	12	19.67	19.76	19.59	21	1
10	64QAM	25	25	19.62	19.71	19.62		
10	64QAM	50	0	19.85	19.86	19.85		
10	256QAM	1	0	18.02	18.19	17.98		
10	256QAM	1	25	17.99	18.11	17.87	19	3
10	256QAM	1	49	17.94	18.01	17.97		
10	256QAM	25	0	17.96	18.06	17.83		
10	256QAM	25	12	17.81	17.85	17.81	19	3
10	256QAM	25	25	17.81	17.85	17.80		
10	256QAM	50	0	17.72	17.95	17.76		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	21.06	21.11	20.97		
5	QPSK	1	12	20.93	20.94	20.85	22	0
5	QPSK	1	24	20.77	20.89	20.85		
5	QPSK	12	0	21.02	21.09	21.02		
5	QPSK	12	7	20.84	20.94	20.86	22	0
5	QPSK	12	13	20.79	20.93	20.83		
5	QPSK	25	0	20.95	21.07	20.94		
5	16QAM	1	0	20.93	21.12	21.03		
5	16QAM	1	12	20.86	20.93	20.92	22	0
5	16QAM	1	24	20.76	20.95	20.86		
5	16QAM	12	0	20.81	20.96	20.85		
5	16QAM	12	7	20.72	20.87	20.80	22	0
5	16QAM	12	13	20.69	20.81	20.74		
5	16QAM	25	0	20.82	20.95	20.79		
5	64QAM	1	0	20.86	21.09	21.02		
5	64QAM	1	12	20.98	20.92	20.94	22	0
5	64QAM	1	24	20.82	20.90	20.92		
5	64QAM	12	0	19.74	19.83	19.75		
5	64QAM	12	7	19.68	19.76	19.60	21	1
5	64QAM	12	13	19.63	19.63	19.68		
5	64QAM	25	0	19.80	19.85	19.55		
5	256QAM	1	0	18.00	18.15	17.94		
5	256QAM	1	12	18.01	18.16	17.92	19	3
5	256QAM	1	24	17.93	17.96	17.91		
5	256QAM	12	0	17.92	17.96	17.86		
5	256QAM	12	7	17.80	17.92	17.81	19	3
5	256QAM	12	13	17.75	17.80	17.79		
5	256QAM	25	0	17.71	17.88	17.82		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	20.98	21.14	20.96		
3	QPSK	1	8	20.95	20.91	20.88	22	0
3	QPSK	1	14	20.85	20.99	20.84		
3	QPSK	8	0	20.94	21.15	20.98		
3	QPSK	8	4	20.83	20.89	20.89	22	0
3	QPSK	8	7	20.78	20.96	20.87		
3	QPSK	15	0	20.88	21.00	20.90		
3	16QAM	1	0	20.99	21.08	20.95		
3	16QAM	1	8	20.83	20.93	20.92	22	0
3	16QAM	1	14	20.86	20.90	20.89		
3	16QAM	8	0	20.91	21.02	20.84		
3	16QAM	8	4	20.76	20.75	20.84	22	0
3	16QAM	8	7	20.63	20.74	20.69		
3	16QAM	15	0	20.79	20.95	20.83		
3	64QAM	1	0	20.93	21.06	21.05		
3	64QAM	1	8	20.96	20.93	20.99	22	0
3	64QAM	1	14	20.89	20.93	20.91		
3	64QAM	8	0	19.81	19.88	19.74		
3	64QAM	8	4	19.74	19.71	19.62	21	1
3	64QAM	8	7	19.59	19.67	19.62		
3	64QAM	15	0	19.78	19.85	19.94		
3	256QAM	1	0	18.00	18.12	17.99		
3	256QAM	1	8	18.00	18.13	17.89	19	3
3	256QAM	1	14	17.93	17.95	17.91		
3	256QAM	8	0	17.92	18.07	17.94		
3	256QAM	8	4	17.78	17.82	17.76	19	3
3	256QAM	8	7	17.82	17.90	17.80		
3	256QAM	15	0	17.76	17.91	17.82		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	21.03	21.16	20.96		
1.4	QPSK	1	3	20.93	20.96	20.85		
1.4	QPSK	1	5	20.81	20.95	20.86	22	0
1.4	QPSK	3	0	20.98	21.10	21.07		
1.4	QPSK	3	1	20.91	20.96	20.91		
1.4	QPSK	3	3	20.74	20.96	20.87		
1.4	QPSK	6	0	20.97	20.97	20.91	22	0
1.4	16QAM	1	0	21.00	21.05	20.97		
1.4	16QAM	1	3	20.81	20.88	20.92		
1.4	16QAM	1	5	20.83	20.89	20.87	22	0
1.4	16QAM	3	0	20.86	20.92	20.85		
1.4	16QAM	3	1	20.69	20.87	20.86		
1.4	16QAM	3	3	20.70	20.82	20.70		
1.4	16QAM	6	0	20.75	20.96	20.83	22	0
1.4	64QAM	1	0	20.85	21.05	20.96		
1.4	64QAM	1	3	20.94	20.93	20.93		
1.4	64QAM	1	5	20.89	20.93	20.84	22	0
1.4	64QAM	3	0	20.85	20.95	20.86		
1.4	64QAM	3	1	20.89	21.12	21.01		
1.4	64QAM	3	3	20.95	21.01	20.90		
1.4	64QAM	6	0	19.83	19.88	19.72	21	1
1.4	256QAM	1	0	17.95	18.10	17.93		
1.4	256QAM	1	3	17.95	18.18	17.89		
1.4	256QAM	1	5	17.92	17.97	17.97	19	3
1.4	256QAM	3	0	17.97	17.96	17.84		
1.4	256QAM	3	1	17.83	17.91	17.72		
1.4	256QAM	3	3	17.81	17.89	17.77		
1.4	256QAM	6	0	17.71	17.92	17.78	19	3

Band 4 Default Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	21.16	21.30	21.12		
20	QPSK	1	49	20.99	21.11	20.94	22	0
20	QPSK	1	99	20.98	21.11	20.88		
20	QPSK	50	0	21.06	21.19	21.02		
20	QPSK	50	24	21.00	21.10	20.99	22	0
20	QPSK	50	50	20.98	20.97	20.94		
20	QPSK	100	0	21.02	21.15	21.06		
20	16QAM	1	0	21.08	21.26	21.10		
20	16QAM	1	49	21.03	21.17	21.02	22	0
20	16QAM	1	99	20.95	21.10	21.05		
20	16QAM	50	0	21.12	21.24	21.15		
20	16QAM	50	24	20.99	21.06	21.05	22	0
20	16QAM	50	50	20.96	21.05	20.97		
20	16QAM	100	0	21.06	21.21	21.05		
20	64QAM	1	0	21.10	21.31	21.05		
20	64QAM	1	49	21.03	21.08	21.02	22	0
20	64QAM	1	99	20.90	21.03	20.99		
20	64QAM	50	0	19.92	20.03	19.90		
20	64QAM	50	24	19.83	19.93	19.81	21	1
20	64QAM	50	50	19.82	19.79	19.75		
20	64QAM	100	0	19.87	19.94	19.95		
20	256QAM	1	0	18.06	18.26	18.17		
20	256QAM	1	49	18.03	18.26	18.10	19	3
20	256QAM	1	99	18.05	18.06	18.00		
20	256QAM	50	0	17.94	18.15	18.02		
20	256QAM	50	24	17.96	17.99	17.98	19	3
20	256QAM	50	50	17.87	17.97	17.86		
20	256QAM	100	0	17.92	18.05	17.89		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	21.01	21.25	20.98		
15	QPSK	1	37	20.87	20.97	20.82	22	0
15	QPSK	1	74	20.90	21.07	20.83		
15	QPSK	36	0	20.95	21.07	20.93		
15	QPSK	36	20	20.88	21.03	20.92	22	0
15	QPSK	36	39	20.84	20.91	20.84		
15	QPSK	75	0	20.92	21.07	20.99		
15	16QAM	1	0	20.94	21.15	21.03		
15	16QAM	1	37	21.00	21.03	20.94	22	0
15	16QAM	1	74	20.81	20.97	20.91		
15	16QAM	36	0	21.03	21.10	21.02		
15	16QAM	36	20	20.89	21.02	21.00	22	0
15	16QAM	36	39	20.83	21.01	20.94		
15	16QAM	75	0	20.92	21.05	21.00		
15	64QAM	1	0	20.96	21.14	20.91		
15	64QAM	1	37	20.95	21.04	20.94	22	0
15	64QAM	1	74	20.80	21.00	20.91		
15	64QAM	36	0	19.88	20.00	19.80		
15	64QAM	36	20	19.72	19.88	19.74	21	1
15	64QAM	36	39	19.74	19.66	19.60		
15	64QAM	75	0	19.75	19.80	19.87		
15	256QAM	1	0	18.00	18.17	18.03		
15	256QAM	1	37	17.94	18.16	18.07	19	3
15	256QAM	1	74	17.90	17.96	17.95		
15	256QAM	36	0	17.81	18.01	17.92		
15	256QAM	36	20	17.63	17.88	17.94	19	3
15	256QAM	36	39	17.80	17.89	17.80		
15	256QAM	75	0	17.80	17.96	17.79		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	21.02	21.16	21.04		
10	QPSK	1	25	20.95	20.98	20.83	22	0
10	QPSK	1	49	20.94	20.96	20.73		
10	QPSK	25	0	20.91	21.16	20.91		
10	QPSK	25	12	20.95	20.99	20.90	22	0
10	QPSK	25	25	20.83	20.87	20.80		
10	QPSK	50	0	20.91	21.12	20.92		
10	16QAM	1	0	21.01	21.16	20.99		
10	16QAM	1	25	20.93	21.10	20.98	22	0
10	16QAM	1	49	20.86	20.91	20.92		
10	16QAM	25	0	21.00	21.18	21.09		
10	16QAM	25	12	20.84	21.02	20.98	22	0
10	16QAM	25	25	20.82	20.99	20.89		
10	16QAM	50	0	20.93	21.12	21.02		
10	64QAM	1	0	20.99	21.15	20.98		
10	64QAM	1	25	20.97	21.01	20.88	22	0
10	64QAM	1	49	20.81	20.96	20.89		
10	64QAM	25	0	19.83	19.93	19.87		
10	64QAM	25	12	19.69	19.86	19.68	21	1
10	64QAM	25	25	19.74	19.64	19.69		
10	64QAM	50	0	19.76	19.86	19.82		
10	256QAM	1	0	18.03	18.16	18.05		
10	256QAM	1	25	17.89	18.18	18.04	19	3
10	256QAM	1	49	17.94	17.91	17.90		
10	256QAM	25	0	17.83	18.02	17.91		
10	256QAM	25	12	17.87	17.84	17.89	19	3
10	256QAM	25	25	17.78	17.90	17.82		
10	256QAM	50	0	17.81	17.95	17.85		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	21.04	21.24	21.03		
5	QPSK	1	12	20.96	21.03	20.87	22	0
5	QPSK	1	24	20.91	21.07	20.84		
5	QPSK	12	0	20.93	21.06	20.98		
5	QPSK	12	7	20.94	21.03	20.90	22	0
5	QPSK	12	13	20.94	20.87	20.86		
5	QPSK	25	0	20.92	21.08	20.93		
5	16QAM	1	0	21.04	21.17	21.04		
5	16QAM	1	12	20.93	21.02	20.92	22	0
5	16QAM	1	24	20.85	20.96	20.91		
5	16QAM	12	0	20.99	21.16	21.03		
5	16QAM	12	7	20.87	20.91	20.93	22	0
5	16QAM	12	13	20.89	20.81	20.94		
5	16QAM	25	0	20.91	21.13	20.93		
5	64QAM	1	0	20.99	21.06	20.97		
5	64QAM	1	12	20.97	20.96	20.94	22	0
5	64QAM	1	24	20.82	20.90	20.94		
5	64QAM	12	0	19.82	19.89	19.87		
5	64QAM	12	7	19.73	19.82	19.76	21	1
5	64QAM	12	13	19.74	19.73	19.67		
5	64QAM	25	0	19.75	19.83	19.82		
5	256QAM	1	0	18.00	18.18	18.11		
5	256QAM	1	12	17.88	18.18	18.04	19	3
5	256QAM	1	24	17.95	17.95	17.89		
5	256QAM	12	0	17.87	17.92	17.90		
5	256QAM	12	7	17.93	17.92	17.88	19	3
5	256QAM	12	13	17.82	17.84	17.79		
5	256QAM	25	0	17.86	18.01	17.74		
Channel				19925	20175	20425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	21.04	21.17	21.03		
3	QPSK	1	8	20.87	21.01	20.80	22	0
3	QPSK	1	14	20.90	21.06	20.81		
3	QPSK	8	0	21.00	21.15	20.91		
3	QPSK	8	4	20.90	21.02	20.87	22	0
3	QPSK	8	7	20.84	20.85	20.83		
3	QPSK	15	0	20.87	21.03	20.99		
3	16QAM	1	0	20.95	21.22	20.97		
3	16QAM	1	8	20.96	21.06	20.99	22	0
3	16QAM	1	14	20.90	21.01	21.00		
3	16QAM	8	0	21.03	21.20	21.04		
3	16QAM	8	4	20.89	20.96	20.94	22	0
3	16QAM	8	7	20.93	20.91	20.83		
3	16QAM	15	0	21.03	21.15	21.00		
3	64QAM	1	0	21.03	21.15	21.02		
3	64QAM	1	8	20.99	20.95	20.92	22	0
3	64QAM	1	14	20.80	20.97	20.85		
3	64QAM	8	0	19.79	19.95	19.78		
3	64QAM	8	4	19.79	19.82	19.78	21	1
3	64QAM	8	7	19.75	19.67	19.67		
3	64QAM	15	0	19.80	19.84	19.81		
3	256QAM	1	0	18.02	18.14	18.10		
3	256QAM	1	8	17.91	18.17	17.96	19	3
3	256QAM	1	14	17.99	17.94	17.93		
3	256QAM	8	0	17.81	18.00	17.91		
3	256QAM	8	4	17.88	17.93	17.90	19	3
3	256QAM	8	7	17.83	17.83	17.82		
3	256QAM	15	0	17.82	17.93	17.82		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	21.08	21.16	21.06		
1.4	QPSK	1	3	20.94	21.02	20.90		
1.4	QPSK	1	5	20.84	21.05	20.78	22	0
1.4	QPSK	3	0	20.95	21.10	20.91		
1.4	QPSK	3	1	20.94	20.97	20.87		
1.4	QPSK	3	3	20.95	20.83	20.87		
1.4	QPSK	6	0	20.90	21.10	20.95	22	0
1.4	16QAM	1	0	21.04	21.22	20.97		
1.4	16QAM	1	3	20.96	21.09	20.94		
1.4	16QAM	1	5	20.90	21.04	20.93	22	0
1.4	16QAM	3	0	21.03	21.12	21.02		
1.4	16QAM	3	1	20.88	21.00	20.97		
1.4	16QAM	3	3	20.83	20.93	20.89		
1.4	16QAM	6	0	20.98	21.17	20.92	22	0
1.4	64QAM	1	0	21.04	21.12	20.99		
1.4	64QAM	1	3	20.91	21.05	20.88		
1.4	64QAM	1	5	20.82	20.93	20.94	22	0
1.4	64QAM	3	0	20.95	21.08	20.95		
1.4	64QAM	3	1	21.05	21.11	20.93		
1.4	64QAM	3	3	20.98	20.96	20.98		
1.4	64QAM	6	0	19.70	19.90	19.73	21	1
1.4	256QAM	1	0	18.02	18.18	18.09		
1.4	256QAM	1	3	17.94	18.16	17.97		
1.4	256QAM	1	5	18.01	17.97	17.94	19	3
1.4	256QAM	3	0	17.84	18.11	17.95		
1.4	256QAM	3	1	17.93	17.94	17.92		
1.4	256QAM	3	3	17.75	17.92	17.82		
1.4	256QAM	6	0	17.88	17.90	17.82	19	3

Band 5 Default Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.11	22.16	22.07		
10	QPSK	1	25	21.94	22.03	21.89	23	0
10	QPSK	1	49	21.85	22.06	21.78		
10	QPSK	25	0	21.94	22.15	21.96		
10	QPSK	25	12	21.85	22.00	21.88	23	0
10	QPSK	25	25	21.93	21.86	21.84		
10	QPSK	50	0	21.97	22.05	21.95		
10	16QAM	1	0	21.97	22.14	22.07		
10	16QAM	1	25	21.93	22.14	21.92	23	0
10	16QAM	1	49	21.81	21.95	21.93		
10	16QAM	25	0	22.06	22.09	22.11		
10	16QAM	25	12	21.93	21.98	21.91	23	0
10	16QAM	25	25	21.84	22.01	21.85		
10	16QAM	50	0	21.98	22.07	22.00		
10	64QAM

Band 12 Default Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	22.51	22.59	22.50		
10	QPSK	1	25	22.40	22.42	22.31	24	0
10	QPSK	1	49	22.26	22.46	22.18		
10	QPSK	25	0	22.40	22.55	22.40		
10	QPSK	25	12	22.30	22.45	22.27	24	0
10	QPSK	25	25	22.29	22.32	22.24		
10	QPSK	50	0	22.34	22.41	22.37		
10	16QAM	1	0	22.41	22.51	22.53		
10	16QAM	1	25	22.39	22.52	22.38	24	0
10	16QAM	1	49	22.18	22.40	22.39		
10	16QAM	25	0	22.51	22.52	22.54		
10	16QAM	25	12	22.29	22.41	22.35	24	0
10	16QAM	25	25	22.27	22.36	22.30		
10	16QAM	50	0	22.40	22.51	22.38		
10	64QAM	1	0	22.40	22.44	22.34		
10	64QAM	1	25	22.39	22.41	22.32	24	0
10	64QAM	1	49	22.14	22.41	22.29		
10	64QAM	25	0	21.24	21.36	21.17		
10	64QAM	25	12	21.13	21.21	21.08	22.5	1.5
10	64QAM	25	25	21.09	21.08	21.04		
10	64QAM	50	0	21.25	21.30	21.19		
10	256QAM	1	0	19.32	19.60	19.48		
10	256QAM	1	25	19.35	19.58	19.51	21	3
10	256QAM	1	49	19.34	19.36	19.43		
10	256QAM	25	0	19.24	19.45	19.44		
10	256QAM	25	12	19.34	19.28	19.32	21	3
10	256QAM	25	25	19.12	19.28	19.19		
10	256QAM	50	0	19.26	19.33	19.17		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.43	22.48	22.39	24	0
5	QPSK	1	12	22.33	22.28	22.20		
5	QPSK	1	24	22.14	22.40	22.04		
5	QPSK	12	0	22.29	22.50	22.37	24	0
5	QPSK	12	7	22.25	22.31	22.15		
5	QPSK	12	13	22.24	22.26	22.17		
5	QPSK	25	0	22.22	22.27	22.32		
5	16QAM	1	0	22.35	22.48	22.38		
5	16QAM	1	12	22.25	22.45	22.27	24	0
5	16QAM	1	24	22.08	22.36	22.33		
5	16QAM	12	0	22.47	22.43	22.51		
5	16QAM	12	7	22.18	22.28	22.25	24	0
5	16QAM	12	13	22.15	22.25	22.24		
5	16QAM	25	0	22.37	22.43	22.23		
5	64QAM	1	0	22.25	22.39	22.29		
5	64QAM	1	12	22.29	22.37	22.28	24	0
5	64QAM	1	24	22.05	22.32	22.21		
5	64QAM	12	0	21.17	21.31	21.05		
5	64QAM	12	7	21.02	21.15	20.97	22.5	1.5
5	64QAM	12	13	21.02	20.92	20.89		
5	64QAM	25	0	21.13	21.16	21.15		
5	256QAM	1	0	19.21	19.48	19.38		
5	256QAM	1	12	19.20	19.48	19.48	21	3
5	256QAM	1	24	19.25	19.28	19.33		
5	256QAM	12	0	19.11	19.35	19.38		
5	256QAM	12	7	19.20	19.15	19.26	21	3
5	256QAM	12	13	19.02	19.20	19.12		
5	256QAM	25	0	19.12	19.22	19.09		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.40	22.52	22.46		
3	QPSK	1	8	22.33	22.37	22.26	24	0
3	QPSK	1	14	22.11	22.43	22.08		
3	QPSK	8	0	22.32	22.48	22.29		
3	QPSK	8	4	22.19	22.34	22.21	24	0
3	QPSK	8	7	22.21	22.18	22.11		
3	QPSK	15	0	22.21	22.37	22.25		
3	16QAM	1	0	22.26	22.39	22.46		
3	16QAM	1	8	22.31	22.38	22.32	24	0
3	16QAM	1	14	22.05	22.26	22.32		
3	16QAM	8	0	22.37	22.41	22.40		
3	16QAM	8	4	22.18	22.33	22.29	24	0
3	16QAM	8	7	22.13	22.29	22.18		
3	16QAM	15	0	22.36	22.39	22.25		
3	64QAM	1	0	22.27	22.31	22.21		
3	64QAM	1	8	22.34	22.38	22.28	24	0
3	64QAM	1	14	22.06	22.26	22.20		
3	64QAM	8	0	21.12	21.27	21.02		
3	64QAM	8	4	21.04	21.12	20.95	22.5	1.5
3	64QAM	8	7	20.98	21.00	20.99		
3	64QAM	15	0	21.19	21.24	21.12		
3	256QAM	1	0	19.29	19.45	19.41		
3	256QAM	1	8	19.27	19.51	19.37	21	3
3	256QAM	1	14	19.24	19.31	19.35		
3	256QAM	8	0	19.10	19.31	19.36		
3	256QAM	8	4	19.24	19.15	19.17	21	3
3	256QAM	8	7	19.09	19.23	19.09		
3	256QAM	15	0	19.20	19.26	19.12		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.41	22.54	22.38		
1.4	QPSK	1	3	22.30	22.28	22.27		
1.4	QPSK	1	5	22.20	22.42	22.04	24	0
1.4	QPSK	3	0	22.34	22.50	22.28		
1.4	QPSK	3	1	22.20	22.39	22.23		
1.4	QPSK	3	3	22.17	22.20	22.20		
1.4	QPSK	6	0	22.23	22.34	22.32	24	0
1.4	16QAM	1	0	22.32	22.45	22.40		
1.4	16QAM	1	3	22.28	22.47	22.25		
1.4	16QAM	1	5	22.04	22.37	22.33	24	0
1.4	16QAM	3	0	22.47	22.47	22.40		
1.4	16QAM	3	1	22.25	22.31	22.25		
1.4	16QAM	3	3	22.17	22.32	22.25		
1.4	16QAM	6	0	22.26	22.43	22.35	24	0
1.4	64QAM	1	0	22.35	22.37	22.29		
1.4	64QAM	1	3	22.25	22.29	22.26		
1.4	64QAM	1	5	22.01	22.33	22.19	24	0
1.4	64QAM	3	0	22.38	22.38	22.40		
1.4	64QAM	3	1	22.16	22.32	22.22		
1.4	64QAM	3	3	22.15	22.29	22.21		
1.4	64QAM	6	0	21.19	21.29	21.11	22.5	1.5
1.4	256QAM	1	0	19.26	19.57	19.36		
1.4	256QAM	1	3	19.22	19.55	19.47		
1.4	256QAM	1	5	19.26	19.22	19.35	21	3
1.4	256QAM	3	0	19.10	19.34	19.30		
1.4	256QAM	3	1	19.21	19.18	19.19		
1.4	256QAM	3	3	19.08	19.20	19.14		
1.4	256QAM	6	0	19.17	19.23	19.09	21	3

Band 13 Default Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		22.53			
10	QPSK	1	25		22.40		24	0
10	QPSK	1	49		22.43			
10	QPSK	25	0		22.45			
10	QPSK	25	12		22.35		24	0
10	QPSK	25	25		22.26			
10	QPSK	50	0		22.32			
10	16QAM	1	0		22.48			
10	16QAM	1	25		22.47		24	0
10	16QAM	1	49		22.40			
10	16QAM	25	0		22.44			
10	16QAM	25	12		22.35		24	0
10	16QAM	25	25		22.26			
10	16QAM	50	0		22.45			
10	64QAM	1	0		22.38			
10	64QAM	1	25		22.42		24	0
10	64QAM	1	49		22.41			
10	64QAM	25	0		21.30			
10	64QAM	25	12		21.20		22.5	1.5
10	64QAM	25	25		21.04			
10	64QAM	50	0		21.26			
10	256QAM	1	0		19.60			
10	256QAM	1	25		19.59		21	3
10	256QAM	1	49		19.30			
10	256QAM	25	0		19.42			
10	256QAM	25	12		19.26		21	3
10	256QAM	25	25		19.24			
10	256QAM	50	0		19.28			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.47	22.50	22.44		
5	QPSK	1	12	22.33	22.35	22.39	24	0
5	QPSK	1	24	22.34	22.44	22.44		
5	QPSK	12	0	22.41	22.37	22.40		
5	QPSK	12	7	22.25	22.26	22.28	24	0
5	QPSK	12	13	22.23	22.21	22.21		
5	QPSK	25	0	22.22	22.30	22.30		
5	16QAM	1	0	22.42	22.46	22.43		
5	16QAM	1	12	22.38	22.44	22.46	24	0
5	16QAM	1	24	22.34	22.33	22.41		
5	16QAM	12	0	22.41	22.41	22.40		
5	16QAM	12	7	22.31	22.33	22.31	24	0
5	16QAM	12	13	22.17	22.25	22.19		
5	16QAM	25	0	22.41	22.47	22.46		
5	64QAM	1	0	22.31	22.30	22.29		
5	64QAM	1	12	22.37	22.42	22.35	24	0
5	64QAM	1	24	22.33	22.32	22.35		
5	64QAM	12	0	21.28	21.27	21.25		
5	64QAM	12	7	21.11	21.20	21.17	22.5	1.5
5	64QAM	12	13	20.96	20.97	21.01		
5	64QAM	25	0	21.17	21.25	21.28		
5	256QAM	1	0	19.52	19.51	19.53		
5	256QAM	1	12	19.49	19.53	19.50	21	3
5	256QAM	1	24	19.25	19.29	19.24		
5	256QAM	12	0	19.36	19.43	19.35		
5	256QAM	12	7	19.22	19.24	19.26	21	3
5	256QAM	12	13	19.17	19.20	19.17		
5	256QAM	25	0	19.27	19.18	19.30		

Band 14 Default Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23330			
Frequency (MHz)					793			
10	QPSK	1	0		22.62			
10	QPSK	1	25		22.47		24	0
10	QPSK	1	49		22.51			
10	QPSK	25	0		22.50			
10	QPSK	25	12		22.36		24	0
10	QPSK	25	25		22.35			
10	QPSK	50	0		22.44			
10	16QAM	1	0		22.49			
10	16QAM	1	25		22.48		24	0
10	16QAM	1	49		22.49			
10	16QAM	25	0		22.52			
10	16QAM	25	12		22.41		24	0
10	16QAM	25	25		22.28			
10	16QAM	50	0		22.56			
10	64QAM	1	0		22.41			
10	64QAM	1	25		22.49		24	0
10	64QAM	1	49		22.45			
10	64QAM	25	0		21.32			
10	64QAM	25	12		21.22		22.5	1.5
10	64QAM	25	25		21.08			
10	64QAM	50	0		21.29			
10	256QAM	1	0		19.62			
10	256QAM	1	25		19.68		21	3
10	256QAM	1	49		19.31			
10	256QAM	25	0		19.48			
10	256QAM	25	12		19.29		21	3
10	256QAM	25	25		19.33			
10	256QAM	50	0		19.37			
Channel				23305	23330	23355	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	0	22.51	22.57	22.47		
5	QPSK	1	12	22.32	22.33	22.36	24	0
5	QPSK	1	24	22.45	22.42	22.46		
5	QPSK	12	0	22.39	22.43	22.41		
5	QPSK	12	7	22.27	22.30	22.31	24	0
5	QPSK	12	13	22.30	22.23	22.25		
5	QPSK	25	0	22.32	22.37	22.37		
5	16QAM	1	0	22.41	22.37	22.40		
5	16QAM	1	12	22.39	22.38	22.39	24	0
5	16QAM	1	24	22.44	22.44	22.41		
5	16QAM	12	0	22.43	22.48	22.49		
5	16QAM	12	7	22.27	22.28	22.35	24	0
5	16QAM	12	13	22.18	22.21	22.25		
5	16QAM	25	0	22.42	22.46	22.50		
5	64QAM	1	0	22.28	22.37	22.28		
5	64QAM	1	12	22.41	22.40	22.45	24	0
5	64QAM	1	24	22.38	22.41	22.39		
5	64QAM	12	0	21.21	21.27	21.20		
5	64QAM	12	7	21.08	21.18	21.13	22.5	1.5
5	64QAM	12	13	21.01	21.02	21.02		
5	64QAM	25	0	21.16	21.15	21.18		
5	256QAM	1	0	19.51	19.52	19.57		
5	256QAM	1	12	19.64	19.60	19.59	21	3
5	256QAM	1	24	19.21	19.16	19.27		
5	256QAM	12	0	19.44	19.33	19.34		
5	256QAM	12	7	19.20	19.22	19.14	21	3
5	256QAM	12	13	19.21	19.29	19.20		
5	256QAM	25	0	19.31	19.33	19.24		

Band 17 Default Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	22.45	22.48	22.41		
10	QPSK	1	25	22.38	22.29	22.34	24	0
10	QPSK	1	49	22.31	22.34	22.40		
10	QPSK	25	0	22.35	22.39	22.31		
10	QPSK	25	12	22.18	22.24	22.23	24	0
10	QPSK	25	25	22.21	22.23	22.17		
10	QPSK	50	0	22.29	22.31	22.24		
10	16QAM	1	0	22.30	22.35	22.32		
10	16QAM	1	25	22.28	22.38	22.39	24	0
10	16QAM	1	49	22.17	22.31	22.30		
10	16QAM	25	0	22.34	22.42	22.32		
10	16QAM	25	12	22.32	22.22	22.31	24	0
10	16QAM	25	25	22.13	22.10	22.08		
10	16QAM	50	0	22.36	22.41	22.43		
10	64QAM	1	0	22.27	22.30	22.32		
10	64QAM	1	25	22.31	22.35	22.33	24	0
10	64QAM	1	49	22.30	22.35	22.27		
10	64QAM	25	0	21.21	21.20	21.23		
10	64QAM	25	12	21.05	21.11	21.05	22.5	1.5
10	64QAM	25	25	20.89	20.96	20.98		
10	64QAM	50	0	21.21	21.13	21.12		
10	256QAM	1	0	19.46	19.48	19.43		
10	256QAM	1	25	19.60	19.57	19.50	21	3
10	256QAM	1	49	19.23	19.32	19.27		
10	256QAM	25	0	19.33	19.30	19.34		
10	256QAM	25	12	19.10	19.20	19.21	21	3
10	256QAM	25	25	19.14	19.16	19.20		
10	256QAM	50	0	19.19	19.17	19.28		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.39	22.45	22.29		
5	QPSK	1	12	22.34	22.16	22.20	24	0
5	QPSK	1	24	22.17	22.26	22.32		
5	QPSK	12	0	22.27	22.28	22.17		
5	QPSK	12	7	22.08	22.12	22.12	24	0
5	QPSK	12	13	22.16	22.15	22.04		
5	QPSK	25	0	22.20	22.21	22.14		
5	16QAM	1	0	22.21	22.26	22.18		
5	16QAM	1	12	22.28	22.25	22.27	24	0
5	16QAM	1	24	22.27	22.24	22.28		
5	16QAM	12	0	22.25	22.28	22.23		
5	16QAM	12	7	22.19	22.12	22.24	24	0
5	16QAM	12	13	22.08	22.01	22.01		
5	16QAM	25	0	22.21	22.34	22.31		
5	64QAM	1	0	22.22	22.19	22.19		
5	64QAM	1	12	22.24	22.29	22.25	24	0
5	64QAM	1	24	22.27	22.23	22.18		
5	64QAM	12	0	21.14	21.08	21.11		
5	64QAM	12	7	20.99	21.00	20.95	22.5	1.5
5	64QAM	12	13	20.83	20.84	20.85		
5	64QAM	25	0	21.12	21.00	20.99		
5	256QAM	1	0	19.33	19.39	19.36		
5	256QAM	1	12	19.53	19.47	19.35	21	3
5	256QAM	1	24	19.09	19.19	19.24		
5	256QAM	12	0	19.26	19.21	19.24		
5	256QAM	12	7	18.96	19.12	19.10	21	3
5	256QAM	12	13	19.07	19.06	19.06		
5	256QAM	25	0	19.08	19.04	19.19		

Band 25 Default Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	23.18	23.35	23.31		
20	QPSK	1	49	22.99	23.26	23.19	24	0
20	QPSK	1	99	22.00	23.04	22.94		
20	QPSK	50	0	23.16	23.29	23.19		
20	QPSK	50	24	23.13	23.18	23.14	24	0
20	QPSK	50	50	23.01	23.06	23.05		
20	QPSK	100	0	23.11	23.22	23.15		
20	16QAM	1	0	23.13	23.27	23.14		
20	16QAM	1	49	23.06	23.14	23.07	24	0
20	16QAM	1	99	22.99	23.09	23.07		
20	16QAM	50	0	22.85	23.04	22.94		
20	16QAM	50	24	22.84	22.89	22.90	24	0
20	16QAM	50	50	22.77	22.84	22.82		
20	16QAM	100	0	22.94	23.16	23.01		
20	64QAM	1	0	22.96	23.15	22.96		
20	64QAM	1	49	22.98	23.02	22.90	24	0
20	64QAM	1	99	22.88	23.00	22.90		
20	64QAM	50	0	22.00	22.14	22.05		
20	64QAM	50	24	21.93	22.04	21.97	23	1
20	64QAM	50	50	21.82	21.93	21.85		
20	64QAM	100	0	22.06	22.05	22.03		
20	256QAM	1	0	19.94	20.16	20.00		
20	256QAM	1	49	19.98	20.16	20.02	21	3
20	256QAM	1	99	19.89	19.93	19.97		
20	256QAM	50	0	20.01	20.13	20.01		
20	256QAM	50	24	19.96	19.98	19.97	21	3
20	256QAM	50	50	19.82	19.94	19.87		
20	256QAM	100	0	19.96	20.09	19.92		
Channel				26115	26340	26915	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	23.07	23.26	23.17		
15	QPSK	1	37	22.91	23.15	23.04	24	0
15	QPSK	1	74	22.91	23.09	23.00		
15	QPSK	36	0	23.02	23.16	23.14		
15	QPSK	36	20	23.07	23.05	23.07	24	0
15	QPSK	36	39	22.90	23.01	23.01		
15	QPSK	75	0	23.06	23.14	23.00		
15	16QAM	1	0	22.98	23.12	23.03		
15	16QAM	1	37	22.96	23.04	22.94	24	0
15	16QAM	1	74	22.91	22.99	22.94		
15	16QAM	36	0	22.70	22.95	22.90		
15	16QAM	36	20	22.79	22.79	22.83	24	0
15	16QAM	36	39	22.69	22.76	22.78		
15	16QAM	75	0	22.90	23.13	22.90		
15	64QAM	1	0	22.87	23.04	22.91		
15	64QAM	1	37	22.92	22.91	22.83	24	0
15	64QAM	1	74	22.76	22.97	22.78		
15	64QAM	36	0	21.89	22.07	22.02		
15	64QAM	36	20	21.79	21.82	21.91	23	1
15	64QAM	36	39	21.70	21.79	21.71		
15	64QAM	75	0	22.02	22.01	21.90		
15	256QAM	1	0	19.84	20.02	19.92		
15	256QAM	1	37	19.91	20.10	19.98	21	3
15	256QAM	1	74	19.77	19.78	19.91		
15	256QAM	36	0	19.97	20.03	19.94		
15	256QAM	36	20	19.91	19.92	19.92	21	3
15	256QAM	36	39	19.72	19.80	19.75		
15	256QAM	75	0	19.89	19.97	19.78		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	23.12	23.31	23.16		
10	QPSK	1	25	22.87	23.15	23.09	24	0
10	QPSK	1	49	22.90	23.00	23.00		
10	QPSK	25	0	23.07	23.23	23.06		
10	QPSK	25	12	23.03	23.05	23.07	24	0
10	QPSK	25	25	22.94	22.95	22.92		
10	QPSK	50	0	22.97	23.18	23.04		
10	16QAM	1	0	23.06	23.14	23.07		
10	16QAM	1	25	22.91	23.10	22.92	24	0
10	16QAM	1	49	22.85	23.04	23.03		
10	16QAM	25	0	22.78	22.96	22.87		
10	16QAM	25	12	22.81	22.85	22.84	24	0
10	16QAM	25	25	22.70	22.81	22.76		
10	16QAM	50	0	22.81	23.03	22.92		
10	64QAM	1	0	22.84	23.02	22.84		
10	64QAM	1	25	22.85	22.91	22.79	24	0
10	64QAM	1	49	22.85	22.94	22.81		
10	64QAM	25	0	21.89	22.10	22.02		
10	64QAM	25	12	21.84	21.92	21.86	23	1
10	64QAM	25	25	21.77	21.83	21.77		
10	64QAM	50	0	21.97	21.98	21.94		
10	256QAM	1	0	19.91	20.02	19.90		
10	256QAM	1	25	19.92	20.07	19.91	21	3
10	256QAM	1	49	19.82	19.82	19.86		
10	256QAM	25	0	19.88	20.08	19.87		
10	256QAM	25	12	19.86	19.92	19.88	21	3
10	256QAM	25	25	19.77	19.89	19.76		
10	256QAM	50	0	19.83	20.02	19.87		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	23.12	23.29	23.21		
5	QPSK	1	12	22.90	23.17	23.11	24	0
5	QPSK	1	24	22.88	23.02	23.00		
5	QPSK	12	0	23.12	23.15	23.13		
5	QPSK	12	7	23.07	23.10	23.07	24	0
5	QPSK	12	13	22.90	22.92	23.01		
5	QPSK	25	0	22.98	23.12	23.08		
5	16QAM	1	0	23.07	23.13	23.02		
5	16QAM	1	12	22.97	22.99	22.95	24	0
5	16QAM	1	24	22.91	22.98	23.03		
5	16QAM	12	0	22.81	22.92	22.87		
5	16QAM	12	7	22.74	22.85	22.78	24	0
5	16QAM	12	13	22.74	22.74	22.72		
5	16QAM	25	0	22.81	23.08	22.94		
5	64QAM	1	0	22.90	23.11	22.90		
5	64QAM	1	12	22.92	22.93	22.76	24	0
5	64QAM	1	24	22.73	22.95	22.83		
5	64QAM	12	0	21.87	22.02	22.01		
5	64QAM	12	7	21.88	21.99	21.85	23	1
5	64QAM	12	13	21.68	21.86	21.76		
5	64QAM	25	0	21.92	21.91	21.97		
5	256QAM	1	0	19.81	20.06	19.86		
5	256QAM	1	12	19.85	20.09	19.89	21	3
5	256QAM	1	24	19.75	19.78	19.91		
5	256QAM	12	0	19.86	19.99	19.90		
5	256QAM	12	7	19.88	19.89	19.88	21	3
5	256QAM	12	13	19.71	19.91	19.80		
5	256QAM	25	0	19.83	19.99	19.82		
Channel				26055	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	23.10	23.25	23.22		
3	QPSK	1	8	22.89	23.17	23.13	24	0
3	QPSK	1	14	22.97	23.04	22.90		
3	QPSK	8	0	23.11	23.15	23.12		
3	QPSK	8	4	23.10	23.10	23.10	24	0
3	QPSK	8	7	22.94	22.91	22.93		
3	QPSK	15	0	23.02	23.12	23.11		
3	16QAM	1	0	23.04	23.14	23.11		
3	16QAM	1	8	23.01	23.08	22.94	24	0
3	16QAM	1	14	22.85	22.97	22.96		
3	16QAM	8	0	22.80	22.93	22.79		
3	16QAM	8	4	22.73	22.80	22.76	24	0
3	16QAM	8	7	22.68	22.79	22.70		
3	16QAM	15	0	22.90	23.03	22.93		
3	64QAM	1	0	22.87	23.09	22.91		
3	64QAM	1	8	22.94	22.94	22.86	24	0
3	64QAM	1	14	22.78	22.86	22.82		
3	64QAM	8	0	21.91	22.08	21.94		
3	64QAM	8	4	21.82	21.90	21.91	23	1
3	64QAM	8	7	21.74	21.82	21.74		
3	64QAM	15	0	21.98	22.01	21.89		
3	256QAM	1	0	19.84	20.05	19.89		
3	256QAM	1	8	19.91	20.11	19.88	21	3
3	256QAM	1	14	19.84	19.83	19.85		
3	256QAM	8	0	19.91	20.03	19.89		
3	256QAM	8	4	19.90	19.88	19.85	21	3
3	256QAM	8	7	19.79	19.88	19.79		
3	256QAM	15	0	19.89	20.00	19.77		
Channel				25947	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	23.15	23.23	23.23		
1.4	QPSK	1	3	22.88	23.17	23.14		
1.4	QPSK	1	5	22.93	22.99	22.89	24	0
1.4	QPSK	3	0	23.02	23.21	23.07		
1.4	QPSK	3	1	23.03	23.08	22.99		
1.4	QPSK	3	3	22.87	22.93	22.98		
1.4	QPSK	6	0	22.99	23.07	23.06	24	0
1.4	16QAM	1	0	22.99	23.15	23.01		
1.4	16QAM	1	3	22.99	23.07	23.02		
1.4	16QAM	1	5	22.85	23.02	23.00	24	0
1.4	16QAM	3	0	22.80	22.96	22.89		
1.4	16QAM	3	1	22.72	22.82	22.81		
1.4	16QAM	3	3	22.68	22.81	22.73		
1.4	16QAM	6	0	22.84	23.03	22.97	24	0
1.4	64QAM	1	0	22.83	23.03	22.85		
1.4	64QAM	1	3	22.87	22.97	22.82		
1.4	64QAM	1	5	22.77	22.96	22.85	24	0
1.4	64QAM	3	0	22.81	22.92	22.88		
1.4	64QAM	3	1	22.75	22.80	22.82		
1.4	64QAM	3	3	22.67	22.71	22.72		
1.4	64QAM	6	0	21.97	22.01	21.98	23	1
1.4	256QAM	1	0	19.82	20.03	19.95		
1.4	256QAM	1	3	19.93	20.12	19.88		
1.4	256QAM	1	5	19.84	19.88	19.89	21	3
1.4	256QAM	3	0	19.95	20.08	19.96		
1.4	256QAM	3	1	19.92	19.89	19.85		
1.4	256QAM	3	3	19.72	19.84	19.75		
1.4	256QAM	6	0	19.93	19.94	19.79	21	3

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	22.20	22.24	22.17		
15	QPSK	1	37	22.18	22.07	22.14	23	0
15	QPSK	1	74	22.03	22.10	22.05		
15	QPSK	36	0	22.16	22.20	22.05		
15	QPSK	36	20	21.94	21.95	21.99	23	0
15	QPSK	36	39	21.92	21.94	21.91		
15	QPSK	75	0	21.99	22.05	22.02		
15	16QAM	1	0	22.09	22.08	22.10		
15	16QAM	1	37	22.09	22.18	22.18	23	0
15	16QAM	1	74	21.99	22.01	22.10		
15	16QAM	36	0	22.06	22.19	22.06		
15	16QAM	36	20	22.02	22.02	22.06	23	0
15	16QAM	36	39	21.88	21.91	21.87		
15	16QAM	75	0	22.06	22.12	22.04		
15	64QAM	1	0	21.97	22.02	22.07		
15	64QAM	1	37	22.09	22.09	22.04	23	0
15	64QAM	1	74	22.05	22.17	22.05		
15	64QAM	36	0	20.94	21.00	20.97		
15	64QAM	36	20	20.76	20.88	20.89	22	1
15	64QAM	36	39	20.65	20.78	20.80		
15	64QAM	75	0	20.86	20.93	20.78		
15	256QAM	1	0	19.22	19.23	19.24		
15	256QAM	1	37	19.38	19.35	19.25	20	3
15	256QAM	1	74	19.11	19.14	19.06		
15	256QAM	36	0	19.14	19.08	19.14		
15	256QAM	36	20	18.91	18.99	19.02	20	3
15	256QAM	36	39	18.88	18.97	18.99		
15	256QAM	75	0	18.98	18.93	19.05		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.14	22.20	22.10		
10	QPSK	1	25	22.12	22.03	22.08	23	0
10	QPSK	1	49	21.90	21.98	21.99		
10	QPSK	25	0	22.12	22.12	21.96		
10	QPSK	25	12	21.86	21.92	21.90	23	0
10	QPSK	25	25	21.83	21.84	21.81		
10	QPSK	50	0	21.94	21.95	21.92		
10	16QAM	1	0	22.04	22.01	22.05		
10	16QAM	1	25	22.03	22.09	22.09	23	0
10	16QAM	1	49	21.88	21.87	21.96		
10	16QAM	25	0	21.93	22.07	21.96		
10	16QAM	25	12	21.98	21.89	21.94	23	0
10	16QAM	25	25	21.83	21.80	21.82		
10	16QAM	50	0	21.95	21.99	21.90		
10	64QAM	1	0	21.83	21.93	22.00		
10	64QAM	1	25	21.99	22.01	21.90	23	0
10	64QAM	1	49	21.92	22.04	21.97		
10	64QAM	25	0	20.89	20.93	20.87		
10	64QAM	25	12	20.69	20.82	20.75	22	1
10	64QAM	25	25	20.51	20.72	20.71		
10	64QAM	50	0	20.83	20.76	20.79		
10	256QAM	1	0	19.09	19.18	19.17		
10	256QAM	1	25	19.30	19.28	19.20	20	3
10	256QAM	1	49	19.06	19.01	19.00		
10	256QAM	25	0	19.11	19.02	19.01		
10	256QAM	25	12	18.76	18.86	18.97	20	3
10	256QAM	25	25	18.76	18.91	18.88		
10	256QAM	50	0	18.94	18.80	19.01		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.12	22.13	22.13		
5	QPSK	1	12	22.08	22.00	22.02	23	0
5	QPSK	1	24	21.90	22.01	21.92		
5	QPSK	12	0	22.10	22.11	21.98		
5	QPSK	12	7	21.86	21.90	21.90	23	0
5	QPSK	12	13	21.82	21.90	21.83		
5	QPSK	25	0	21.86	21.96	21.90		
5	16QAM	1	0	21.96	22.04	21.99		
5	16QAM	1	12	21.96	22.14	22.14	23	0
5	16QAM	1	24	21.87	21.96	22.06		
5	16QAM	12	0	22.00	22.07	21.92		
5	16QAM	12	7	21.96	21.96	21.97	23	0
5	16QAM	12	13	21.82	21.85	21.77		
5	16QAM	25	0	22.03	22.05	22.00		
5	64QAM	1	0	21.86	21.95	22.01		
5	64QAM	1	12	21.97	21.98	21.90	23	0
5	64QAM	1	24	22.00	22.03	22.02		
5	64QAM	12	0	20.84	20.91	20.82		
5	64QAM	12	7	20.71	20.76	20.84	22	1
5	64QAM	12	13	20.53	20.73	20.71		
5	64QAM	25	0	20.90	20.78	20.77		
5	256QAM	1	0	19.17	19.18	19.09		
5	256QAM	1	12	19.31	19.31	19.18	20	3
5	256QAM	1	24	18.97	19.07	19.01		
5	256QAM	12	0	19.03	18.96	19.03		
5	256QAM	12	7	18.78	18.87	18.88	20	3
5	256QAM	12	13	18.78	18.93	18.93		
5	256QAM	25	0	18.94	18.78	18.97		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.11	22.11	22.09		
3	QPSK	1	8	22.09	22.01	22.09	23	0
3	QPSK	1	14	21.94	22.06	21.91		
3	QPSK	8	0	22.04	22.07	21.99		
3	QPSK	8	4	21.83	21.90	21.92	23	0
3	QPSK	8	7	21.78	21.90	21.87		
3	QPSK	15	0	21.87	21.94	21.89		
3	16QAM	1	0	21.95	22.03	21.97		
3	16QAM	1	8	21.98	22.05	22.04	23	0
3	16QAM	1	14	21.95	21.90	22.06		
3	16QAM	8	0	21.93	22.12	21.97		
3	16QAM	8	4	21.89	21.90	21.97	23	0
3	16QAM	8	7	21.76	21.77	21.73		
3	16QAM	15	0	21.99	21.99	21.92		
3	64QAM	1	0	21.92	21.94	21.94		
3	64QAM	1	8	22.02	21.96	21.89	23	0
3	64QAM	1	14	22.01	21.96	21.97		
3	64QAM	8	0	20.83	20.95	20.84		
3	64QAM	8	4	20.62	20.75	20.83	22	1
3	64QAM	8	7	20.58	20.65	20.75		
3	64QAM	15	0	20.89	20.78	20.74		
3	256QAM	1	0	19.14	19.12	19.17		
3	256QAM	1	8	19.23	19.30	19.13	20	3
3	256QAM	1	14	19.01	19.05	18.93		
3	256QAM	8	0	19.09	18.97	19.05		
3	256QAM	8	4	18.81	18.93	18.92	20	3
3	256QAM	8	7	18.79	18.83	18.94		
3	256QAM	15	0	18.94	18.81	18.93		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.07	22.10	22.11		
1.4	QPSK	1	3	22.11	21.96	22.09	23	0
1.4	QPSK	1	5	21.90	21.99	21.97		
1.4	QPSK	3	0	22.11	22.16	21.92		
1.4	QPSK	3	1	21.82	21.89	21.95		
1.4	QPSK	3	3	21.88	21.85	21.82		
1.4	QPSK	6	0	21.95	21.90	21.97	23	0
1.4	16QAM	1	0	21.97	21.97	21.97		
1.4	16QAM	1	3	21.97	22.08	22.10		
1.4	16QAM	1	5	21.87	21.94	21.97	23	0
1.4	16QAM	3	0	21.91	22.11	21.95		
1.4	16QAM	3	1	21.98	21.98	21.96		
1.4	16QAM	3	3	21.76	21.77	21.76		
1.4	16QAM	6	0	22.02	22.05	21.92	23	0
1.4	64QAM	1	0	21.86	21.95	22.03		
1.4	64QAM	1	3	22.03	22.04	21.97		
1.4	64QAM	1	5	22.00	22.07	21.96	23	0
1.4	64QAM	3	0	21.87	21.95	21.94		
1.4	64QAM	3	1	22.02	22.04	21.95		
1.4	64QAM	3	3	21.91	22.03	21.92		
1.4	64QAM	6	0	20.82	20.86	20.86	22	1
1.4	256QAM	1	0	19.12	19.11	19.13		
1.4	256QAM	1	3	19.20	19.24	19.17	20	3
1.4	256QAM	1	5	19.01	19.03	18.94		
1.4	256QAM	3	0	19.03	19.05	19.02		
1.4	256QAM	3	1	18.84	18.85	18.88		
1.4	256QAM	3	3	18.75	18.86	18.80		
1.4	256QAM	6	0	18.92	18.98	18.86	20	3

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		21.21			
10	QPSK	1	25		21.10		21.3	0
10	QPSK	1	49		21.15			
10	QPSK	25	0		21.13			
10	QPSK	25	12		20.99		21.3	0
10	QPSK	25	25		20.99			
10	QPSK	50	0		21.03			
10	16QAM	1	0		20.91			
10	16QAM	1	25		20.96		21.3	0
10	16QAM	1	49		20.97			
10	16QAM	25	0		21.20			
10	16QAM	25	12		21.08		21.3	0
10	16QAM	25	25		21.04			
10	16QAM	50	0		20.90			
10	64QAM	1	0		21.07			
10	64QAM	1	25		20.93		21.3	0
10	64QAM	1	49		20.85			
10	64QAM	25	0		19.66			
10	64QAM	25	12		19.50		20.5	0.8
10	64QAM	25	25		19.52			
10	64QAM	50	0		19.56			
10	256QAM	1	0		18.25			
10	256QAM	1	25		18.25		18.5	2.8
10	256QAM	1	49		18.06			
10	256QAM	25	0		18.01			
10	256QAM	25	12		17.86		18.5	2.8
10	256QAM	25	25		17.81			
10	256QAM	50	0		17.66			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	21.10	21.14	21.08		
5	QPSK	1	12	21.05	21.06	20.97	21.3	0
5	QPSK	1	24	21.07	21.09	21.09		
5	QPSK	12	0	21.01	21.02	21.10		
5	QPSK	12	7	20.88	20.92	20.94	21.3	0
5	QPSK	12	13	20.94	20.89	20.88		
5	QPSK	25	0	20.95	20.99	20.89		
5	16QAM	1	0	20.85	20.87	20.86		
5	16QAM	1	12	20.83	20.87	20.82	21.3	0
5	16QAM	1	24	20.94	20.91	20.89		
5	16QAM	12	0	21.14	21.10	21.16		
5	16QAM	12	7	20.95	21.00	20.98	21.3	0
5	16QAM	12	13	20.96	20.92	20.95		
5	16QAM	25	0	20.86	20.77	20.85		
5	64QAM	1	0	20.93	20.94	20.97		
5	64QAM	1	12	20.80	20.87	20.85	21.3	0
5	64QAM	1	24	20.79	20.77	20.71		
5	64QAM	12	0	19.58	19.56	19.56		
5	64QAM	12	7	19.43	19.43	19.43	20.5	0.8
5	64QAM	12	13	19.44	19.45	19.41		
5	64QAM	25	0	19.45

Band 38 DSI5_Standalone Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2586	2596	2610		
20	QPSK	1	0	22.20	22.24	22.12	23	0
20	QPSK	1	49	22.03	22.07	21.99		
20	QPSK	1	99	22.02	22.10	21.93		
20	QPSK	50	0	22.07	22.16	22.06	23	0
20	QPSK	50	24	22.00	22.08	22.00		
20	QPSK	50	50	21.93	22.03	21.90		
20	QPSK	100	0	22.04	22.11	21.95		
20	16QAM	1	0	22.01	22.17	22.09	23	0
20	16QAM	1	49	21.99	22.02	22.03		
20	16QAM	1	99	21.88	21.92	21.92		
20	16QAM	50	0	21.54	21.72	21.54	22.5	0.5
20	16QAM	50	24	21.51	21.56	21.51		
20	16QAM	50	50	21.50	21.50	21.45		
20	16QAM	100	0	21.53	21.67	21.56		
20	64QAM	1	0	21.62	21.76	21.60	22.5	0.5
20	64QAM	1	49	21.52	21.64	21.52		
20	64QAM	1	99	21.51	21.63	21.51		
20	64QAM	50	0	20.63	20.75	20.56	21.5	1.5
20	64QAM	50	24	20.49	20.58	20.59		
20	64QAM	50	50	20.45	20.51	20.54		
20	64QAM	100	0	20.52	20.58	20.48		
20	256QAM	1	0	18.57	18.78	18.59	19.5	3.5
20	256QAM	1	49	18.54	18.78	18.59		
20	256QAM	1	99	18.46	18.58	18.55		
20	256QAM	50	0	18.62	18.77	18.66	19.5	3.5
20	256QAM	50	24	18.56	18.62	18.54		
20	256QAM	50	50	18.45	18.56	18.46		
20	256QAM	100	0	18.61	18.72	18.59		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2596	2612.5		
15	QPSK	1	0	22.11	22.20	22.08	23	0
15	QPSK	1	37	21.94	21.93	21.89		
15	QPSK	1	74	21.88	21.96	21.79		
15	QPSK	36	0	22.00	22.06	21.99	23	0
15	QPSK	36	20	21.86	21.95	21.92		
15	QPSK	36	39	21.78	21.91	21.75		
15	QPSK	75	0	21.94	22.04	21.91		
15	16QAM	1	0	21.96	22.04	21.97	23	0
15	16QAM	1	37	21.87	21.91	21.90		
15	16QAM	1	74	21.76	21.78	21.78		
15	16QAM	36	0	21.40	21.61	21.41	22.5	0.5
15	16QAM	36	20	21.40	21.42	21.41		
15	16QAM	36	39	21.36	21.38	21.36		
15	16QAM	75	0	21.48	21.58	21.41		
15	64QAM	1	0	21.52	21.63	21.46	22.5	0.5
15	64QAM	1	37	21.38	21.61	21.44		
15	64QAM	1	74	21.41	21.49	21.44		
15	64QAM	36	0	20.55	20.69	20.52	21.5	1.5
15	64QAM	36	20	20.45	20.47	20.45		
15	64QAM	36	39	20.39	20.39	20.47		
15	64QAM	75	0	20.48	20.48	20.43		
15	256QAM	1	0	18.45	18.70	18.53	19.5	3.5
15	256QAM	1	37	18.48	18.66	18.51		
15	256QAM	1	74	18.39	18.44	18.47		
15	256QAM	36	0	18.58	18.72	18.59	19.5	3.5
15	256QAM	36	20	18.50	18.51	18.44		
15	256QAM	36	39	18.33	18.46	18.43		
15	256QAM	75	0	18.50	18.64	18.47		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.06	22.14	21.97	23	0
10	QPSK	1	25	21.97	21.94	21.93		
10	QPSK	1	49	21.97	21.98	21.81		
10	QPSK	25	0	21.94	22.09	22.00	23	0
10	QPSK	25	12	21.88	21.96	21.90		
10	QPSK	25	25	21.90	21.99	21.75		
10	QPSK	50	0	21.97	22.01	21.82		
10	16QAM	1	0	21.92	22.10	22.00	23	0
10	16QAM	1	25	21.94	21.95	21.91		
10	16QAM	1	49	21.75	21.79	21.88		
10	16QAM	25	0	21.41	21.64	21.44	22.5	0.5
10	16QAM	25	12	21.43	21.41	21.44		
10	16QAM	25	25	21.44	21.40	21.35		
10	16QAM	50	0	21.42	21.62	21.45		
10	64QAM	1	0	21.58	21.66	21.53	22.5	0.5
10	64QAM	1	25	21.38	21.55	21.43		
10	64QAM	1	49	21.36	21.49	21.44		
10	64QAM	25	0	20.54	20.66	20.51	21.5	1.5
10	64QAM	25	12	20.36	20.48	20.52		
10	64QAM	25	25	20.37	20.39	20.47		
10	64QAM	50	0	20.41	20.48	20.36		
10	256QAM	1	0	18.50	18.67	18.51	19.5	3.5
10	256QAM	1	25	18.50	18.72	18.45		
10	256QAM	1	49	18.34	18.51	18.45		
10	256QAM	25	0	18.51	18.67	18.57	19.5	3.5
10	256QAM	25	12	18.45	18.57	18.44		
10	256QAM	25	25	18.32	18.50	18.36		
10	256QAM	50	0	18.49	18.67	18.49		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.10	22.19	22.08	23	0
5	QPSK	1	12	21.91	21.93	21.92		
5	QPSK	1	24	21.89	22.00	21.80		
5	QPSK	12	0	21.94	22.11	22.00	23	0
5	QPSK	12	7	21.94	22.02	21.96		
5	QPSK	12	13	21.88	21.89	21.81		
5	QPSK	25	0	21.90	21.97	21.87		
5	16QAM	1	0	21.91	22.04	22.04	23	0
5	16QAM	1	12	21.95	21.90	21.89		
5	16QAM	1	24	21.74	21.78	21.86		
5	16QAM	12	0	21.42	21.67	21.42	22.5	0.5
5	16QAM	12	7	21.40	21.41	21.39		
5	16QAM	12	13	21.38	21.37	21.31		
5	16QAM	25	0	21.39	21.59	21.44		
5	64QAM	1	0	21.48	21.73	21.50	22.5	0.5
5	64QAM	1	12	21.42	21.57	21.46		
5	64QAM	1	24	21.39	21.48	21.46		
5	64QAM	12	0	20.51	20.68	20.52	21.5	1.5
5	64QAM	12	7	20.42	20.54	20.55		
5	64QAM	12	13	20.40	20.40	20.44		
5	64QAM	25	0	20.40	20.50	20.44		
5	256QAM	1	0	18.53	18.74	18.53	19.5	3.5
5	256QAM	1	12	18.41	18.74	18.51		
5	256QAM	1	24	18.41	18.47	18.40		
5	256QAM	12	0	18.54	18.67	18.58	19.5	3.5
5	256QAM	12	7	18.50	18.49	18.48		
5	256QAM	12	13	18.39	18.43	18.41		
5	256QAM	25	0	18.46	18.61	18.48		

Band 41 FCC&IC DSI5_Standalone Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	21.90	21.79	22.07	21.97	21.86	23.4	0
20	QPSK	1	49	21.77	21.83	21.98	21.95	21.86		
20	QPSK	1	99	21.82	21.78	21.79	21.83	21.84		
20	QPSK	50	0	21.90	21.84	22.05	22.00	21.97	23	0.4
20	QPSK	50	24	21.82	21.82	21.81	21.79	21.75		
20	QPSK	50	50	21.73	21.74	21.88	21.82	21.65		
20	QPSK	100	0	21.64	21.57	21.86	21.49	21.82		
20	16QAM	1	0	21.73	21.78	21.88	21.75	21.96	23	0.4
20	16QAM	1	49	21.78	21.68	21.67	21.74	21.75		
20	16QAM	1	99	21.59	21.73	21.81	21.56	21.49		
20	16QAM	50	0	21.87	21.86	21.98	21.79	21.91	22	1.4
20	16QAM	50	24	21.68	21.71	21.80	21.63	21.69		
20	16QAM	50	50	21.72	21.74	21.83	21.74	21.70		
20	16QAM	100	0	21.90	21.80	21.99	21.82	21.94		
20	64QAM	1	0	21.94	21.90	21.86	21.94	21.93	22	1.4
20	64QAM	1	49	21.83	21.82	21.92	21.88	21.84		
20	64QAM	1	99	21.71	21.78	21.79	21.81	21.72		
20	64QAM	50	0	20.89	20.79	20.94	20.76	20.85	21	2.4
20	64QAM	50	24	20.72	20.68	20.77	20.79	20.66		
20	64QAM	50	50	20.62	20.70	20.75	20.73	20.60		
20	64QAM	100	0	20.73	20.84	20.87	20.81	20.83		
20	256QAM	1	0	18.90	18.83	18.99	18.85	18.91	19	4.4
20	256QAM	1	49	18.84	18.82	18.99	18.84	18.94		
20	256QAM	1	99	18.78	18.68	18.82	18.81	18.72		
20	256QAM	50	0	18.94	18.86	18.97	18.88	18.83	19	4.4
20	256QAM	50	24	18.66	18.80	18.80	18.80	18.69		
20	256QAM	50	50	18.62	18.75	18.76	18.72	18.61		
20	256QAM	100	0	18.97	18.86	18.89	18.90	18.93		
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	21.87	21.68	21.77	21.68	21.79	23.40	0
15	QPSK	1	37	21.60	21.67	21.74	21.74	21.78		
15	QPSK	1	74	21.58	21.46	21.51	21.55	21.44		
15	QPSK	36	0	21.84	21.72	21.74	21.65	21.74	23	0.4
15	QPSK	36	20	21.55	21.64	21.54	21.39	21.56		
15	QPSK	36	39	21.51	21.61	21.80	21.41	21.36		
15	QPSK	75	0	21.64	21.60	21.52	21.39	21.66		
15	16QAM	1	0	21.66	21.78	21.82	21.73	21.66	23	0.4
15	16QAM	1	37	21.74	21.57	21.61	21.53	21.57		
15	16QAM	1	74	21.62	21.44	21.63	21.48	21.47		
15	16QAM	36	0	21.75	21.73	21.91	21.67	21.87	22	1.4
15	16QAM	36	20	21.57	21.61	21.68	21.77	21.64		
15	16QAM	36	39	21.65	21.70	21.71	21.70	21.66		
15	16QAM	75	0	21.79	21.66	21.87	21.68	21.83		
15	64QAM	1	0	21.82	21.77	21.95	21.86	21.84	22	1.4
15	64QAM	1	37	21.70	21.77	21.77	21.83	21.70		
15	64QAM	1	74	21.60	21.66	21.69	21.74	21.60		
15	64QAM	36	0	20.82	20.70	20.79	20.62	20.74	21	2.4
15	64QAM	36	20	20.64	20.56	20.63	20.74	20.59		
15	64QAM	36	39	20.52	20.56	20.62	20.69	20.52		
15	64QAM	75	0	20.62	20.74	20.82	20.68	20.70		
15	256QAM	1	0	18.81	18.75	18.94	18.76	18.80	19	4.4
15	256QAM	1	37	18.79	18.76	18.90	18.81	18.79		
15	256QAM	1	74	18.66	18.61	18.70	18.70	18.59		
15	256QAM	36	0	18.88	18.72	18.85	18.77	18.72	19	4.4
15	256QAM	36	20	18.55	18.73	18.71	18.72	18.55		
15	256QAM	36	39	18.50	18.68	18.70	18.59	18.54		
15	256QAM	75	0	18.89	18.72	18.97	18.82	18.82		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	21.82	21.61	21.84	21.61	21.77	23.40	0
10	QPSK	1	25	21.55	21.57	21.83	21.73	21.69		
10	QPSK	1	49	21.53	21.54	21.65	21.54	21.45		
10	QPSK	25	0	21.72	21.68	21.61	21.55	21.52	23	0.4
10	QPSK	25	12	21.47	21.54	21.72	21.51	21.57		
10	QPSK	25	25	21.58	21.43	21.52	21.50	21.45		
10	QPSK	50	0	21.75	21.71	21.79	21.45	21.77		
10	16QAM	1	0	21.82	21.68	21.71	21.78	21.67	23	0.4
10	16QAM	1	25	21.61	21.59	21.69	21.71	21.63		
10	16QAM	1	49	21.48	21.62	21.71	21.57	21.51		
10	16QAM	25	0	21.74	21.82	21.88	21.64	21.82	22	1.4
10	16QAM	25	12	21.60	21.65	21.75	21.77	21.59		
10	16QAM	25	25	21.67	21.59	21.68	21.61	21.58		
10	16QAM	50	0	21.86	21.66	21.92	21.79	21.85		
10	64QAM	1	0	21.79	21.85	21.92	21.87	21.82	22	1.4
10	64QAM	1	25	21.72	21.67	21.80	21.85	21.69		
10	64QAM	1	49	21.67	21.70	21.72	21.68	21.58		
10	64QAM	25	0	20.80	20.67	20.80	20.66	20.72	21	2.4
10	64QAM	25	12	20.61	20.54	20.71	20.67	20.58		
10	64QAM	25	25	20.47	20.66	20.71	20.60	20.45		
10	64QAM	50	0	20.61	20.74	20.83	20.70	20.77		
10	256QAM	1	0	18.81	18.79	18.89	18.81	18.84	19	4.4
10	256QAM	1	25	18.75	18.79	18.84	18.76	18.86		
10	256QAM	1	49	18.65	18.56	18.74	18.69	18.59		
10	256QAM	25	0	18.88	18.77	18.86	18.81	18.71	19	4.4
10	256QAM	25	12	18.55	18.72	18.75	18.66	18.63		
10	256QAM	25	25	18.52	18.64	18.64	18.62	18.58		
10	256QAM	50	0	18.82	18.74	18.94	18.81	18.79		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	21.88	21.71	21.87	21.62	21.70	23.40	0
5	QPSK	1	12	21.68	21.67	21.82	21.80	21.58		
5	QPSK	1	24	21.62	21.41	21.60	21.66	21.49		
5	QPSK	12	0	21.55	21.66	21.63	21.73	21.53	23	0.4
5	QPSK	12	7	21.35	21.51	21.64	21.49	21.48		
5	QPSK	12	13	21.43	21.40	21.71	21.53	21.56		
5	QPSK	25	0	21.70	21.53	21.66	21.48	21.64		
5	16QAM	1	0	21.80	21.63	21.73	21.74	21.83	23	0.4
5	16QAM	1	12	21.69	21.59	21.72	21.62	21.55		
5	16QAM	1	24	21.62	21.60	21.71	21.49	21.60		
5	16QAM	12	0	21.80	21.73	21.91	21.66	21.77	22	1.4
5	16QAM	12	7	21.61	21.62	21.74	21.76	21.65		
5	16QAM	12	13	21.58	21.68	21.78	21.61	21.60		
5	16QAM	25	0	21.83	21.70	21.88	21.68	21.84		
5	64QAM	1	0	21.81	21.85	21.91	21.86	21.84	22	1.4
5	64QAM	1	12	21.72	21.78	21.88	21.75	21.73		
5	64QAM	1	24	21.63	21.64	21.75	21.69	21.65		
5	64QAM	12	0	20.76	20.67	20.88	20.71	20.74	21	2.4
5	64QAM	12	7	20.59	20.56	20.64	20.67	20.56		
5	64QAM	12	13	20.49	20.64	20.66	20.61	20.49		
5	64QAM	25	0	20.65	20.81	20.79	20.73	20.69		
5	256QAM	1	0	18.78	18.68	18.92	18.73	18.84	19	4.4
5	256QAM	1	12	18.74	18.75	18.95	18.70	18.91		
5	256QAM	1	24	18.71	18.62	18.68	18.77	18.67		
5	256QAM	12	0	18.89	18.77	18.92	18.73	18.72	19	4.4
5	256QAM	12	7	18.53	18.67	18.71	18.75	18.57		
5	256QAM	12	13	18.53	18.70	18.71	18.68	18.53		
5	256QAM	25	0	18.86	18.73	18.96	18.86	18.88		

Band 41 PC2 FCC&IC DSI5_Standalone Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	23.77	23.79	23.91	23.71	23.85		
20	QPSK	1	49	23.63	23.59	23.68	23.64	23.79	25	0
20	QPSK	1	99	23.44	23.58	23.75	23.67	23.75		
20	QPSK	50	0	23.55	23.66	23.74	23.61	23.76		
20	QPSK	50	24	23.45	23.64	23.64	23.48	23.51	25	0
20	QPSK	50	50	23.49	23.43	23.54	23.59	23.31		
20	QPSK	100	0	23.31	23.54	23.69	23.64	23.64		
20	16QAM	1	0	23.52	23.67	23.79	23.66	23.66		
20	16QAM	1	49	23.48	23.68	23.75	23.49	23.64	25	0
20	16QAM	1	99	23.43	23.53	23.63	23.57	23.53		
20	16QAM	50	0	23.33	23.50	23.58	23.61	23.55		
20	16QAM	50	24	23.35	23.59	23.59	23.48	23.62	25	0
20	16QAM	50	50	23.37	23.32	23.57	23.55	23.40		
20	16QAM	100	0	23.44	23.46	23.66	23.41	23.63		
20	64QAM	1	0	23.71	23.83	23.82	23.85	23.87		
20	64QAM	1	49	23.72	23.86	23.82	23.82	23.70	25	0
20	64QAM	1	99	23.73	23.89	23.90	23.72	23.70		
20	64QAM	50	0	23.58	23.66	23.76	23.60	23.61		
20	64QAM	50	24	23.43	23.55	23.63	23.61	23.51	25	0
20	64QAM	50	50	23.46	23.51	23.61	23.54	23.48		
20	64QAM	100	0	23.50	23.58	23.67	23.67	23.61		
20	256QAM	1	0	21.69	21.81	21.95	21.76	21.81		
20	256QAM	1	49	21.72	21.76	21.95	21.81	21.91	23	2
20	256QAM	1	99	21.62	21.68	21.73	21.75	21.64		
20	256QAM	50	0	21.55	21.58	21.74	21.63	21.67		
20	256QAM	50	24	21.39	21.53	21.59	21.50	21.52	23	2
20	256QAM	50	50	21.36	21.51	21.54	21.48	21.43		
20	256QAM	100	0	21.50	21.63	21.77	21.59	21.63		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	23.61	23.79	23.83	23.66	23.67	25.00	0
15	QPSK	1	37	23.49	23.63	23.61	23.48	23.65		
15	QPSK	1	74	23.39	23.58	23.65	23.44	23.54		
15	QPSK	36	0	23.56	23.69	23.59	23.60	23.66		
15	QPSK	36	20	23.42	23.41	23.54	23.52	23.48	25	0
15	QPSK	36	39	23.33	23.31	23.37	23.56	23.23		
15	QPSK	75	0	23.41	23.38	23.62	23.59	23.52		
15	16QAM	1	0	23.44	23.59	23.82	23.74	23.72		
15	16QAM	1	37	23.59	23.49	23.65	23.33	23.47	25	0
15	16QAM	1	74	23.33	23.57	23.50	23.36	23.47		
15	16QAM	36	0	23.24	23.26	23.58	23.45	23.54		
15	16QAM	36	20	23.14	23.31	23.59	23.40	23.25	25	0
15	16QAM	36	39	23.30	23.34	23.58	23.21	23.39		
15	16QAM	75	0	23.34	23.52	23.62	23.32	23.43		
15	64QAM	1	0	23.82	23.68	23.89	23.87	23.83		
15	64QAM	1	37	23.66	23.69	23.73	23.80	23.67	25	0
15	64QAM	1	74	23.58	23.77	23.72	23.77	23.66		
15	64QAM	36	0	23.47	23.60	23.62	23.54	23.46		
15	64QAM	36	20	23.32	23.52	23.51	23.58	23.41	25	0
15	64QAM	36	39	23.40	23.45	23.50	23.50	23.33		
15	64QAM	75	0	23.44	23.55	23.63	23.61	23.51		
15	256QAM	1	0	21.64	21.69	21.82	21.70	21.66		
15	256QAM	1	37	21.63	21.64	21.84	21.73	21.63	23	2
15	256QAM	1	74	21.48	21.61	21.62	21.60	21.52		
15	256QAM	36	0	21.50	21.54	21.68	21.59	21.61		
15	256QAM	36	20	21.31	21.44	21.51	21.46	21.38	23	2
15	256QAM	36	39	21.30	21.44	21.51	21.44	21.38		
15	256QAM	75	0	21.40	21.54	21.67	21.50	21.58		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	23.71	23.70	23.82	23.62	23.78		
10	QPSK	1	25	23.62	23.64	23.68	23.71	23.45	25.00	0
10	QPSK	1	49	23.44	23.39	23.75	23.46	23.70		
10	QPSK	25	0	23.62	23.65	23.73	23.59	23.77		
10	QPSK	25	12	23.35	23.42	23.60	23.51	23.41	25	0
10	QPSK	25	25	23.46	23.34	23.45	23.40	23.38		
10	QPSK	50	0	23.31	23.41	23.55	23.45	23.34		
10	16QAM	1	0	23.50	23.67	23.61	23.69	23.74		
10	16QAM	1	25	23.50	23.56	23.60	23.48	23.62	25	0
10	16QAM	1	49	23.50	23.42	23.52	23.57	23.42		
10	16QAM	25	0	23.17	23.47	23.63	23.50	23.61		
10	16QAM	25	12	23.18	23.33	23.33	23.25	23.33	25	0
10	16QAM	25	25	23.30	23.32	23.33	23.23	23.23		
10	16QAM	50	0	23.37	23.44	23.43	23.38	23.46		
10	64QAM	1	0	23.61	23.83	23.86	23.81	23.83		
10	64QAM	1	25	23.66	23.76	23.72	23.71	23.69	25	0
10	64QAM	1	49	23.59	23.64	23.74	23.68	23.73		
10	64QAM	25	0	23.54	23.63	23.65	23.50	23.58		
10	64QAM	25	12	23.38	23.46	23.54	23.51	23.40	25	0
10	64QAM	25	25	23.32	23.48	23.46	23.44	23.41		
10	64QAM	50	0	23.44	23.45	23.64	23.54	23.55		
10	256QAM	1	0	21.58	21.70	21.81	21.68	21.69		
10	256QAM	1	25	21.66	21.63	21.86	21.75	21.67	23	2
10	256QAM	1	49	21.48	21.64	21.69	21.69	21.56		
10	256QAM	25	0	21.43	21.50	21.61	21.60	21.56		
10	256QAM	25	12	21.25	21.42	21.47	21.37	21.46	23	2
10	256QAM	25	25	21.29	21.37	21.41	21.43	21.30		
10	256QAM	50	0	21.35	21.48	21.69	21.56	21.55		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	23.50	23.73	23.82	23.67	23.76		
5	QPSK	1	12	23.63	23.72	23.67	23.48	23.66	25.00	0
5	QPSK	1	24	23.48	23.61	23.76	23.47	23.54		
5	QPSK	12	0	23.39	23.75	23.78	23.50	23.71		
5	QPSK	12	7	23.28	23.35	23.43	23.53	23.45	25	0
5	QPSK	12	13	23.29	23.51	23.49	23.34	23.33		
5	QPSK	25	0	23.17	23.48	23.53	23.40	23.50		
5	16QAM	1	0	23.63	23.48	23.59	23.68	23.70		
5	16QAM	1	12	23.42	23.58	23.53	23.45	23.36	25	0
5	16QAM	1	24	23.32	23.50	23.63	23.40	23.50		
5	16QAM	12	0	23.41	23.34	23.56	23.49	23.49		
5	16QAM	12	7	23.39	23.39	23.48	23.36	23.45	25	0
5	16QAM	12	13	23.11	23.24	23.50	23.41	23.25		
5	16QAM	25	0	23.30	23.46	23.67	23.34	23.53		
5	64QAM	1	0	23.67	23.84	23.81	23.89	23.81		
5	64QAM	1	12	23.75	23.78	23.82	23.76	23.76	25	0
5	64QAM	1	24	23.78	23.66	23.65	23.55	23.78		
5	64QAM	12	0	23.44	23.59	23.65	23.46	23.51		
5	64QAM	12	7	23.38	23.48	23.49	23.58	23.39	25	0
5	64QAM	12	13	23.35	23.36	23.57	23.45	23.37		
5	64QAM	25	0	23.46	23.54	23.59	23.54	23.49		
5	256QAM	1	0	21.57	21.77	21.81	21.62	21.67		
5	256QAM	1	12	21.58	21.69	21.91	21.67	21.87	23	2
5	256QAM	1	24	21.54	21.59	21.64	21.71	21.55		
5	256QAM	12	0	21.43	21.47	21.69	21.59	21.64		
5	256QAM	12	7	21.35	21.41	21.49	21.38	21.41	23	2
5	256QAM	12	13	21.23	21.41	21.42	21.43	21.37		
5	256QAM	25	0	21.38	21.60	21.72	21.55	21.56		

Band 48 Default Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3540	3609	3641	3690		
20	QPSK	1	0	20.19	20.51	20.47	20.43		
20	QPSK	1	49	20.17	20.43	20.35	20.30	21	0
20	QPSK	1	99	20.13	20.36	20.27	20.26		
20	QPSK	50	0	20.33	20.48	20.38	20.39		
20	QPSK	50	24	20.23	20.31	20.33	20.26	21	0
20	QPSK	50	50	20.24	20.32	20.19	20.23		
20	QPSK	100	0	20.26	20.42	20.24	20.31		
20	16QAM	1	0	20.28	20.43	20.26	20.32		
20	16QAM	1	49	20.23	20.23	20.25	20.11	21	0
20	16QAM	1	99	20.22	20.29	20.20	20.17		
20	16QAM	50	0	20.09	20.22	20.10	20.08		
20	16QAM	50	24	20.03	20.09	20.05	20.03	20.5	0.5
20	16QAM	50	50	19.91	20.00	19.93	19.90		
20	16QAM	100	0	20.04	20.18	20.06	20.04		
20	64QAM	1	0	20.05	20.16	20.07	20.04		
20	64QAM	1	49	19.92	20.03	19.92	19.93	20.5	0.5
20	64QAM	1	99	19.94	19.93	19.94	19.83		
20	64QAM	50	0	19.00	19.15	19.04	19.07		
20	64QAM	50	24	18.98	18.97	18.97	18.89	19.5	1.5
20	64QAM	50	50	18.90	18.97	18.88	18.87		
20	64QAM	100	0	18.82	18.98	18.91	18.92		
20	256QAM	1	0	16.91	17.07	16.92	16.95		
20	256QAM	1	49	16.82	17.07	16.83	16.95	17.5	3.5
20	256QAM	1	99	16.86	16.83	16.83	16.79		
20	256QAM	50	0	16.99	17.15	17.06	17.02		
20	256QAM	50	24	16.91	17.01	16.99	16.92	17.5	3.5
20	256QAM	50	50	16.92	16.99	16.91	16.94		
20	256QAM	100	0	17.08	17.22	17.03	17.17		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3537.5	3608	3642	3692.5		
15	QPSK	1	0	20.12	20.44	20.42	20.34		
15	QPSK	1	37	20.11	20.29	20.28	20.22	21	0
15	QPSK	1	74	20.03	20.27	20.24	20.19		
15	QPSK	36	0	20.21	20.45	20.25	20.31		
15	QPSK	36	20	20.16	20.22	20.21	20.12	21	0
15	QPSK	36	39	20.20	20.26	20.07	20.19		
15	QPSK	75	0	20.13	20.31	20.14	20.22		
15	16QAM	1	0	20.21	20.32	20.11	20.26		
15	16QAM	1	37	20.14	20.15	20.17	20.05	21	0
15	16QAM	1	74	20.07	20.22	20.14	20.07		
15	16QAM	36	0	20.05	20.12	20.02	19.98		
15	16QAM	36	20	19.99	20.03	19.97	19.96	20.5	0.5
15	16QAM	36	39	19.83	19.96	19.79	19.82		
15	16QAM	75	0	20.01	20.06	19.92	19.97		
15	64QAM	1	0	19.96	20.06	19.98	19.92		
15	64QAM	1	37	19.81	19.94	19.81	19.87	20.5	0.5
15	64QAM	1	74	19.90	19.89	19.81	19.72		
15	64QAM	36	0	18.86	19.11	18.97	18.93		
15	64QAM	36	20	18.85	18.93	18.89	18.85	19.5	1.5
15	64QAM	36	39	18.78	18.85	18.74	18.81		
15	64QAM	75	0	18.79	18.88	18.86	18.78		
15	256QAM	1	0	16.81	17.03	16.79	16.91		
15	256QAM	1	37	16.67	17.01	16.74	16.81	17.5	3.5
15	256QAM	1	74	16.77	16.68	16.73	16.73		
15	256QAM	36	0	16.90	17.03	17.02	16.91		
15	256QAM	36	20	16.87	16.94	16.95	16.87	17.5	3.5
15	256QAM	36	39	16.79	16.92	16.83	16.91		
15	256QAM	75	0	17.03	17.10	16.90	17.11		
Channel				55290	55815	56155	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3535	3607.5	3642.5	3695		
10	QPSK	1	0	20.11	20.48	20.43	20.31		
10	QPSK	1	25	20.07	20.37	20.25	20.20	21	0
10	QPSK	1	49	20.07	20.29	20.19	20.18		
10	QPSK	25	0	20.23	20.37	20.25	20.25		
10	QPSK	25	12	20.13	20.22	20.20	20.12	21	0
10	QPSK	25	25	20.17	20.24	20.05	20.14		
10	QPSK	50	0	20.15	20.27	20.15	20.25		
10	16QAM	1	0	20.16	20.35	20.19	20.27		
10	16QAM	1	25	20.18	20.13	20.21	19.98	21	0
10	16QAM	1	49	20.09	20.16	20.12	20.06		
10	16QAM	25	0	19.96	20.18	20.05	20.04		
10	16QAM	25	12	19.95	20.00	19.93	19.91	20.5	0.5
10	16QAM	25	25	19.84	19.89	19.87	19.81		
10	16QAM	50	0	19.99	20.10	20.01	19.90		
10	64QAM	1	0	19.99	20.12	19.99	20.00		
10	64QAM	1	25	19.86	19.92	19.87	19.88	20.5	0.5
10	64QAM	1	49	19.87	19.87	19.81	19.71		
10	64QAM	25	0	18.89	19.08	18.95	18.94		
10	64QAM	25	12	18.88	18.82	18.83	18.85	19.5	1.5
10	64QAM	25	25	18.76	18.88	18.75	18.84		
10	64QAM	50	0	18.69	18.94	18.80	18.84		
10	256QAM	1	0	16.82	16.96	16.84	16.87		
10	256QAM	1	25	16.77	16.93	16.77	16.81	17.5	3.5
10	256QAM	1	49	16.83	16.72	16.70	16.71		
10	256QAM	25	0	16.89	17.02	16.98	16.94		
10	256QAM	25	12	16.88	16.96	16.92	16.78	17.5	3.5
10	256QAM	25	25	16.79	16.86	16.81	16.81		
10	256QAM	50	0	16.98	17.17	16.89	17.05		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3532.5	3607	3643	3697.5		
5	QPSK	1	0	20.10	20.42	20.38	20.32		
5	QPSK	1	12	20.08	20.30	20.23	20.15	21	0
5	QPSK	1	24	20.05	20.29	20.16	20.13		
5	QPSK	12	0	20.20	20.35	20.34	20.31		
5	QPSK	12	7	20.16	20.17	20.22	20.21	21	0
5	QPSK	12	13	20.18	20.25	20.09	20.15		
5	QPSK	25	0	20.19	20.29	20.16	20.20		
5	16QAM	1	0	20.23	20.31	20.17	20.26		
5	16QAM	1	12	20.19	20.14	20.21	19.97	21	0
5	16QAM	1	24	20.16	20.15	20.17	20.02		
5	16QAM	12	0	20.01	20.08	19.96	20.00		
5	16QAM	12	7	19.91	20.05	19.94	19.93	20.5	0.5
5	16QAM	12	13	19.79	19.86	19.79	19.79		
5	16QAM	25	0	19.97	20.12	19.99	19.89		
5	64QAM	1	0	20.01	20.10	19.99	19.97		
5	64QAM	1	12	19.89	19.94	19.89	19.83	20.5	0.5
5	64QAM	1	24	19.80	19.85	19.87	19.69		
5	64QAM	12	0	18.95	19.03	18.99	18.99		
5	64QAM	12	7	18.92	18.82	18.89	18.82	19.5	1.5
5	64QAM	12	13	18.81	18.90	18.80	18.83		
5	64QAM	25	0	18.67	18.95	18.77	18.87		
5	256QAM	1	0	16.87	17.03	16.80	16.87		
5	256QAM	1	12	16.70	16.92	16.69	16.83	17.5	3.5
5	256QAM	1	24	16.73	16.76	16.73	16.71		
5	256QAM	12	0	16.94	17.02	16.92	16.94		
5	256QAM	12	7	16.84	16.93	16.85	16.85	17.5	3.5
5	256QAM	12	13	16.82	16.85	16.80	16.79		
5	256QAM	25	0	17.01	17.14	16.97	17.10		

	GSM1900 Ant3	Default							
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		29.56	29.66	29.63	30.50	20.56	20.66	20.63	21.50
GPRS 1 Tx slot		29.52	29.61	29.49	30.50	20.52	20.61	20.49	21.50
GPRS 2 Tx slots		27.05	27.12	26.97	28.00	21.05	21.12	20.97	22.00
GPRS 3 Tx slots		25.70	25.76	25.66	26.50	21.44	21.50	21.40	22.24
GPRS 4 Tx slots		23.54	23.57	23.46	24.50	20.54	20.57	20.46	21.50
EDGE 1 Tx slot		25.06	25.13	24.99	26.00	16.06	16.13	15.99	17.00
EDGE 2 Tx slots		23.33	23.43	23.40	24.50	17.33	17.43	17.40	18.50
EDGE 3 Tx slots		22.21	22.35	22.25	23.50	17.95	18.09	17.99	19.24
EDGE 4 Tx slots		20.13	20.18	20.06	21.00	17.13	17.18	17.06	18.00
		Default WCDMA II Ant3				Default WCDMA IV Ant3			
Band		WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	22.96	23.03	23.00	24.00	22.84	22.97	22.91	24.00
3GPP Rel 99	RMC 12.2Kbps	23.05	23.09	23.02	24.00	22.89	23.03	22.84	24.00
3GPP Rel 6	HSDPA Subtest-1	21.95	22.14	22.11	23.00	21.91	22.04	22.04	23.00
3GPP Rel 6	HSDPA Subtest-2	22.04	22.17	21.92	23.00	21.93	22.07	21.84	23.00
3GPP Rel 6	HSDPA Subtest-3	21.64	21.58	21.57	22.50	21.59	21.49	21.44	22.50
3GPP Rel 6	HSDPA Subtest-4	21.48	21.66	21.60	22.50	21.43	21.59	21.50	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	22.06	22.17	21.98	23.00	21.95	22.09	21.95	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	21.99	22.13	22.18	23.00	21.91	22.07	22.07	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	21.37	21.57	21.48	22.50	21.26	21.46	21.34	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	21.43	21.56	21.44	22.50	21.29	21.45	21.31	22.50
3GPP Rel 6	HSUPA Subtest-1	22.08	22.31	21.97	23.00	22.04	22.24	21.94	23.00
3GPP Rel 6	HSUPA Subtest-2	20.23	20.14	20.17	21.00	20.20	20.09	20.04	21.00
3GPP Rel 6	HSUPA Subtest-3	21.20	21.06	21.03	22.00	21.10	20.98	20.99	22.00
3GPP Rel 6	HSUPA Subtest-4	19.98	20.25	20.22	21.00	19.84	20.19	20.08	21.00
3GPP Rel 6	HSUPA Subtest-5	22.03	22.04	21.94	23.00	21.90	21.90	21.89	23.00

Band 2 Default Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	22.65	22.72	22.70	24	0
20	QPSK	1	49	22.52	22.63	22.57		
20	QPSK	1	99	22.45	22.54	22.53		
20	QPSK	50	0	22.49	22.67	22.53		
20	QPSK	50	24	22.45	22.55	22.49	24	0
20	QPSK	50	50	22.38	22.47	22.38		
20	QPSK	100	0	22.45	22.60	22.41		
20	16QAM	1	0	22.40	22.58	22.46		
20	16QAM	1	49	22.36	22.45	22.41	24	0
20	16QAM	1	99	22.33	22.44	22.37		
20	16QAM	50	0	22.38	22.54	22.44		
20	16QAM	50	24	22.38	22.37	22.31	24	0
20	16QAM	50	50	22.32	22.39	22.31		
20	16QAM	100	0	22.38	22.49	22.32		
20	64QAM	1	0	22.29	22.47	22.31		
20	64QAM	1	49	22.29	22.29	22.29	24	0
20	64QAM	1	99	22.24	22.32	22.27		
20	64QAM	50	0	22.28	22.48	22.29		
20	64QAM	50	24	22.28	22.34	22.32	24	0
20	64QAM	50	50	22.26	22.34	22.29		
20	64QAM	100	0	22.42	22.46	22.38		
20	256QAM	1	0	19.47	19.63	19.48		
20	256QAM	1	49	19.51	19.63	19.45	21	3
20	256QAM	1	99	19.38	19.43	19.33		
20	256QAM	50	0	19.37	19.53	19.37		
20	256QAM	50	24	19.33	19.39	19.36	21	3
20	256QAM	50	50	19.25	19.35	19.32		
20	256QAM	100	0	19.43	19.63	19.49		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.60	22.68	22.61		
15	QPSK	1	37	22.42	22.58	22.49	24	0
15	QPSK	1	74	22.40	22.49	22.46		
15	QPSK	36	0	22.42	22.59	22.47		
15	QPSK	36	20	22.30	22.51	22.38	24	0
15	QPSK	36	39	22.31	22.39	22.29		
15	QPSK	75	0	22.34	22.50	22.34		
15	16QAM	1	0	22.30	22.53	22.42		
15	16QAM	1	37	22.24	22.41	22.29	24	0
15	16QAM	1	74	22.24	22.41	22.23		
15	16QAM	36	0	22.29	22.42	22.34		
15	16QAM	36	20	22.32	22.27	22.28	24	0
15	16QAM	36	39	22.27	22.28	22.24		
15	16QAM	75	0	22.26	22.44	22.27		
15	64QAM	1	0	22.17	22.37	22.21		
15	64QAM	1	37	22.22	22.17	22.16	24	0
15	64QAM	1	74	22.14	22.21	22.21		
15	64QAM	36	0	22.23	22.41	22.19		
15	64QAM	36	20	22.14	22.23	22.22	24	0
15	64QAM	36	39	22.20	22.30	22.17		
15	64QAM	75	0	22.28	22.34	22.29		
15	256QAM	1	0	19.35	19.58	19.38		
15	256QAM	1	37	19.39	19.50	19.40	21	3
15	256QAM	1	74	19.33	19.30	19.26		
15	256QAM	36	0	19.27	19.45	19.29		
15	256QAM	36	20	19.23	19.25	19.26	21	3
15	256QAM	36	39	19.14	19.23	19.20		
15	256QAM	75	0	19.39	19.51	19.42		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	22.60	22.61	22.60		
10	QPSK	1	25	22.46	22.54	22.50	24	0
10	QPSK	1	49	22.34	22.52	22.43		
10	QPSK	25	0	22.42	22.57	22.40		
10	QPSK	25	12	22.37	22.50	22.43	24	0
10	QPSK	25	25	22.27	22.33	22.27		
10	QPSK	50	0	22.30	22.49	22.32		
10	16QAM	1	0	22.28	22.49	22.37		
10	16QAM	1	25	22.24	22.33	22.30	24	0
10	16QAM	1	49	22.24	22.36	22.32		
10	16QAM	25	0	22.27	22.40	22.34		
10	16QAM	25	12	22.32	22.33	22.22	24	0
10	16QAM	25	25	22.21	22.35	22.25		
10	16QAM	50	0	22.25	22.36	22.26		
10	64QAM	1	0	22.21	22.43	22.16		
10	64QAM	1	25	22.17	22.15	22.16	24	0
10	64QAM	1	49	22.13	22.22	22.13		
10	64QAM	25	0	22.23	22.45	22.21		
10	64QAM	25	12	22.22	22.26	22.20	24	0
10	64QAM	25	25	22.20	22.29	22.20		
10	64QAM	50	0	22.37	22.34	22.25		
10	256QAM	1	0	19.36	19.58	19.41		
10	256QAM	1	25	19.38	19.57	19.34	21	3
10	256QAM	1	49	19.27	19.31	19.27		
10	256QAM	25	0	19.25	19.46	19.32		
10	256QAM	25	12	19.28	19.30	19.26	21	3
10	256QAM	25	25	19.14	19.28	19.19		
10	256QAM	50	0	19.33	19.54	19.39		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.62	22.67	22.64		
5	QPSK	1	12	22.39	22.54	22.46	24	0
5	QPSK	1	24	22.38	22.51	22.49		
5	QPSK	12	0	22.41	22.57	22.44		
5	QPSK	12	7	22.34	22.45	22.41	24	0
5	QPSK	12	13	22.30	22.39	22.33		
5	QPSK	25	0	22.34	22.52	22.32		
5	16QAM	1	0	22.31	22.45	22.33		
5	16QAM	1	12	22.31	22.42	22.28	24	0
5	16QAM	1	24	22.19	22.33	22.30		
5	16QAM	12	0	22.33	22.46	22.32		
5	16QAM	12	7	22.24	22.23	22.28	24	0
5	16QAM	12	13	22.23	22.28	22.20		
5	16QAM	25	0	22.29	22.46	22.23		
5	64QAM	1	0	22.20	22.41	22.32		
5	64QAM	1	12	22.17	22.25	22.20	24	0
5	64QAM	1	24	22.20	22.24	22.23		
5	64QAM	12	0	22.14	22.40	22.16		
5	64QAM	12	7	22.23	22.23	22.28	24	0
5	64QAM	12	13	22.14	22.20	22.15		
5	64QAM	25	0	22.37	22.38	22.27		
5	256QAM	1	0	19.37	19.50	19.39		
5	256QAM	1	12	19.43	19.52	19.42	21	3
5	256QAM	1	24	19.25	19.33	19.29		
5	256QAM	12	0	19.26	19.42	19.33		
5	256QAM	12	7	19.28	19.33	19.25	21	3
5	256QAM	12	13	19.13	19.29	19.28		
5	256QAM	25	0	19.29	19.59	19.46		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.51	22.66	22.60		
3	QPSK	1	8	22.37	22.51	22.45	24	0
3	QPSK	1	14	22.39	22.51	22.41		
3	QPSK	8	0	22.43	22.58	22.44		
3	QPSK	8	4	22.39	22.42	22.43	24	0
3	QPSK	8	7	22.35	22.33	22.34		
3	QPSK	15	0	22.34	22.46	22.32		
3	16QAM	1	0	22.32	22.53	22.41		
3	16QAM	1	8	22.26	22.36	22.33	24	0
3	16QAM	1	14	22.18	22.30	22.30		
3	16QAM	8	0	22.28	22.43	22.34		
3	16QAM	8	4	22.31	22.31	22.27	24	0
3	16QAM	8	7	22.22	22.27	22.23		
3	16QAM	15	0	22.34	22.44	22.28		
3	64QAM	1	0	22.23	22.40	22.20		
3	64QAM	1	8	22.22	22.18	22.21	24	0
3	64QAM	1	14	22.10	22.22	22.22		
3	64QAM	8	0	22.23	22.41	22.16		
3	64QAM	8	4	22.22	22.23	22.27	24	0
3	64QAM	8	7	22.14	22.26	22.16		
3	64QAM	15	0	22.35	22.38	22.26		
3	256QAM	1	0	19.42	19.56	19.35		
3	256QAM	1	8	19.37	19.55	19.37	21	3
3	256QAM	1	14	19.23	19.29	19.21		
3	256QAM	8	0	19.29	19.47	19.33		
3	256QAM	8	4	19.19	19.30	19.28	21	3
3	256QAM	8	7	19.21	19.30	19.25		
3	256QAM	15	0	19.36	19.59	19.36		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.61	22.61	22.66		
1.4	QPSK	1	3	22.40	22.57	22.43		
1.4	QPSK	1	5	22.33	22.53	22.46	24	0
1.4	QPSK	3	0	22.43	22.56	22.40		
1.4	QPSK	3	1	22.31	22.50	22.40		
1.4	QPSK	3	3	22.35	22.36	22.34		
1.4	QPSK	6	0	22.31	22.46	22.37	24	0
1.4	16QAM	1	0	22.29	22.54	22.36		
1.4	16QAM	1	3	22.28	22.41	22.36		
1.4	16QAM	1	5	22.21	22.37	22.30	24	0
1.4	16QAM	3	0	22.24	22.47	22.30		
1.4	16QAM	3	1	22.24	22.30	22.23		
1.4	16QAM	3	3	22.26	22.31	22.26		
1.4	16QAM	6	0	22.28	22.44	22.21	24	0
1.4	64QAM	1	0	22.19	22.36	22.26		
1.4	64QAM	1	3	22.24	22.16	22.18		
1.4	64QAM	1	5	22.19	22.20	22.20	24	0
1.4	64QAM	3	0	22.19	22.42	22.22		
1.4	64QAM	3	1	22.20	22.21	22.22		
1.4	64QAM	3	3	22.19	22.31	22.19		
1.4	64QAM	6	0	22.34	22.33	22.30	24	0
1.4	256QAM	1	0	19.34	19.57	19.40		
1.4	256QAM	1	3	19.46	19.50	19.31		
1.4	256QAM	1	5	19.34	19.40	19.27	21	3
1.4	256QAM	3	0	19.33	19.50	19.26		
1.4	256QAM	3	1	19.30	19.32	19.23		
1.4	256QAM	3	3	19.21	19.32	19.19		
1.4	256QAM	6	0	19.31	19.50	19.41	21	3

Band 4 Default Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	22.72	22.87	22.67	24	0
20	QPSK	1	49	22.61	22.78	22.53		
20	QPSK	1	99	22.54	22.73	22.53		
20	QPSK	50	0	22.67	22.81	22.72		
20	QPSK	50	24	22.60	22.62	22.66	24	0
20	QPSK	50	50	22.52	22.60	22.56		
20	QPSK	100	0	22.57	22.72	22.60		
20	16QAM	1	0	22.66	22.83	22.66		
20	16QAM	1	49	22.56	22.67	22.60	24	0
20	16QAM	1	99	22.55	22.63	22.57		
20	16QAM	50	0	22.44	22.57	22.38		
20	16QAM	50	24	22.40	22.37	22.36	24	0
20	16QAM	50	50	22.26	22.38	22.28		
20	16QAM	100	0	22.45	22.59	22.39		
20	64QAM	1	0	22.50	22.61	22.43		
20	64QAM	1	49	22.42	22.48	22.45	24	0
20	64QAM	1	99	22.32	22.40	22.38		
20	64QAM	50	0	21.41	21.60	21.48		
20	64QAM	50	24	21.36	21.47	21.36	23	1
20	64QAM	50	50	21.28	21.40	21.37		
20	64QAM	100	0	21.46	21.60	21.51		
20	256QAM	1	0	19.52	19.69	19.60		
20	256QAM	1	49	19.44	19.69	19.45	21	3
20	256QAM	1	99	19.40	19.44	19.50		
20	256QAM	50	0	19.56	19.67	19.56		
20	256QAM	50	24	19.43	19.53	19.45	21	3
20	256QAM	50	50	19.38	19.42	19.38		
20	256QAM	100	0	19.41	19.63	19.53		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.68	22.83	22.64		
15	QPSK	1	37	22.52	22.70	22.46	24	0
15	QPSK	1	74	22.41	22.59	22.40		
15	QPSK	36	0	22.54	22.75	22.58		
15	QPSK	36	20	22.47	22.56	22.55	24	0
15	QPSK	36	39	22.40	22.49	22.44		
15	QPSK	75	0	22.51	22.69	22.57		
15	16QAM	1	0	22.61	22.79	22.53		
15	16QAM	1	37	22.52	22.54	22.52	24	0
15	16QAM	1	74	22.43	22.49	22.46		
15	16QAM	36	0	22.38	22.53	22.29		
15	16QAM	36	20	22.34	22.30	22.22	24	0
15	16QAM	36	39	22.17	22.25	22.15		
15	16QAM	75	0	22.40	22.44	22.33		
15	64QAM	1	0	22.39	22.54	22.33		
15	64QAM	1	37	22.32	22.42	22.41	24	0
15	64QAM	1	74	22.22	22.26	22.25		
15	64QAM	36	0	21.27	21.47	21.42		
15	64QAM	36	20	21.26	21.39	21.30	23	1
15	64QAM	36	39	21.19	21.34	21.25		
15	64QAM	75	0	21.36	21.53	21.48		
15	256QAM	1	0	19.45	19.58	19.46		
15	256QAM	1	37	19.39	19.64	19.42	21	3
15	256QAM	1	74	19.28	19.37	19.40		
15	256QAM	36	0	19.45	19.55	19.44		
15	256QAM	36	20	19.32	19.50	19.37	21	3
15	256QAM	36	39	19.23	19.29	19.28		
15	256QAM	75	0	19.30	19.55	19.47		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.67	22.78	22.56	24	0
10	QPSK	1	25	22.55	22.72	22.43		
10	QPSK	1	49	22.48	22.66	22.43		
10	QPSK	25	0	22.62	22.70	22.64		
10	QPSK	25	12	22.54	22.49	22.59	24	0
10	QPSK	25	25	22.39	22.47	22.46		
10	QPSK	50	0	22.48	22.63	22.45		
10	16QAM	1	0	22.58	22.76	22.63		
10	16QAM	1	25	22.54	22.58	22.49	24	0
10	16QAM	1	49	22.47	22.54	22.46		
10	16QAM	25	0	22.40	22.45	22.33		
10	16QAM	25	12	22.30	22.29	22.30	24	0
10	16QAM	25	25	22.13	22.31	22.19		
10	16QAM	50	0	22.42	22.51	22.35		
10	64QAM	1	0	22.43	22.50	22.34		
10	64QAM	1	25	22.32	22.34	22.41	24	0
10	64QAM	1	49	22.21	22.27	22.29		
10	64QAM	25	0	21.34	21.48	21.35		
10	64QAM	25	12	21.30	21.37	21.30	23	1
10	64QAM	25	25	21.16	21.30	21.30		
10	64QAM	50	0	21.34	21.48	21.42		
10	256QAM	1	0	19.46	19.64	19.55		
10	256QAM	1	25	19.31	19.58	19.33	21	3
10	256QAM	1	49	19.32	19.34	19.44		
10	256QAM	25	0	19.50	19.62	19.44		
10	256QAM	25	12	19.38	19.46	19.34	21	3
10	256QAM	25	25	19.30	19.29	19.31		
10	256QAM	50	0	19.36	19.52	19.44		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.62	22.73	22.55	24	0
5	QPSK	1	12	22.49	22.69	22.39		
5	QPSK	1	24	22.45	22.66	22.40		
5	QPSK	12	0	22.56	22.74	22.62		
5	QPSK	12	7	22.57	22.59	22.59	24	0
5	QPSK	12	13	22.42	22.48	22.48		
5	QPSK	25	0	22.47	22.61	22.54		
5	16QAM	1	0	22.54	22.79	22.62		
5	16QAM	1	12	22.59	22.51	22.49	24	0
5	16QAM	1	24	22.51	22.54	22.44		
5	16QAM	12	0	22.37	22.54	22.34		
5	16QAM	12	7	22.26	22.22	22.29	24	0
5	16QAM	12	13	22.22	22.29	22.15		
5	16QAM	25	0	22.39	22.49	22.35		
5	64QAM	1	0	22.37	22.53	22.37		
5	64QAM	1	12	22.36	22.41	22.40	24	0
5	64QAM	1	24	22.23	22.26	22.34		
5	64QAM	12	0	21.27	21.51	21.42		
5	64QAM	12	7	21.24	21.39	21.22	23	1
5	64QAM	12	13	21.24	21.27	21.33		
5	64QAM	25	0	21.37	21.45	21.44		
5	256QAM	1	0	19.38	19.65	19.51		
5	256QAM	1	12	19.36	19.54	19.35	21	3
5	256QAM	1	24	19.35	19.35	19.46		
5	256QAM	12	0	19.49	19.53	19.43		
5	256QAM	12	7	19.33	19.40	19.30	21	3
5	256QAM	12	13	19.32	19.33	19.30		
5	256QAM	25	0	19.31	19.52	19.43		
Channel				19950	20175	20400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.61	22.73	22.52	24	0
3	QPSK	1	8	22.53	22.69	22.43		
3	QPSK	1	14	22.50	22.66	22.45		
3	QPSK	8	0	22.55	22.67	22.58		
3	QPSK	8	4	22.49	22.56	22.54	24	0
3	QPSK	8	7	22.42	22.51	22.47		
3	QPSK	15	0	22.48	22.68	22.56		
3	16QAM	1	0	22.53	22.68	22.56		
3	16QAM	1	8	22.64	22.58	22.54	24	0
3	16QAM	1	14	22.41	22.58	22.47		
3	16QAM	8	0	22.40	22.53	22.27		
3	16QAM	8	4	22.37	22.24	22.29	24	0
3	16QAM	8	7	22.17	22.30	22.17		
3	16QAM	15	0	22.41	22.50	22.25		
3	64QAM	1	0	22.43	22.57	22.31		
3	64QAM	1	8	22.32	22.41	22.33	24	0
3	64QAM	1	14	22.19	22.30	22.25		
3	64QAM	8	0	21.37	21.56	21.43		
3	64QAM	8	4	21.22	21.37	21.30	23	1
3	64QAM	8	7	21.18	21.27	21.26		
3	64QAM	15	0	21.32	21.50	21.41		
3	256QAM	1	0	19.43	19.63	19.52		
3	256QAM	1	8	19.32	19.64	19.35	21	3
3	256QAM	1	14	19.27	19.36	19.41		
3	256QAM	8	0	19.44	19.57	19.42		
3	256QAM	8	4	19.31	19.41	19.36	21	3
3	256QAM	8	7	19.31	19.33	19.25		
3	256QAM	15	0	19.35	19.59	19.47		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.58	22.82	22.57		
1.4	QPSK	1	3	22.57	22.73	22.49		
1.4	QPSK	1	5	22.48	22.67	22.46	24	0
1.4	QPSK	3	0	22.58	22.70	22.59		
1.4	QPSK	3	1	22.45	22.49	22.55		
1.4	QPSK	3	3	22.47	22.45	22.43		
1.4	QPSK	6	0	22.50	22.58	22.52	24	0
1.4	16QAM	1	0	22.53	22.73	22.56		
1.4	16QAM	1	3	22.55	22.50	22.51		
1.4	16QAM	1	5	22.49	22.56	22.49	24	0
1.4	16QAM	3	0	22.32	22.43	22.31		
1.4	16QAM	3	1	22.25	22.22	22.29		
1.4	16QAM	3	3	22.18	22.25	22.20		
1.4	16QAM	6	0	22.37	22.46	22.30	24	0
1.4	64QAM	1	0	22.35	22.53	22.29		
1.4	64QAM	1	3	22.37	22.38	22.34		
1.4	64QAM	1	5	22.24	22.25	22.29	24	0
1.4	64QAM	3	0	22.32	22.32	22.23		
1.4	64QAM	3	1	22.36	22.22	22.30		
1.4	64QAM	3	3	22.13	22.31	22.20		
1.4	64QAM	6	0	21.31	21.45	21.33	23	1
1.4	256QAM	1	0	19.38	19.55	19.47		
1.4	256QAM	1	3	19.33	19.66	19.33		
1.4	256QAM	1	5	19.31	19.37	19.39	21	3
1.4	256QAM	3	0	19.47	19.56	19.45		
1.4	256QAM	3	1	19.38	19.44	19.35		
1.4	256QAM	3	3	19.28	19.29	19.32		
1.4	256QAM	6	0	19.30	19.48	19.44	21	3

Band 7 Default Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	22.98	23.05	22.93	24	0
20	QPSK	1	49	22.83	22.90	22.85		
20	QPSK	1	99	22.76	22.85	22.79		
20	QPSK	50	0	22.86	22.97	22.91		
20	QPSK	50	24	22.74	22.80	22.69	24	0
20	QPSK	50	50	22.69	22.69	22.67		
20	QPSK	100	0	22.84	22.90	22.87		
20	16QAM	1	0	22.84	22.86	22.78		
20	16QAM	1	49	22.78	22.78	22.73	24	0
20	16QAM	1	99	22.73	22.79	22.70		
20	16QAM	50	0	22.68	22.81	22.62		
20	16QAM	50	24	22.54	22.64	22.58	23.5	0.5
20	16QAM	50	50	22.58	22.66	22.59		
20	16QAM	100	0	22.64	22.78	22.65		
20

Band 25 Default Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1880	1880	1905		
20	QPSK	1	0	22.60	22.76	22.72		
20	QPSK	1	49	22.49	22.60	22.54	24	0
20	QPSK	1	99	22.36	22.55	22.55		
20	QPSK	50	0	22.50	22.66	22.47		
20	QPSK	50	24	22.39	22.50	22.47	24	0
20	QPSK	50	50	22.39	22.49	22.45		
20	QPSK	100	0	22.49	22.62	22.53		
20	16QAM	1	0	22.42	22.59	22.47		
20	16QAM	1	49	22.36	22.42	22.38	24	0
20	16QAM	1	99	22.39	22.44	22.38		
20	16QAM	50	0	22.37	22.56	22.37		
20	16QAM	50	24	22.40	22.46	22.42	24	0
20	16QAM	50	50	22.34	22.36	22.34		
20	16QAM	100	0	22.47	22.61	22.46		
20	64QAM	1	0	22.39	22.55	22.46		
20	64QAM	1	49	22.35	22.40	22.32	24	0
20	64QAM	1	99	22.28	22.33	22.28		
20	64QAM	50	0	21.45	21.56	21.45		
20	64QAM	50	24	21.36	21.38	21.36	23	1
20	64QAM	50	50	21.26	21.33	21.34		
20	64QAM	100	0	21.59	21.64	21.57		
20	256QAM	1	0	19.51	19.65	19.52		
20	256QAM	1	49	19.43	19.65	19.47	21	3
20	256QAM	1	99	19.44	19.42	19.40		
20	256QAM	50	0	19.45	19.63	19.53		
20	256QAM	50	24	19.38	19.46	19.41	21	3
20	256QAM	50	50	19.42	19.40	19.39		
20	256QAM	100	0	19.44	19.66	19.54		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	22.50	22.69	22.65		
15	QPSK	1	37	22.45	22.55	22.47	24	0
15	QPSK	1	74	22.27	22.48	22.42		
15	QPSK	36	0	22.38	22.62	22.37		
15	QPSK	36	20	22.30	22.37	22.41	24	0
15	QPSK	36	39	22.35	22.43	22.42		
15	QPSK	75	0	22.44	22.55	22.41		
15	16QAM	1	0	22.36	22.51	22.34		
15	16QAM	1	37	22.25	22.39	22.31	24	0
15	16QAM	1	74	22.26	22.36	22.30		
15	16QAM	36	0	22.26	22.53	22.29		
15	16QAM	36	20	22.32	22.33	22.33	24	0
15	16QAM	36	39	22.31	22.30	22.31		
15	16QAM	75	0	22.34	22.58	22.43		
15	64QAM	1	0	22.30	22.42	22.36		
15	64QAM	1	37	22.23	22.37	22.22	24	0
15	64QAM	1	74	22.22	22.24	22.13		
15	64QAM	36	0	21.34	21.52	21.34		
15	64QAM	36	20	21.31	21.25	21.30	23	1
15	64QAM	36	39	21.18	21.18	21.24		
15	64QAM	75	0	21.52	21.58	21.54		
15	256QAM	1	0	19.37	19.53	19.38		
15	256QAM	1	37	19.40	19.61	19.37	21	3
15	256QAM	1	74	19.30	19.38	19.36		
15	256QAM	36	0	19.35	19.53	19.41		
15	256QAM	36	20	19.29	19.43	19.29	21	3
15	256QAM	36	39	19.34	19.35	19.26		
15	256QAM	75	0	19.32	19.53	19.40		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	22.50	22.63	22.58		
10	QPSK	1	25	22.35	22.52	22.44	24	0
10	QPSK	1	49	22.26	22.47	22.47		
10	QPSK	25	0	22.37	22.61	22.43		
10	QPSK	25	12	22.26	22.37	22.40	24	0
10	QPSK	25	25	22.30	22.35	22.38		
10	QPSK	50	0	22.38	22.48	22.43		
10	16QAM	1	0	22.39	22.45	22.36		
10	16QAM	1	25	22.25	22.37	22.29	24	0
10	16QAM	1	49	22.24	22.30	22.33		
10	16QAM	25	0	22.34	22.52	22.28		
10	16QAM	25	12	22.26	22.36	22.38	24	0
10	16QAM	25	25	22.26	22.24	22.29		
10	16QAM	50	0	22.33	22.52	22.34		
10	64QAM	1	0	22.30	22.42	22.33		
10	64QAM	1	25	22.23	22.30	22.21	24	0
10	64QAM	1	49	22.15	22.23	22.14		
10	64QAM	25	0	21.37	21.45	21.35		
10	64QAM	25	12	21.34	21.34	21.29	23	1
10	64QAM	25	25	21.22	21.20	21.25		
10	64QAM	50	0	21.54	21.54	21.44		
10	256QAM	1	0	19.48	19.56	19.43		
10	256QAM	1	25	19.39	19.59	19.44	21	3
10	256QAM	1	49	19.35	19.35	19.35		
10	256QAM	25	0	19.32	19.53	19.48		
10	256QAM	25	12	19.32	19.32	19.33	21	3
10	256QAM	25	25	19.37	19.28	19.25		
10	256QAM	50	0	19.41	19.53	19.47		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	22.50	22.67	22.65		
5	QPSK	1	12	22.42	22.57	22.40	24	0
5	QPSK	1	24	22.25	22.46	22.41		
5	QPSK	12	0	22.45	22.62	22.44		
5	QPSK	12	7	22.30	22.46	22.38	24	0
5	QPSK	12	13	22.26	22.44	22.38		
5	QPSK	25	0	22.45	22.49	22.40		
5	16QAM	1	0	22.29	22.48	22.40		
5	16QAM	1	12	22.32	22.29	22.24	24	0
5	16QAM	1	24	22.28	22.40	22.28		
5	16QAM	12	0	22.24	22.45	22.23		
5	16QAM	12	7	22.33	22.39	22.36	24	0
5	16QAM	12	13	22.26	22.26	22.20		
5	16QAM	25	0	22.36	22.49	22.35		
5	64QAM	1	0	22.32	22.47	22.42		
5	64QAM	1	12	22.28	22.34	22.17	24	0
5	64QAM	1	24	22.14	22.24	22.25		
5	64QAM	12	0	21.34	21.47	21.36		
5	64QAM	12	7	21.28	21.24	21.29	23	1
5	64QAM	12	13	21.12	21.27	21.24		
5	64QAM	25	0	21.46	21.56	21.49		
5	256QAM	1	0	19.47	19.57	19.38		
5	256QAM	1	12	19.38	19.52	19.33	21	3
5	256QAM	1	24	19.31	19.30	19.28		
5	256QAM	12	0	19.37	19.58	19.42		
5	256QAM	12	7	19.32	19.41	19.26	21	3
5	256QAM	12	13	19.38	19.32	19.30		
5	256QAM	25	0	19.31	19.60	19.40		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	22.47	22.65	22.69		
3	QPSK	1	8	22.45	22.55	22.44	24	0
3	QPSK	1	14	22.28	22.45	22.42		
3	QPSK	8	0	22.36	22.61	22.39		
3	QPSK	8	4	22.32	22.43	22.39	24	0
3	QPSK	8	7	22.26	22.39	22.38		
3	QPSK	15	0	22.39	22.49	22.45		
3	16QAM	1	0	22.29	22.47	22.34		
3	16QAM	1	8	22.25	22.35	22.25	24	0
3	16QAM	1	14	22.32	22.40	22.33		
3	16QAM	8	0	22.32	22.42	22.22		
3	16QAM	8	4	22.32	22.39	22.36	24	0
3	16QAM	8	7	22.27	22.31	22.27		
3	16QAM	15	0	22.33	22.58	22.39		
3	64QAM	1	0	22.26	22.49	22.40		
3	64QAM	1	8	22.22	22.25	22.28	24	0
3	64QAM	1	14	22.24	22.27	22.16		
3	64QAM	8	0	21.34	21.46	21.30		
3	64QAM	8	4	21.26	21.29	21.32	23	1
3	64QAM	8	7	21.13	21.22	21.21		
3	64QAM	15	0	21.52	21.50	21.45		
3	256QAM	1	0	19.47	19.54	19.40		
3	256QAM	1	8	19.37	19.61	19.37	21	3
3	256QAM	1	14	19.39	19.30	19.27		
3	256QAM	8	0	19.37	19.53	19.50		
3	256QAM	8	4	19.24	19.41	19.32	21	3
3	256QAM	8	7	19.28	19.32	19.36		
3	256QAM	15	0	19.32	19.62	19.43		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	22.47	22.62	22.69		
1.4	QPSK	1	3	22.41	22.56	22.47		
1.4	QPSK	1	5	22.23	22.44	22.48	24	0
1.4	QPSK	3	0	22.40	22.63	22.41		
1.4	QPSK	3	1	22.29	22.38	22.36		
1.4	QPSK	3	3	22.35	22.43	22.38		
1.4	QPSK	6	0	22.40	22.49	22.48	24	0
1.4	16QAM	1	0	22.37	22.51	22.33		
1.4	16QAM	1	3	22.25	22.36	22.33		
1.4	16QAM	1	5	22.27	22.33	22.24	24	0
1.4	16QAM	3	0	22.26	22.45	22.26		
1.4	16QAM	3	1	22.31	22.38	22.35		
1.4	16QAM	3	3	22.29	22.29	22.24		
1.4	16QAM	6	0	22.41	22.46	22.38	24	0
1.4	64QAM	1	0	22.36	22.42	22.34		
1.4	64QAM	1	3	22.22	22.32	22.19		
1.4	64QAM	1	5	22.23	22.22	22.14	24	0
1.4	64QAM	3	0	22.25	22.32	22.26		
1.4	64QAM	3	1	22.34	22.57	22.38		
1.4	64QAM	3	3	22.28	22.44	22.32		
1.4	64QAM	6	0	21.54	21.51	21.52	23	1
1.4	256QAM	1	0	19.47	19.53	19.45		
1.4	256QAM	1	3	19.40	19.57	19.35		
1.4	256QAM	1	5	19.32	19.38	19.34	21	3
1.4	256QAM	3	0	19.36	19.52	19.48		
1.4	256QAM	3	1	19.34	19.33	19.27		
1.4	256QAM	3	3	19.35	19.31	19.31		
1.4	256QAM	6	0	19.34	19.58	19.40	21	3

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		22.95			
10	QPSK	1	25		22.76		24	0
10	QPSK	1	49		22.77			
10	QPSK	25	0		22.91			
10	QPSK	25	12		22.80		24	0
10	QPSK	25	25		22.69			
10	QPSK	50	0		22.94			
10	16QAM	1	0		22.80			
10	16QAM	1	25		22.61		24	0
10	16QAM	1	49		22.60			
10	16QAM	25	0		22.77			
10	16QAM	25	12		22.96		24	0
10	16QAM	25	25		22.59			
10	16QAM	50	0		22.71			
10	64QAM	1	0		22.79			
10	64QAM	1	25		22.62		24	0
10	64QAM	1	49		22.57			
10	64QAM	25	0		21.81			
10	64QAM	25	12		21.69		23	1
10	64QAM	25	25		21.58			
10	64QAM	50	0		21.67			
10	256QAM	1	0		19.84			
10	256QAM	1	25		19.84		21	3
10	256QAM	1	49		19.70			
10	256QAM	25	0		19.79			
10	256QAM	25	12		19.66		21	3
10	256QAM	25	25		19.57			
10	256QAM	50	0		19.79			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	22.84	22.91	22.87		
5	QPSK	1	12	22.68	22.71	22.72	24	0
5	QPSK	1	24	22.66	22.64	22.68		
5	QPSK	12	0	22.77	22.77	22.81		
5	QPSK	12	7	22.71	22.76	22.70	24	0
5	QPSK	12	13	22.63	22.59	22.64		
5	QPSK	25	0	22.78	22.77	22.78		
5	16QAM	1	0	22.74	22.68	22.66		
5	16QAM	1	12	22.51	22.57	22.46	24	0
5	16QAM	1	24	22.50	22.57	22.49		
5	16QAM	12	0	22.69	22.69	22.62		
5	16QAM	12	7	22.57	22.58	22.52	24	0
5	16QAM	12	13	22.48	22.53	22.55		
5	16QAM	25	0	22.68	22.73	22.74		
5	64QAM	1	0	22.51	22.55	22.47	24	0
5	64QAM	1	24	22.43	22.53	22.42		
5	64QAM	12	0	21.68	21.69	21.69		
5	64QAM	12	7	21.65	21.61	21.64	23	1
5	64QAM	12	13	21.53	21.52	21.43		
5	64QAM	25	0	21.62	21.57	21.63		
5	256QAM	1	0	19.74	19.76	19.75		
5	256QAM	1	12	19.76	19.72	19.75	21	3
5	256QAM	1	24	19.62	19.63	19.64		
5	256QAM	12	0	19.74	19.71	19.64		
5	256QAM	12	7	19.58	19.54	19.58	21	3
5	256QAM	12	13	19.50	19.46	19.47		
5	256QAM	25	0	19.70	19.69	19.67		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	22.72	22.89	22.83		
20	QPSK	1	49	22.69	22.75	22.72	24	0
20	QPSK	1	99	22.59	22.72	22.58		
20	QPSK	50	0	22.66	22.87	22.77		
20	QPSK	50	24	22.63	22.77	22.74	24	0
20	QPSK	50	50	22.58	22.64	22.67		
20	QPSK	100	0	22.70	22.83	22.74		
20	16QAM	1	0	22.64	22.80	22.65		
20	16QAM	1	49	22.64	22.68	22.61	24	0
20	16QAM	1	99	22.51	22.56	22.57		
20	16QAM	50	0	22.57	22.73	22.59		
20	16QAM	50	24	22.53	22.62	22.53	24	0
20	16QAM	50	50	22.47	22.58	22.46		
20	16QAM	100	0	22.50	22.67	22.57		
20	64QAM	1	0	22.47	22.62	22.52		
20	64QAM	1	49	22.39	22.47	22.42	24	0
20	64QAM	1	99	22.38	22.42	22.35		
20	64QAM	50	0	21.46	21.66	21.48		
20	64QAM	50	24	21.46	21.51	21.47	23	1
20	64QAM	50	50	21.37	21.49	21.46		
20	64QAM	100	0	21.67	21.68	21.60		
20	256QAM	1	0	19.58	19.75	19.61		
20	256QAM	1	49	19.57	19.75	19.54	21	3
20	256QAM	1	99	19.47	19.51	19.48		
20	256QAM	50	0	19.58	19.71	19.61		
20	256QAM	50	24	19.56	19.61	19.46	21	3
20	256QAM	50	50	19.46	19.53	19.50		
20	256QAM	100	0	19.45	19.64	19.54		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	22.65	22.84	22.71		
15	QPSK	1	37	22.56	22.68	22.60	24	0
15	QPSK	1	74	22.46	22.68	22.48		
15	QPSK	36	0	22.63	22.80	22.68		
15	QPSK	36	20	22.55	22.67	22.64	24	0
15	QPSK	36	39	22.44	22.58	22.56		
15	QPSK	75	0	22.57	22.75	22.60		
15	16QAM	1	0	22.58	22.76	22.58		
15	16QAM	1	37	22.61	22.54	22.53	24	0
15	16QAM	1	74	22.43	22.50	22.48		
15	16QAM	36	0	22.46	22.61	22.47		
15	16QAM	36	20	22.44	22.58	22.40	24	0
15	16QAM	36	39	22.33	22.47	22.38		
15	16QAM	75	0	22.37	22.61	22.48		
15	64QAM	1	0	22.34	22.55	22.43		
15	64QAM	1	37	22.29	22.41	22.35	24	0
15	64QAM	1	74	22.33	22.29	22.22		
15	64QAM	36	0	21.41	21.62	21.36		
15	64QAM	36	20	21.36	21.39	21.40	23	1
15	64QAM	36	39	21.29	21.40	21.35		
15	64QAM	75	0	21.54	21.62	21.57		
15	256QAM	1	0	19.49	19.67	19.56		
15	256QAM	1	37	19.51	19.71	19.45	21	3
15	256QAM	1	74	19.37	19.37	19.39		
15	256QAM	36	0	19.47	19.62	19.54		
15	256QAM	36	20	19.43	19.54	19.36	21	3
15	256QAM	36	39	19.38	19.48	19.37		
15	256QAM	75	0	19.40	19.50	19.45		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	22.63	22.79	22.74		
10	QPSK	1	25	22.56	22.68	22.58	24	0
10	QPSK	1	49	22.55	22.63	22.43		
10	QPSK	25	0	22.59	22.74	22.64		
10	QPSK	25	12	22.51	22.72	22.69	24	0
10	QPSK	25	25	22.50	22.61	22.62		
10	QPSK	50	0	22.66	22.69	22.68		
10	16QAM	1	0	22.58	22.72	22.50		
10	16QAM	1	25	22.50	22.60	22.50	24	0
10	16QAM	1	49	22.42	22.50	22.45		
10	16QAM	25	0	22.53	22.67	22.53		
10	16QAM	25	12	22.45	22.50	22.43	24	0
10	16QAM	25	25	22.43	22.48	22.37		
10	16QAM	50	0	22.36	22.59	22.44		
10	64QAM	1	0	22.37	22.47	22.40		
10	64QAM	1	25	22.33	22.39	22.38	24	0
10	64QAM	1	49	22.31	22.27	22.28		
10	64QAM	25	0	21.36	21.53	21.38		
10	64QAM	25	12	21.37	21.45	21.35	23	1
10	64QAM	25	25	21.24	21.43	21.33		
10	64QAM	50	0	21.58	21.63	21.53		
10	256QAM	1	0	19.45	19.68	19.49		
10	256QAM	1	25	19.42	19.63	19.44	21	3
10	256QAM	1	49	19.44	19.42	19.37		
10	256QAM	25	0	19.48	19.68	19.49		
10	256QAM	25	12	19.44	19.53	19.42	21	3
10	256QAM	25	25	19.38	19.44	19.41		
10	256QAM	50	0	19.32	19.52	19.42		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	22.67	22.81	22.76		
5	QPSK	1	12	22.57	22.64	22.62	24	0
5	QPSK	1	24	22.52	22.69	22.44		
5	QPSK	12	0	22.61	22.72	22.71		
5	QPSK	12	7	22.50	22.69	22.66	24	0
5	QPSK	12	13	22.43	22.55	22.57		
5	QPSK	25	0	22.59	22.70	22.63		
5	16QAM	1	0	22.55	22.70	22.59		
5	16QAM	1	12	22.60	22.60	22.55	24	0
5	16QAM	1	24	22.42	22.52	22.46		
5	16QAM	12	0	22.52	22.60	22.45		
5	16QAM	12	7	22.49	22.52	22.41	24	0
5	16QAM	12	13	22.33	22.51	22.41		
5	16QAM	25	0	22.45	22.60	22.46		
5	64QAM	1	0	22.44	22.51	22.39		
5	64QAM	1	12	22.33	22.35	22.39	24	0
5	64QAM	1	24	22.29	22.38	22.31		
5	64QAM	12	0	21.31	21.59	21.34		
5	64QAM	12	7	21.40	21.42	21.34	23	1
5	64QAM	12	13	21.26	21.45	21.43		
5	64QAM	25	0	21.55	21.58	21.50		
5	256QAM	1	0	19.52	19.64	19.54		
5	256QAM	1	12	19.43	19.72	19.42	21	3
5	256QAM	1	24	19.43	19.41	19.39		
5	256QAM	12	0	19.51	19.59	19.52		
5	256QAM	12	7	19.50	19.53	19.34	21	3
5	256QAM	12	13	19.40	19.39	19.44		
5	256QAM	25	0	19.37	19.57	19.44		
Channel				131972	132322	132672	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	22.62	22.85	22.70		
3	QPSK	1	8	22.65	22.66	22.58	24	0
3	QPSK	1	14	22.53	22.59	22.54		
3	QPSK	8	0	22.55	22.76	22.65		
3	QPSK	8	4	22.58	22.62	22.60	24	0
3	QPSK	8	7	22.52	22.56	22.58		
3	QPSK	15	0	22.55	22.74	22.68		
3	16QAM	1	0	22.61	22.69	22.61		
3	16QAM	1	8	22.61	22.60	22.54	24	0
3	16QAM	1	14	22.36	22.45	22.50		
3	16QAM	8	0	22.44	22.63	22.47		
3	16QAM	8	4	22.46	22.49	22.48	24	0
3	16QAM	8	7	22.38	22.50	22.42		
3	16QAM	15	0	22.36	22.63	22.48		
3	64QAM	1	0	22.43	22.53	22.42		
3	64QAM	1	8	22.35	22.36	22.30	24	0
3	64QAM	1	14	22.34	22.35	22.31		
3	64QAM	8	0	21.42	21.59	21.38		
3	64QAM	8	4	21.41	21.36	21.34	23	1
3	64QAM	8	7	21.25	21.34	21.37		
3	64QAM	15	0	21.55	21.59	21.48		
3	256QAM	1	0	19.54	19.67	19.54		
3	256QAM	1	8	19.51	19.66	19.41	21	3
3	256QAM	1	14	19.33	19.38	19.36

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2590	2610		
20	QPSK	1	0	23.49	23.57	23.53	24	0
20	QPSK	1	49	23.37	23.45	23.30		
20	QPSK	1	99	23.28	23.33	23.35		
20	QPSK	50	0	23.32	23.52	23.38		
20	QPSK	50	24	23.25	23.36	23.36		
20	QPSK	50	50	23.21	23.30	23.24		
20	QPSK	100	0	23.24	23.45	23.36		
20	16QAM	1	0	23.16	23.37	23.21		
20	16QAM	1	49	23.14	23.24	23.23	24	0
20	16QAM	1	99	23.09	23.24	23.13		
20	16QAM	50	0	22.77	22.98	22.86		
20	16QAM	50	24	22.82	22.87	22.74	23.5	0.5
20	16QAM	50	50	22.73	22.74	22.71		
20	16QAM	100	0	22.99	23.10	22.90		
20	64QAM	1	0	22.79	22.97	22.88		
20	64QAM	1	49	22.77	22.87	22.81	23.5	0.5
20	64QAM	1	99	22.66	22.75	22.67		
20	64QAM	50	0	21.80	22.01	21.90		
20	64QAM	50	24	21.82	21.90	21.80	22.5	1.5
20	64QAM	50	50	21.72	21.86	21.78		
20	64QAM	100	0	21.97	22.01	21.91		
20	256QAM	1	0	19.81	20.02	19.87		
20	256QAM	1	49	19.81	20.02	19.85	20.5	3.5
20	256QAM	1	99	19.80	19.77	19.75		
20	256QAM	50	0	19.89	20.04	19.86		
20	256QAM	50	24	19.89	19.85	19.91	20.5	3.5
20	256QAM	50	50	19.82	19.85	19.77		
20	256QAM	100	0	20.01	20.13	19.99		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2590	2612.5		
15	QPSK	1	0	23.38	23.51	23.39	24	0
15	QPSK	1	37	23.24	23.38	23.25		
15	QPSK	1	74	23.14	23.18	23.32		
15	QPSK	36	0	23.25	23.46	23.23		
15	QPSK	36	20	23.14	23.26	23.23	24	0
15	QPSK	36	39	23.17	23.24	23.14		
15	QPSK	75	0	23.14	23.31	23.24		
15	16QAM	1	0	23.02	23.33	23.08		
15	16QAM	1	37	23.07	23.13	23.09	24	0
15	16QAM	1	74	23.06	23.17	22.99		
15	16QAM	36	0	22.72	22.84	22.72		
15	16QAM	36	20	22.71	22.77	22.62	23.5	0.5
15	16QAM	36	39	22.60	22.70	22.62		
15	16QAM	75	0	22.86	23.06	22.85		
15	64QAM	1	0	22.71	22.92	22.79		
15	64QAM	1	37	22.71	22.74	22.74	23.5	0.5
15	64QAM	1	74	22.62	22.71	22.53		
15	64QAM	36	0	21.75	21.97	21.84		
15	64QAM	36	20	21.67	21.81	21.67	22.5	1.5
15	64QAM	36	39	21.64	21.71	21.73		
15	64QAM	75	0	21.83	21.95	21.76		
15	256QAM	1	0	19.75	19.95	19.75		
15	256QAM	1	37	19.69	19.90	19.74	20.5	3.5
15	256QAM	1	74	19.69	19.63	19.68		
15	256QAM	36	0	19.80	19.99	19.76		
15	256QAM	36	20	19.82	19.73	19.76	20.5	3.5
15	256QAM	36	39	19.77	19.77	19.66		
15	256QAM	75	0	19.93	20.09	19.85		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2590	2615		
10	QPSK	1	0	23.40	23.49	23.41	24	0
10	QPSK	1	25	23.28	23.33	23.20		
10	QPSK	1	49	23.13	23.21	23.27		
10	QPSK	25	0	23.20	23.49	23.33		
10	QPSK	25	12	23.17	23.25	23.25	24	0
10	QPSK	25	25	23.16	23.24	23.13		
10	QPSK	50	0	23.10	23.33	23.30		
10	16QAM	1	0	23.06	23.33	23.16		
10	16QAM	1	25	23.07	23.16	23.14	24	0
10	16QAM	1	49	23.00	23.18	23.02		
10	16QAM	25	0	22.64	22.88	22.79		
10	16QAM	25	12	22.68	22.77	22.71	23.5	0.5
10	16QAM	25	25	22.60	22.64	22.60		
10	16QAM	50	0	22.91	23.07	22.77		
10	64QAM	1	0	22.69	22.93	22.80		
10	64QAM	1	25	22.62	22.73	22.72	23.5	0.5
10	64QAM	1	49	22.59	22.67	22.53		
10	64QAM	25	0	21.70	21.91	21.85		
10	64QAM	25	12	21.78	21.81	21.67	22.5	1.5
10	64QAM	25	25	21.64	21.75	21.64		
10	64QAM	50	0	21.86	21.91	21.88		
10	256QAM	1	0	19.73	19.91	19.75		
10	256QAM	1	25	19.74	19.88	19.72	20.5	3.5
10	256QAM	1	49	19.67	19.64	19.70		
10	256QAM	25	0	19.76	19.95	19.73		
10	256QAM	25	12	19.85	19.70	19.82	20.5	3.5
10	256QAM	25	25	19.78	19.81	19.66		
10	256QAM	50	0	19.94	20.05	19.85		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2590	2617.5		
5	QPSK	1	0	23.36	23.48	23.47	24	0
5	QPSK	1	12	23.23	23.35	23.31		
5	QPSK	1	24	23.22	23.24	23.29		
5	QPSK	12	0	23.23	23.42	23.24		
5	QPSK	12	7	23.11	23.25	23.30	24	0
5	QPSK	12	13	23.09	23.21	23.10		
5	QPSK	25	0	23.09	23.40	23.26		
5	16QAM	1	0	23.02	23.28	23.17		
5	16QAM	1	12	23.06	23.11	23.10	24	0
5	16QAM	1	24	23.00	23.15	23.00		
5	16QAM	12	0	22.68	22.94	22.74		
5	16QAM	12	7	22.69	22.77	22.61	23.5	0.5
5	16QAM	12	13	22.70	22.68	22.66		
5	16QAM	25	0	22.95	23.03	22.78		
5	64QAM	1	0	22.67	22.87	22.74		
5	64QAM	1	12	22.65	22.80	22.76	23.5	0.5
5	64QAM	1	24	22.59	22.70	22.53		
5	64QAM	12	0	21.71	21.91	21.78		
5	64QAM	12	7	21.71	21.80	21.66	22.5	1.5
5	64QAM	12	13	21.59	21.78	21.73		
5	64QAM	25	0	21.85	21.96	21.78		
5	256QAM	1	0	19.67	19.99	19.81		
5	256QAM	1	12	19.68	19.93	19.77	20.5	3.5
5	256QAM	1	24	19.69	19.67	19.62		
5	256QAM	12	0	19.80	19.91	19.73		
5	256QAM	12	7	19.75	19.76	19.84	20.5	3.5
5	256QAM	12	13	19.79	19.76	19.70		
5	256QAM	25	0	19.88	20.05	19.88		

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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)				2538	2549.5	2593	2636.5	2680		
20	QPSK	1	0	23.43	23.48	23.55	23.36	23.41	24	0
20	QPSK	1	49	23.34	23.31	23.45	23.27	23.31		
20	QPSK	1	99	23.31	23.28	23.35	23.20	23.28		
20	QPSK	50	0	22.51	22.43	22.56	22.37	22.45		
20	QPSK	50	24	22.36	22.33	22.44	22.41	22.37	23	1
20	QPSK	50	50	22.32	22.35	22.37	22.32	22.32		
20	QPSK	100	0	22.43	22.36	22.53	22.33	22.49		
20	16QAM	1	0	22.62	22.73	22.86	22.77	22.83		
20	16QAM	1	49	22.63	22.65	22.69	22.61	22.60	23	1
20	16QAM	1	99	22.63	22.58	22.72	22.64	22.64		
20	16QAM	50	0	21.57	21.51	21.65	21.51	21.52		
20	16QAM	50	24	21.39	21.40	21.45	21.46	21.32	22	2
20	16QAM	50	50	21.35	21.41	21.48	21.38	21.37		
20	16QAM	100	0	21.56	21.57	21.67	21.52	21.64		
20	64QAM	1	0	21.63	21.55	21.66	21.59	21.65		
20	64QAM	1	49	21.50	21.50	21.57	21.53	21.55	22	2
20	64QAM	1	99	21.44	21.46	21.58	21.36	21.50		
20	64QAM	50	0	20.84	20.70	20.86	20.77	20.73		
20	64QAM	50	24	20.58	20.60	20.76	20.62	20.60	21	3
20	64QAM	50	50	20.64	20.60	20.71	20.72	20.57		
20	64QAM	100	0	20.67	20.71	20.81	20.66	20.69		
20	256QAM	1	0	18.42	18.31	18.52	18.40	18.47		
20	256QAM	1	49	18.38	18.35	18.52	18.31	18.41	19	5
20	256QAM	1	99	18.22	18.31	18.28	18.31	18.14		
20	256QAM	50	0	18.61	18.48	18.66	18.50	18.54		
20	256QAM	50	24	18.41	18.46	18.51	18.43	18.36	19	5
20	256QAM	50	50	18.43	18.35	18.49	18.38	18.42		
20	256QAM	100	0	18.57	18.50	18.66	18.54	18.62		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	23.33	23.45	23.51	23.24	23.36	24.00	0
15	QPSK	1	37	23.30	23.19	23.40	23.15	23.18		
15	QPSK	1	74	23.20	23.17	23.30	23.16	23.25		
15	QPSK	36	0	22.42	22.38	22.49	22.29	22.35		
15	QPSK	36	20	22.30	22.30	22.39	22.27	22.27	23	1
15	QPSK	36	39	22.19	22.30	22.25	22.25	22.25		
15	QPSK	75	0	22.39	22.25	22.50	22.29	22.37		
15	16QAM	1	0	22.78	22.63	22.74	22.67	22.75		
15	16QAM	1	37	22.54	22.60	22.57	22.52	22.48	23	1
15	16QAM	1	74	22.59	22.51	22.64	22.54	22.50		
15	16QAM	36	0	21.50	21.44	21.54	21.40	21.39		
15	16QAM	36	20	21.27	21.36	21.33	21.40	21.19	22	2
15	16QAM	36	39	21.22	21.35	21.33	21.23	21.29		
15	16QAM	75	0	21.53	21.51	21.53	21.41	21.50		
15	64QAM	1	0	21.55	21.40	21.52	21.55	21.59		
15	64QAM	1	37	21.45	21.35	21.44	21.40	21.50	22	2
15	64QAM	1	74	21.29	21.37	21.43	21.29	21.41		
15	64QAM	36	0	20.71	20.66	20.73	20.66	20.67		
15	64QAM	36	20	20.53	20.55	20.67	20.59	20.48	21	3
15	64QAM	36	39	20.60	20.50	20.59	20.64	20.51		
15	64QAM	75	0	20.64	20.57	20.76	20.59	20.58		
15	256QAM	1	0	18.32	18.18	18.40	18.26	18.34		
15	256QAM	1	37	18.24	18.20	18.41	18.16	18.35	19	5
15	256QAM	1	74	18.11	18.20	18.25	18.25	18.11		
15	256QAM	36	0	18.56	18.38	18.56	18.45	18.43		
15	256QAM	36	20	18.37	18.32	18.42	18.30	18.22	19	5
15	256QAM	36	39	18.28	18.23	18.37	18.24	18.30		
15	256QAM	75	0	18.45	18.45	18.53	18.43	18.56		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	23.39	23.44	23.47	23.31	23.26	24.00	0
10	QPSK	1	25	23.20	23.21	23.37	23.20	23.21		
10	QPSK	1	49	23.18	23.23	23.27	23.10	23.18		
10	QPSK	25	0	22.41	22.34	22.45	22.24	22.41		
10	QPSK	25	12	22.30	22.20	22.40	22.33	22.27	23	1
10	QPSK	25	25	22.27	22.21	22.28	22.22	22.28		
10	QPSK	50	0	22.35	22.23	22.46	22.22	22.42		
10	16QAM	1	0	22.78	22.61	22.75	22.65	22.77		
10	16QAM	1	25	22.57	22.60	22.61	22.58	22.47	23	1
10	16QAM	1	49	22.50	22.46	22.69	22.60	22.60		
10	16QAM	25	0	21.51	21.39	21.52	21.42	21.41		
10	16QAM	25	12	21.33	21.36	21.31	21.37	21.18	22	2
10	16QAM	25	25	21.27	21.32	21.37	21.25	21.22		
10	16QAM	50	0	21.51	21.50	21.60	21.45	21.49		
10	64QAM	1	0	21.57	21.40	21.52	21.45	21.59		
10	64QAM	1	25	21.45	21.42	21.42	21.43	21.50	22	2
10	64QAM	1	49	21.37	21.35	21.49	21.24	21.38		
10	64QAM	25	0	20.76	20.60	20.83	20.71	20.65		
10	64QAM	25	12	20.47	20.56	20.67	20.58	20.57	21	3
10	64QAM	25	25	20.53	20.49	20.59	20.60	20.54		
10	64QAM	50	0	20.58	20.63	20.69	20.54	20.56		
10	256QAM	1	0	18.35	18.27	18.38	18.36	18.35		
10	256QAM	1	25	18.26	18.23	18.46	18.26	18.30	19	5
10	256QAM	1	49	18.08	18.21	18.23	18.24	18.03		
10	256QAM	25	0	18.55	18.38	18.55	18.44	18.50		
10	256QAM	25	12	18.32	18.42	18.37	18.39	18.29	19	5
10	256QAM	25	25	18.30	18.31	18.41	18.25	18.36		
10	256QAM	50	0	18.52	18.39	18.62	18.45	18.58		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	23.40	23.36	23.42	23.29	23.33	24.00	0
5	QPSK	1	12	23.22	23.23	23.35	23.14	23.20		
5	QPSK	1	24	23.17	23.17	23.29	23.12	23.19		
5	QPSK	12	0	22.43	22.38	22.50	22.30	22.37		
5	QPSK	12	7	22.24	22.29	22.35	22.27	22.31	23	1
5	QPSK	12	13	22.25	22.29	22.30	22.25	22.21		
5	QPSK	25	0	22.37	22.30	22.46	22.27	22.40		
5	16QAM	1	0	22.76	22.63	22.72	22.74	22.72		
5	16QAM	1	12	22.54	22.60	22.63	22.46	22.55	23	1
5	16QAM	1	24	22.51	22.47	22.65	22.51	22.58		
5	16QAM	12	0	21.47	21.42	21.53	21.42	21.38		
5	16QAM	12	7	21.27	21.33	21.40	21.41	21.24	22	2
5	16QAM	12	13	21.20	21.33	21.36	21.26	21.31		
5	16QAM	25	0	21.44	21.45	21.55	21.44	21.51		
5	64QAM	1	0	21.48	21.44	21.55	21.53	21.55		
5	64QAM	1	12	21.39	21.38	21.48	21.43	21.41	22	2
5	64QAM	1	24	21.41	21.40	21.55	21.27	21.39		
5	64QAM	12	0	20.80	20.59	20.74	20.73	20.60		
5	64QAM	12	7	20.49	20.54	20.68	20.54	20.46	21	3
5	64QAM	12	13	20.49	20.51	20.57	20.65	20.45		
5	64QAM	25	0	20.59	20.59	20.76	20.57	20.60		
5	256QAM	1	0	18.36	18.24	18.40	18.27	18.44		
5	256QAM	1	12	18.26	18.24	18.46	18.21	18.30	19	5
5	256QAM	1	24	18.10	18.27	18.25	18.19	18.00		
5	256QAM	12	0	18.55	18.38	18.60	18.38	18.50		
5	256QAM	12	7	18.27	18.37	18.44	18.31	18.24	19	5
5	256QAM	12	13	18.33	18.21	18.38	18.34	18.35		
5	256QAM	25	0	18.47	18.38	18.54	18.49	18.48		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	25.79	25.82	26.03	25.83	25.73	26.5	0
20	QPSK	1	49	25.72	25.64	25.85	25.75	25.67		
20	QPSK	1	99	25.69	25.66	25.90	25.80	25.64		
20	QPSK	50	0	25.50	25.54	25.71	25.59	25.47	26.5	0
20	QPSK	50	24	25.41	25.45	25.54	25.52	25.38		
20	QPSK	50	50	25.38	25.40	25.55	25.42	25.32		
20	QPSK	100	0	25.37	25.49	25.64	25.50	25.35		
20	16QAM	1	0	25.69	25.75	25.94	25.83	25.72	26.5	0
20	16QAM	1	49	25.65	25.72	25.85	25.70	25.60		
20	16QAM	1	99	25.58	25.69	25.74	25.70	25.56		
20	16QAM	50	0	25.49	25.55	25.72	25.58	25.54	26.5	0
20	16QAM	50	24	25.42	25.50	25.61	25.47	25.41		
20	16QAM	50	50	25.41	25.47	25.55	25.46	25.39		
20	16QAM	100	0	25.45	25.52	25.74	25.55	25.50		
20	64QAM	1	0	25.57	25.65	25.84	25.65	25.55	26.5	0
20	64QAM	1	49	25.61	25.66	25.75	25.65	25.59		
20	64QAM	1	99	25.45	25.62	25.63	25.57	25.44		
20	64QAM	50	0	24.51	24.64	24.75	24.64	24.55	25.5	1
20	64QAM	50	24	24.50	24.55	24.65	24.56	24.45		
20	64QAM	50	50	24.32	24.44	24.55	24.47	24.37		
20	64QAM	100	0	24.52	24.65	24.67	24.56	24.45		
20	256QAM	1	0	21.73	21.82	21.93	21.79	21.73	22.5	4
20	256QAM	1	49	21.72	21.74	21.93	21.78	21.71		
20	256QAM	1	99	21.56	21.67	21.71	21.71	21.67		
20	256QAM	50	0	21.61	21.62	21.75	21.65	21.57	22.5	4
20	256QAM	50	24	21.55	21.58	21.56	21.62	21.59		
20	256QAM	50	50	21.41	21.54	21.61	21.52	21.39		
20	256QAM	100	0	21.52	21.69	21.80	21.60	21.50		
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	25.74	25.73	25.99	25.75	25.59	27	0
15	QPSK	1	37	25.62	25.58	25.72	25.70	25.54		
15	QPSK	1	74	25.64	25.55	25.84	25.70	25.54		
15	QPSK	36	0	25.35	25.42	25.61	25.47	25.43	26.5	0
15	QPSK	36	20	25.32	25.34	25.43	25.38	25.29		
15	QPSK	36	39	25.35	25.28	25.43	25.32	25.24		
15	QPSK	75	0	25.29	25.43	25.61	25.42	25.20		
15	16QAM	1	0	25.56	25.62	25.81	25.77	25.68	26.5	0
15	16QAM	1	37	25.51	25.65	25.79	25.66	25.54		
15	16QAM	1	74	25.53	25.58	25.64	25.63	25.44		
15	16QAM	36	0	25.45	25.51	25.59	25.47	25.45	26.5	0
15	16QAM	36	20	25.28	25.42	25.56	25.41	25.26		
15	16QAM	36	39	25.31	25.40	25.44	25.34	25.27		
15	16QAM	75	0	25.37	25.43	25.68	25.43	25.39		
15	64QAM	1	0	25.54	25.58	25.78	25.57	25.47	26.5	0
15	64QAM	1	37	25.57	25.61	25.66	25.60	25.53		
15	64QAM	1	74	25.31	25.48	25.49	25.53	25.37		
15	64QAM	36	0	24.42	24.53	24.62	24.52	24.43	25.5	1
15	64QAM	36	20	24.38	24.47	24.61	24.42	24.41		
15	64QAM	36	39	24.18	24.41	24.41	24.40	24.22		
15	64QAM	75	0	24.44	24.52	24.57	24.51	24.41		
15	256QAM	1	0	21.63	21.70	21.81	21.66	21.62	22.5	4
15	256QAM	1	37	21.65	21.62	21.84	21.75	21.64		
15	256QAM	1	74	21.50	21.59	21.68	21.66	21.56		
15	256QAM	36	0	21.47	21.50	21.67	21.61	21.43	22.5	4
15	256QAM	36	20	21.44	21.55	21.48	21.56	21.55		
15	256QAM	36	39	21.33	21.40	21.57	21.43	21.33		
15	256QAM	75	0	21.38	21.58	21.72	21.51	21.45		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	25.68	25.78	25.93	25.74	25.61	27	0
10	QPSK	1	25	25.64	25.53	25.82	25.62	25.55		
10	QPSK	1	49	25.65	25.62	25.84	25.72	25.54		
10	QPSK	25	0	25.41	25.43	25.59	25.45	25.34	26.5	0
10	QPSK	25	12	25.31	25.36	25.43	25.44	25.34		
10	QPSK	25	25	25.29	25.37	25.43	25.28	25.20		
10	QPSK	50	0	25.30	25.35	25.57	25.44	25.29		
10	16QAM	1	0	25.59	25.60	25.90	25.72	25.61	26.5	0
10	16QAM	1	25	25.59	25.57	25.80	25.67	25.52		
10	16QAM	1	49	25.48	25.57	25.66	25.61	25.51		
10	16QAM	25	0	25.44	25.40	25.61	25.48	25.44	26.5	0
10	16QAM	25	12	25.37	25.46	25.55	25.40	25.29		
10	16QAM	25	25	25.28	25.39	25.41	25.37	25.35		
10	16QAM	50	0	25.41	25.44	25.62	25.47	25.46		
10	64QAM	1	0	25.43	25.55	25.74	25.59	25.49	26.5	0
10	64QAM	1	25	25.57	25.58	25.65	25.55	25.55		
10	64QAM	1	49	25.34	25.53	25.53	25.50	25.37		
10	64QAM	25	0	24.38	24.57	24.68	24.50	24.49	25.5	1
10	64QAM	25	12	24.44	24.52	24.62	24.53	24.32		
10	64QAM	25	25	24.22	24.30	24.49	24.40	24.32		
10	64QAM	50	0	24.45	24.55	24.54	24.52	24.35		
10	256QAM	1	0	21.63	21.79	21.84	21.66	21.64	22.5	4
10	256QAM	1	25	21.65	21.63	21.86	21.64	21.64		
10	256QAM	1	49	21.49	21.55	21.62	21.65	21.55		
10	256QAM	25	0	21.57	21.51	21.67	21.61	21.53	22.5	4
10	256QAM	25	12	21.43	21.53	21.46	21.57	21.52		
10	256QAM	25	25	21.35	21.47	21.55	21.45	21.31		
10	256QAM	50	0	21.44	21.55	21.77	21.50	21.47		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	25.70	25.67	25.90	25.74	25.60	27	0
5	QPSK	1	12	25.69	25.59	25.81	25.72	25.58		
5	QPSK	1	24	25.65	25.60	25.85	25.77	25.55		
5	QPSK	12	0	25.44	25.42	25.60	25.49	25.40	26.5	0
5	QPSK	12	7	25.34	25.35	25.49	25.43	25.33		
5	QPSK	12	13	25.25	25.34	25.49	25.39	25.25		
5	QPSK	25	0	25.28	25.44	25.49	25.39	25.27		
5	16QAM	1	0	25.59	25.66	25.81	25.76	25.61	26.5	0
5	16QAM	1	12	25.56	25.69	25.79	25.61	25.51		
5	16QAM	1	24	25.43	25.61	25.69	25.59	25.46		
5	16QAM	12	0	25.36	25.47	25.62	25.48	25.41	26.5	0
5	16QAM	12	7	25.35	25.38	25.49	25.33	25.37		
5	16QAM	12	13	25.32	25.35	25.44	25.37	25.33		
5	16QAM	25	0	25.31	25.38	25.69	25.46	25.41		
5	64QAM	1	0	25.53	25.62	25.73	25.52	25.45	26.5	0
5	64QAM	1	12	25.57	25.53	25.64	25.61	25.53		
5	64QAM	1	24	25.30	25.54	25.58	25.52	25.32		
5	64QAM	12	0	24.45	24.55	24.62	24.59	24.43	25.5	1
5	64QAM	12	7	24.40	24.50	24.57	24.49	24.41		
5	64QAM	12	13	24.27	24.30	24.46	24.39	24.23		
5	64QAM	25	0	24.43	24.53	24.56	24.50	24.36		
5	256QAM	1	0	21.66	21.76	21.84	21.71	21.69	22.5	4
5	256QAM	1	12	21.64	21.60	21.82	21.64	21.63		
5	256QAM	1	24	21.48	21.57	21.59	21.62	21.62		
5	256QAM	12	0	21.47	21.51	21.70	21.54	21.43	22.5	4
5	256QAM	12	7	21.44	21.49	21.42	21.49	21.56		
5	256QAM	12	13	21.34	21.44	21.58	21.38	21.35		
5	256QAM	25	0	21.39	21.58	21.77	21.50	21.36		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	19.78	19.90	19.84	19.80	21.1	0
20	QPSK	1	49	19.80	19.81	19.73	19.61		
20	QPSK	1	99	19.61	19.79	19.73	19.65		
20	QPSK	50	0	19.67	19.86	19.73	19.76	21.1	0
20	QPSK	50	24	19.63	19.74	19.67	19.67		
20	QPSK	50	50	19.52	19.70	19.61	19.60		
20	QPSK	100	0	19.44	19.83	19.59	19.60		
20	16QAM	1	0	19.60	19.84	19.66	19.76	21.1	0
20	16QAM	1	49	19.50	19.67	19.61	19.67		
20	16QAM	1	99	19.60	19.66	19.69	19.56		
20	16QAM	50	0	19.68	19.84	19.71	19.67	21.1	0
20	16QAM	50	24	19.55	19.69	19.66	19.63		
20	16QAM	50	50	19.56	19.68	19.57	19.43		
20	16QAM	100	0	19.46	19.80	19.60	19.65		
20	64QAM	1	0	19.53	19.74	19.64	19.79	21.1	0
20	64QAM	1	49	19.60	19.69	19.74	19.58		
20	64QAM	1	99	19.47	19.58	19.51	19.42		
20	64QAM	50	0	19.49	19.84	19.66	19.64	21.1	0
20	64QAM	50	24	19.60	19.72	19.65	19.43		
20	64QAM	50	50	19.50	19.62	19.57	19.48		
20	64QAM	100	0	19.58	19.68	19.68	19.53		
20	256QAM	1	0	19.41	19.67	19.39	19.48	21	0.1
20	256QAM	1	49	19.29	19.66	19.36	19.48		
20	256QAM	1	99	19.31	19.41	19.47	19.45		
20	256QAM	50	0	19.45	19.66	19.59	19.65	21	0.1
20	256QAM	50	24	19.39	19.64	19.60	19.51		
20	256QAM	50	50	19.36	19.64	19.50	19.56		
20	256QAM	100	0	19.41	19.73	19.68	19.61		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	19.69	19.87	19.74	19.66	21.1	0
15	QPSK	1	37	19.76	19.69	19.69	19.53		
15	QPSK	1	74	19.52	19.65	19.65	19.54		
15	QPSK	36	0	19.58	19.82	19.61	19.65	21.1	0
15	QPSK	36	20	19.51	19.63	19.58	19.63		
15	QPSK	36	39	19.48	19.56	19.48	19.47		
15	QPSK	75	0	19.38	19.79	19.46	19.54		
15	16QAM	1	0	19.50	19.76	19.59	19.65	21.1	0
15	16QAM	1	37	19.39	19.56	19.48	19.57		
15	16QAM	1	74	19.55	19.60	19.55	19.50		
15	16QAM	36	0	19.55	19.75	19.59	19.54	21.1	0
15	16QAM	36	20	19.45	19.65	19.59	19.49		
15	16QAM	36	39	19.50	19.64	19.50	19.33		
15	16QAM	75	0	19.36	19.67	19.50	19.57		
15	64QAM	1	0	19.46	19.63	19.53	19.75	21.1	0
15	64QAM	1	37	19.48	19.55	19.65	19.55		
15	64QAM	1	74	19.40	19.54	19.39	19.38		
15	64QAM	36	0	19.41	19.79	19.59	19.61	21.1	0
15	64QAM	36	20	19.47	19.64	19.59	19.30		
15	64QAM	36	39	19.45	19.50	19.53	19.39		
15	64QAM	75	0	19.49	19.54	19.57	19.47		
15	256QAM	1	0	19.44	19.56	19.32	19.47	21	0.1
15	256QAM	1	37	19.23	19.42	19.48	19.44		
15	256QAM	1	74	19.16	19.48	19.33	19.31		
15	256QAM	36	0	19.43	19.73	19.54	19.48	21	0.1
15	256QAM	36	20	19.25	19.65	19.36	19.35		
15	256QAM	36	39	19.32	19.52	19.46	19.43		
15	256QAM	75	0	19.37	19.65	19.53	19.60		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3556	3607.5	3642.5	3695		
10	QPSK	1	0	19.64	19.84	19.69	19.74	21.1	0
10	QPSK	1	25	19.72	19.70	19.61	19.48		
10	QPSK	1	49	19.52	19.65	19.62	19.52		
10	QPSK	25	0	19.64	19.76	19.70	19.64	21.1	0
10	QPSK	25	12	19.51	19.63	19.53	19.59		
10	QPSK	25	25	19.40	19.65	19.51	19.56		
10	QPSK	50	0	19.32	19.71	19.53	19.51		
10	16QAM	1	0	19.53	19.70	19.61	19.70	21.1	0
10	16QAM	1	25	19.35	19.53	19.49	19.54		
10	16QAM	1	49	19.53	19.56	19.60	19.49		
10	16QAM	25	0	19.64	19.78	19.60	19.62	21.1	0
10	16QAM	25	12	19.46	19.60	19.60	19.55		
10	16QAM	25	25	19.42	19.56	19.52	19.38		
10	16QAM	50	0	19.33	19.73	19.53	19.59		
10	64QAM	1	0	19.44	19.60	19.52	19.70	21.1	0
10	64QAM	1	25	19.54	19.61	19.69	19.50		
10	64QAM	1	49	19.33	19.44	19.40	19.39		
10	64QAM	25	0	19.36	19.69	19.58	19.60	21.1	0
10	64QAM	25	12	19.50	19.67	19.57	19.32		
10	64QAM	25	25	19.46	19.52	19.52	19.36		
10	64QAM	50	0	19.43	19.64	19.56	19.38		
10	256QAM	1	0	19.29	19.62	19.43	19.33	21	0.1
10	256QAM	1	25	19.30	19.66	19.44	19.41		
10	256QAM	1	49	19.24	19.44	19.41	19.39		
10	256QAM	25	0	19.28	19.66	19.41	19.49	21	0.1
10	256QAM	25	12	19.42	19.54	19.53	19.39		
10	256QAM	25	25	19.31	19.51	19.39	19.39		
10	256QAM	50	0	19.40	19.76	19.62	19.45		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	19.66	19.80	19.78	19.74	21.1	0
5	QPSK	1	12	19.73	19.76	19.64	19.56		
5	QPSK	1	24	19.51	19.71	19.58	19.58		
5	QPSK	12	0	19.53	19.79	19.62	19.69	21.1	0
5	QPSK	12	7	19.50	19.71	19.59	19.56		
5	QPSK	12	13	19.47	19.64	19.47	19.52		
5	QPSK	25	0	19.39	19.73	19.45	19.49		
5	16QAM	1	0	19.46	19.70	19.63	19.69	21.1	0
5	16QAM	1	12	19.39	19.62	19.47	19.53		
5	16QAM	1	24	19.47	19.53	19.63	19.51		
5	16QAM	12	0	19.57	19.80	19.61	19.60	21.1	0
5	16QAM	12	7	19.40	19.58	19.58	19.48		
5	16QAM	12	13	19.49	19.61	19.49	19.38		
5	16QAM	25	0	19.31	19.71	19.53	19.57		
5	64QAM	1	0	19.45	19.67	19.50	19.74	21.1	0
5	64QAM	1	12	19.51	19.60	19.66	19.51		
5	64QAM	1	24	19.35	19.49	19.42	19.36		
5	64QAM	12	0	19.43	19.77	19.57	19.53	21.1	0
5	64QAM	12	7	19.50	19.64	19.54	19.36		
5	64QAM	12	13	19.35	19.51	19.49	19.43		
5	64QAM	25	0	19.51	19.62	19.58	19.43		
5	256QAM	1	0	19.41	19.41	19.46	19.54	21	0.1
5	256QAM	1	12	19.36	19.58	19.40	19.40		
5	256QAM	1	24	19.15	19.40	19.41	19.26		
5	256QAM	12	0	19.50	19.70	19.49	19.68	21	0.1
5	256QAM	12	7	19.23	19.43	19.46	19.29		
5	256QAM	12	13	19.26	19.49	19.46	19.56		
5	256QAM	25	0	19.33	19.71	19.50	19.64		

Reduced Power Mode for DSI5-Simultaneous

S/N:	GSM850 Ant0	Default							
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		32.90	32.97	32.94	33.50	23.90	23.97	23.94	24.50
GPRS 1 Tx slot		32.83	32.94	32.91	33.50	23.83	23.94	23.91	24.50
GPRS 2 Tx slots		29.30	29.41	29.26	30.50	23.30	23.41	23.26	24.50
GPRS 3 Tx slots		28.91	28.98	28.86	30.00	24.65	24.72	24.60	25.74
GPRS 4 Tx slots		26.41	26.47	26.40	27.50	23.41	23.47	23.40	24.50
EDGE 1 Tx slot		25.42	25.46	25.37	26.50	16.42	16.46	16.37	17.50
EDGE 2 Tx slots		23.77	23.89	23.79	25.00	17.77	17.89	17.79	19.00
EDGE 3 Tx slots		22.66	22.69	22.62	23.50	18.40	18.43	18.36	19.24
EDGE 4 Tx slots		20.59	20.63	20.60	21.50	17.59	17.63	17.60	18.50

GSM1900 Ant0		Default							
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		27.61	27.66	27.57	28.50	18.61	18.66	18.57	19.50
GPRS 1 Tx slot		27.54	27.63	27.58	28.50	18.54	18.63	18.58	19.50
GPRS 2 Tx slots		24.84	24.94	24.83	26.00	18.84	18.94	18.83	20.00
GPRS 3 Tx slots		23.33	23.39	23.33	24.50	19.07	19.13	19.07	20.24
GPRS 4 Tx slots		20.70	20.75	20.68	21.50	17.70	17.75	17.68	18.50
EDGE 1 Tx slot		22.79	22.87	22.73	23.50	13.79	13.87	13.73	14.50
EDGE 2 Tx slots		21.09	21.19	21.11	22.00	15.09	15.19	15.11	16.00
EDGE 3 Tx slots		20.07	20.12	20.04	21.00	15.81	15.86	15.78	16.74
EDGE 4 Tx slots		17.96	18.09	18.04	19.00	14.96	15.09	15.04	16.00

		Default WCDMA II Ant0				Default WCDMA IV Ant0				Default WCDMA V Ant0			
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	20.57	20.65	20.53	21.70	20.39	20.47	20.38	21.50	22.43	22.47	22.40	24.00
3GPP Rel 99	RMC 12.2Kbps	20.62	20.68	20.57	21.70	20.45	20.51	20.41	21.50	22.45	22.52	22.46	24.00
3GPP Rel 6	HSDPA Subtest-1	19.72	19.76	19.70	20.70	19.59	19.66	19.50	20.50	21.55	21.69	21.48	23.00
3GPP Rel 6	HSDPA Subtest-2	19.66	19.73	19.65	20.70	19.50	19.58	19.52	20.50	21.46	21.60	21.54	23.00
3GPP Rel 6	HSDPA Subtest-3	19.19	19.25	19.23	20.20	19.00	19.11	19.08	20.00	21.01	21.14	21.04	22.50
3GPP Rel 6	HSDPA Subtest-4	19.15	19.30	19.21	20.20	18.96	19.18	19.03	20.00	20.98	21.24	21.06	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	19.70	19.85	19.64	20.70	19.54	19.68	19.46	20.50	21.55	21.72	21.42	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	19.56	19.59	19.41	20.70	19.38	19.40	19.32	20.50	21.34	21.42	21.32	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	19.06	19.12	19.05	20.20	18.92	18.93	18.89	20.00	20.95	20.93	20.92	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	19.02	19.15	19.12	20.20	18.90	18.99	19.01	20.00	20.89	21.00	21.03	22.50
3GPP Rel 6	HSUPA Subtest-1	19.66	19.73	19.70	20.70	19.55	19.63	19.61	20.50	21.61	21.68	21.67	23.00
3GPP Rel 6	HSUPA Subtest-2	17.71	17.75	17.64	18.70	17.54	17.60	17.51	18.50	19.57	19.63	19.50	21.00
3GPP Rel 6	HSUPA Subtest-3	18.65	18.73	18.70	19.70	18.52	18.58	18.58	19.50	20.52	20.59	20.61	22.00
3GPP Rel 6	HSUPA Subtest-4	17.61	17.66	17.57	18.70	17.44	17.51	17.48	18.50	19.45	19.52	19.49	21.00
3GPP Rel 6	HSUPA Subtest-5	19.64	19.60	19.52	20.70	19.53	19.48	19.38	20.50	21.55	21.44	21.40	23.00

Band 2 DSI5_Simultaneous Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	23.11	23.16	23.07		
20	QPSK	1	49	22.93	23.02	22.89	24	0
20	QPSK	1	99	22.99	23.07	22.97		
20	QPSK	50	0	22.98	23.13	23.05		
20	QPSK	50	24	22.94	23.08	22.98	24	0
20	QPSK	50	50	22.92	23.04	22.96		
20	QPSK	100	0	22.99	23.05	22.91		
20	16QAM	1	0	22.95	23.02	22.88		
20	16QAM	1	49	22.85	22.98	22.90	24	0
20	16QAM	1	99	22.70	22.85	22.80		
20	16QAM	50	0	22.55	22.62	22.54		
20	16QAM	50	24	22.34	22.48	22.34	23.5	0.5
20	16QAM	50	50	22.35	22.42	22.27		
20	16QAM	100	0	22.39	22.52	22.47		
20	64QAM	1	0	22.72	22.80	22.72		
20	64QAM	1	49	22.68	22.76	22.67	23.5	0.5
20	64QAM	1	99	22.50	22.55	22.46		
20	64QAM	50	0	21.64	21.71	21.56		
20	64QAM	50	24	21.46	21.55	21.50	22.5	1.5
20	64QAM	50	50	21.42	21.46	21.35		
20	64QAM	100	0	21.43	21.52	21.38		
20	256QAM	1	0	19.80	19.89	19.85		
20	256QAM	1	49	19.82	19.86	19.80	20.5	3.5
20	256QAM	1	99	19.56	19.62	19.57		
20	256QAM	50	0	19.74	19.86	19.80		
20	256QAM	50	24	19.60	19.73	19.63	20.5	3.5
20	256QAM	50	50	19.70	19.81	19.78		
20	256QAM	100	0	19.67	19.78	19.67		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	23.03	23.10	22.99		
15	QPSK	1	37	22.79	22.90	22.82	24	0
15	QPSK	1	74	22.91	22.95	22.83		
15	QPSK	36	0	22.87	22.99	22.90		
15	QPSK	36	20	22.81	22.94	22.87	24	0
15	QPSK	36	39	22.87	22.96	22.82		
15	QPSK	75	0	22.91	23.00	22.89		
15	16QAM	1	0	22.90	22.90	22.79		
15	16QAM	1	37	22.77	22.86	22.83	24	0
15	16QAM	1	74	22.66	22.73	22.66		
15	16QAM	36	0	22.50	22.55	22.45		
15	16QAM	36	20	22.21	22.37	22.26	23.5	0.5
15	16QAM	36	39	22.24	22.31	22.19		
15	16QAM	75	0	22.31	22.42	22.42		
15	64QAM	1	0	22.67	22.68	22.59		
15	64QAM	1	37	22.59	22.72	22.61	23.5	0.5
15	64QAM	1	74	22.42	22.40	22.34		
15	64QAM	36	0	21.56	21.67	21.49		
15	64QAM	36	20	21.36	21.45	21.43	22.5	1.5
15	64QAM	36	39	21.28	21.35	21.23		
15	64QAM	75	0	21.38	21.37	21.29		
15	256QAM	1	0	19.65	19.84	19.70		
15	256QAM	1	37	19.69	19.82	19.77	20.5	3.5
15	256QAM	1	74	19.42	19.51	19.42		
15	256QAM	36	0	19.65	19.73	19.66		
15	256QAM	36	20	19.48	19.65	19.50	20.5	3.5
15	256QAM	36	39	19.66	19.74	19.67		
15	256QAM	75	0	19.58	19.71	19.56		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	23.02	23.08	23.00		
10	QPSK	1	25	22.87	22.88	22.81	24	0
10	QPSK	1	49	22.92	22.94	22.82		
10	QPSK	25	0	22.83	23.01	23.01		
10	QPSK	25	12	22.81	23.00	22.94	24	0
10	QPSK	25	25	22.80	22.89	22.85		
10	QPSK	50	0	22.89	22.95	22.91		
10	16QAM	1	0	22.88	22.90	22.86		
10	16QAM	1	25	22.79	22.91	22.85	24	0
10	16QAM	1	49	22.69	22.72	22.75		
10	16QAM	25	0	22.48	22.51	22.42		
10	16QAM	25	12	22.20	22.34	22.20	23.5	0.5
10	16QAM	25	25	22.26	22.27	22.20		
10	16QAM	50	0	22.28	22.44	22.37		
10	64QAM	1	0	22.60	22.76	22.60		
10	64QAM	1	25	22.56	22.64	22.58	23.5	0.5
10	64QAM	1	49	22.43	22.45	22.32		
10	64QAM	25	0	21.56	21.65	21.46		
10	64QAM	25	12	21.33	21.46	21.44	22.5	1.5
10	64QAM	25	25	21.39	21.36	21.28		
10	64QAM	50	0	21.31	21.39	21.27		
10	256QAM	1	0	19.76	19.86	19.77		
10	256QAM	1	25	19.77	19.82	19.68	20.5	3.5
10	256QAM	1	49	19.52	19.50	19.53		
10	256QAM	25	0	19.60	19.82	19.70		
10	256QAM	25	12	19.46	19.61	19.51	20.5	3.5
10	256QAM	25	25	19.63	19.71	19.66		
10	256QAM	50	0	19.52	19.66	19.61		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	23.02	23.06	22.99		
5	QPSK	1	12	22.88	22.95	22.74	24	0
5	QPSK	1	24	22.90	22.95	22.94		
5	QPSK	12	0	22.93	23.02	22.90		
5	QPSK	12	7	22.89	23.03	22.87	24	0
5	QPSK	12	13	22.80	22.98	22.82		
5	QPSK	25	0	22.88	22.93	22.92		
5	16QAM	1	0	22.91	22.88	22.83		
5	16QAM	1	12	22.79	22.82	22.87	24	0
5	16QAM	1	24	22.58	22.74	22.70		
5	16QAM	12	0	22.40	22.49	22.41		
5	16QAM	12	7	22.22	22.41	22.27	23.5	0.5
5	16QAM	12	13	22.31	22.27	22.14		
5	16QAM	25	0	22.26	22.38	22.37		
5	64QAM	1	0	22.59	22.68	22.64		
5	64QAM	1	12	22.61	22.73	22.63	23.5	0.5
5	64QAM	1	24	22.42	22.41	22.34		
5	64QAM	12	0	21.54	21.68	21.43		
5	64QAM	12	7	21.31	21.46	21.42	22.5	1.5
5	64QAM	12	13	21.29	21.32	21.21		
5	64QAM	25	0	21.39	21.44	21.29		
5	256QAM	1	0	19.74	19.94	19.67		
5	256QAM	1	12	19.75	19.78	19.67	20.5	3.5
5	256QAM	1	24	19.49	19.55	19.49		
5	256QAM	12	0	19.66	19.75	19.71		
5	256QAM	12	7	19.51	19.69	19.55	20.5	3.5
5	256QAM	12	13	19.67	19.74	19.64		
5	256QAM	25	0	19.62	19.73	19.58		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	23.01	23.02	22.96		
3	QPSK	1	8	22.89	22.91	22.86	24	0
3	QPSK	1	14	22.89	22.95	22.83		
3	QPSK	8	0	22.91	23.06	22.98		
3	QPSK	8	4	22.83	23.04	22.92	24	0
3	QPSK	8	7	22.86	22.99	22.83		
3	QPSK	15	0	22.87	22.98	22.90		
3	16QAM	1	0	22.85	22.98	22.83		
3	16QAM	1	8	22.71	22.87	22.78	24	0
3	16QAM	1	14	22.59	22.74	22.65		
3	16QAM	8	0	22.41	22.57	22.40		
3	16QAM	8	4	22.23	22.41	22.24	23.5	0.5
3	16QAM	8	7	22.31	22.33	22.14		
3	16QAM	15	0	22.31	22.45	22.41		
3	64QAM	1	0	22.59	22.77	22.60		
3	64QAM	1	8	22.55	22.67	22.54	23.5	0.5
3	64QAM	1	14	22.42	22.43	22.38		
3	64QAM	8	0	21.56	21.59	21.52		
3	64QAM	8	4	21.35	21.45	21.35	22.5	1.5
3	64QAM	8	7	21.34	21.33	21.27		
3	64QAM	15	0	21.34	21.44	21.30		
3	256QAM	1	0	19.77	19.76	19.69		
3	256QAM	1	8	19.76	19.79	19.65	20.5	3.5
3	256QAM	1	14	19.52	19.58	19.51		
3	256QAM	8	0	19.71	19.75	19.75		
3	256QAM	8	4	19.50	19.68	19.59	20.5	3.5
3	256QAM	8	7	19.60	19.66	19.73		
3	256QAM	15	0	19.63	19.70	19.59		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	23.04	23.11	23.01		
1.4	QPSK	1	3	22.83	22.95	22.74		
1.4	QPSK	1	5	22.86	22.99	22.85	24	0
1.4	QPSK	3	0	22.85	23.08	23.01		
1.4	QPSK	3	1	22.85	23.04	22.84		
1.4	QPSK	3	3	22.78	22.94	22.88		
1.4	QPSK	6	0	22.84	23.00	22.90	24	0
1.4	16QAM	1	0	22.80	22.93	22.87		
1.4	16QAM	1	3	22.82	22.86	22.78		
1.4	16QAM	1	5	22.86	22.93	22.90	24	0
1.4	16QAM	3	0	22.83	22.95	22.79		
1.4	16QAM	3	1	22.78	22.88	22.80		
1.4	16QAM	3	3	22.61	22.77	22.73		
1.4	16QAM	6	0	22.51	22.52	22.43	23.5	0.5
1.4	64QAM	1	0	22.19	22.34	22.24		
1.4	64QAM	1	3	22.21	22.32	22.21		
1.4	64QAM	1	5	22.25	22.45	22.39	23.5	0.5
1.4	64QAM	3	0	22.58	22.77	22.63		
1.4	64QAM	3	1	22.60	22.67	22.52		
1.4	64QAM	3	3	22.35	22.40	22.40		
1.4	64QAM	6	0	21.53	21.61	21.43	22.5	1.5
1.4	256QAM	1	0	19.76	19.83	19.76		
1.4	256QAM	1	3	19.77	19.82	19.69		
1.4	256QAM	1	5	19.47	19.55	19.49	20.5	3.5
1.4	256QAM	3	0	19.67	19.82	19.67		
1.4	256QAM	3	1	19.47	19.66	19.54		
1.4	256QAM	3	3	19.62	19.75	19.72		
1.4	256QAM	6	0	19.57	19.73	19.54	20.5	3.5

Band 4 DSI5_Simultaneous Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	20.71	20.73	20.62		
20	QPSK	1	49	20.66	20.72	20.60	21.9	0
20	QPSK	1	99	20.55	20.66	20.55		
20	QPSK	50	0	20.57	20.67	20.58		
20	QPSK	50	24	20.59	20.53	20.52	21.9	0
20	QPSK	50	50	20.46	20.64	20.57		
20	QPSK	100	0	20.54	20.62	20.54		
20	16QAM	1	0	20.53	20.53	20.40		
20	16QAM	1	49	20.48	20.65	20.51	21.9	0
20	16QAM	1	99	20.41	20.59	20.47		
20	16QAM	50	0	20.52	20.56	20.53		
20	16QAM	50	24	20.50	20.63	20.46	21.9	0
20	16QAM	50	50	20.43	20.54	20.52		
20	16QAM	100	0	20.51	20.58	20.60		
20	64QAM	1	0	20.44	20.54	20.38		
20	64QAM	1	49	20.45	20.52	20.42	21.9	0
20	64QAM	1	99	20.45	20.49	20.55		
20	64QAM	50	0	20.54	20.60	20.49		
20	64QAM	50	24	20.54	20.52	20.52	21.9	0
20	64QAM	50	50	20.47	20.62	20.50		
20	64QAM	100	0	20.43	20.55	20.41		
20	256QAM	1	0	19.91	20.01	19.84		
20	256QAM	1	49	19.74	19.88	19.86	20.5	1.4
20	256QAM	1	99	19.77	19.78	19.72		
20	256QAM	50	0	19.77	19.98	19.88		
20	256QAM	50	24	19.76	19.80	19.73	20.5	1.4
20	256QAM	50	50	19.72	19.74	19.74		
20	256QAM	100	0	19.70	19.83	19.67		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	20.61	20.69	20.56		
15	QPSK	1	37	20.59	20.60	20.51	21.9	0
15	QPSK	1	74	20.49	20.58	20.47		
15	QPSK	36	0	20.47	20.56	20.50		
15	QPSK	36	20	20.48	20.42	20.38	21.9	0
15	QPSK	36	39	20.37	20.50	20.46		
15	QPSK	75	0	20.47	20.59	20.47		
15	16QAM	1	0	20.42	20.46	20.29		
15	16QAM	1	37	20.44	20.56	20.37	21.9	0
15	16QAM	1	74	20.33	20.45	20.40		
15	16QAM	36	0	20.48	20.52	20.39		
15	16QAM	36	20	20.36	20.52	20.33	21.9	0
15	16QAM	36	39	20.40	20.50	20.45		
15	16QAM	75	0	20.45	20.46	20.45		
15	64QAM	1	0	20.39	20.47	20.31		
15	64QAM	1	37	20.34	20.43	20.32	21.9	0
15	64QAM	1	74	20.35	20.42	20.51		
15	64QAM	36	0	20.42	20.55	20.36		
15	64QAM	36	20	20.46	20.48	20.42	21.9	0
15	64QAM	36	39	20.36	20.57	20.45		
15	64QAM	75	0	20.50	20.50	20.50		
15	256QAM	1	0	19.88	19.91	19.77		
15	256QAM	1	37	19.68	19.81	19.78	20.5	1.4
15	256QAM	1	74	19.65	19.73	19.63		
15	256QAM	36	0	19.62	19.88	19.78		
15	256QAM	36	20	19.66	19.67	19.69	20.5	1.4
15	256QAM	36	39	19.61	19.64	19.71		
15	256QAM	75	0	19.62	19.70	19.60		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	20.62	20.65	20.56		
10	QPSK	1	25	20.53	20.59	20.54	21.9	0
10	QPSK	1	49	20.45	20.55	20.41		
10	QPSK	25	0	20.46	20.60	20.54		
10	QPSK	25	12	20.55	20.40	20.40	21.9	0
10	QPSK	25	25	20.41	20.52	20.45		
10	QPSK	50	0	20.47	20.54	20.45		
10	16QAM	1	0	20.46	20.43	20.28		
10	16QAM	1	25	20.45	20.55	20.48	21.9	0
10	16QAM	1	49	20.35	20.46	20.43		
10	16QAM	25	0	20.46	20.44	20.49		
10	16QAM	25	12	20.40	20.52	20.42	21.9	0
10	16QAM	25	25	20.34	20.42	20.38		
10	16QAM	50	0	20.42	20.46	20.52		
10	64QAM	1	0	20.36	20.47	20.27		
10	64QAM	1	25	20.30	20.41	20.30	21.9	0
10	64QAM	1	49	20.37	20.36	20.41		
10	64QAM	25	0	20.46	20.48	20.36		
10	64QAM	25	12	20.43	20.53	20.44	21.9	0
10	64QAM	25	25	20.33	20.57	20.36		
10	64QAM	50	0	20.39	20.41	20.28		
10	256QAM	1	0	19.83	19.87	19.76		
10	256QAM	1	25	19.61	19.84	19.82	20.5	1.4
10	256QAM	1	49	19.67	19.67	19.66		
10	256QAM	25	0	19.66	19.84	19.80		
10	256QAM	25	12	19.66	19.68	19.65	20.5	1.4
10	256QAM	25	25	19.65	19.61	19.84		
10	256QAM	50	0	19.55	19.78	19.62		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	20.57	20.63	20.47		
5	QPSK	1	12	20.59	20.58	20.46	21.9	0
5	QPSK	1	24	20.42	20.55	20.46		
5	QPSK	12	0	20.44	20.56	20.52		
5	QPSK	12	7	20.52	20.39	20.43	21.9	0
5	QPSK	12	13	20.33	20.55	20.46		
5	QPSK	25	0	20.48	20.49	20.49		
5	16QAM	1	0	20.40	20.48	20.33		
5	16QAM	1	12	20.41	20.29	20.48	21.9	0
5	16QAM	1	24	20.32	20.44	20.38		
5	16QAM	12	0	20.43	20.45	20.45		
5	16QAM	12	7	20.36	20.52	20.37	21.9	0
5	16QAM	12	13	20.30	20.40	20.43		
5	16QAM	25	0	20.47	20.51	20.51		
5	64QAM	1	0	20.33	20.43	20.30		
5	64QAM	1	12	20.41	20.41	20.32	21.9	0
5	64QAM	1	24	20.37	20.42	20.48		
5	64QAM	12	0	20.49	20.47	20.41		
5	64QAM	12	7	20.47	20.56	20.40	21.9	0
5	64QAM	12	13	20.42	20.57	20.45		
5	64QAM	25	0	20.33	20.52	20.34		
5	256QAM	1	0	19.77	19.96	19.70		
5	256QAM	1	12	19.68	19.74	19.81	20.5	1.4
5	256QAM	1	24	19.72	19.63	19.68		
5	256QAM	12	0	19.69	19.86	19.78		
5	256QAM	12	7	19.72	19.74	19.67	20.5	1.4
5	256QAM	12	13	19.69	19.69	19.66		
5	256QAM	25	0	19.64	19.77	19.53		
Channel				19925	20175	20425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	20.50	20.58	20.47		
3	QPSK	1	8	20.46	20.52	20.41	21.9	0
3	QPSK	1	14	20.42	20.55	20.44		
3	QPSK	8	0	20.47	20.54	20.40		
3	QPSK	8	4	20.45	20.41	20.45	21.9	0
3	QPSK	8	7	20.31	20.58	20.53		
3	QPSK	15	0	20.49	20.48	20.43		
3	16QAM	1	0	20.44	20.40	20.37		
3	16QAM	1	8	20.39	20.55	20.47	21.9	0
3	16QAM	1	14	20.26	20.50	20.36		
3	16QAM	8	0	20.48	20.45	20.47		
3	16QAM	8	4	20.39	20.49	20.35	21.9	0
3	16QAM	8	7	20.29	20.40	20.45		
3	16QAM	15	0	20.48	20.45	20.56		
3	64QAM	1	0	20.33	20.50	20.23		
3	64QAM	1	8	20.33	20.38	20.34	21.9	0
3	64QAM	1	14	20.33	20.43	20.42		
3	64QAM	8	0	20.45	20.51	20.43		
3	64QAM	8	4	20.48	20.50	20.49	21.9	0
3	64QAM	8	7	20.35	20.51	20.38		
3	64QAM	15	0	20.29	20.48	20.29		
3	256QAM	1	0	19.79	19.97	19.81		
3	256QAM	1	8	19.60	19.83	19.75	20.5	1.4
3	256QAM	1	14	19.74	19.67	19.66		
3	256QAM	8	0	19.74	19.94	19.75		
3	256QAM	8	4	19.66	19.76	19.62	20.5	1.4
3	256QAM	8	7	19.63	19.62	19.63		
3	256QAM	15	0	19.57	19.70	19.60		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	20.60	20.62	20.55		
1.4	QPSK	1	3	20.56	20.59	20.53		
1.4	QPSK	1	5	20.50	20.61	20.49	21.9	0
1.4	QPSK	3	0	20.51	20.62	20.43		
1.4	QPSK	3	1	20.55	20.47	20.45		
1.4	QPSK	3	3	20.32	20.59	20.47		
1.4	QPSK	6	0	20.42	20.53	20.46	21.9	0
1.4	16QAM	1	0	20.45	20.41	20.34		
1.4	16QAM	1	3	20.38	20.54	20.45		
1.4	16QAM	1	5	20.34	20.48	20.36	21.9	0
1.4	16QAM	3	0	20.41	20.51	20.49		
1.4	16QAM	3	1	20.47	20.54	20.36		
1.4	16QAM	3	3	20.34	20.47	20.48		
1.4	16QAM	6	0	20.46	20.47	20.55	21.9	0
1.4	64QAM	1	0	20.40	20.46	20.23		
1.4	64QAM	1	3	20.36	20.43	20.33		
1.4	64QAM	1	5	20.34	20.39	20.43	21.9	0
1.4	64QAM	3	0	20.49	20.49	20.34		
1.4	64QAM	3	1	20.41	20.58	20.48		
1.4	64QAM	3	3	20.43	20.58	20.35		
1.4	64QAM	6	0	20.30	20.44	20.33	21.9	0
1.4	256QAM	1	0	19.77	19.93	19.81		
1.4	256QAM	1	3	19.64	19.80	19.78		
1.4	256QAM	1	5	19.63	19.85	19.66	20.5	1.4
1.4	256QAM	3	0	19.69	19.85	19.81		
1.4	256QAM	3	1	19.67	19.75	19.60		
1.4	256QAM	3	3	19.63	19.69	19.70		
1.4	256QAM	6	0	19.64	19.73	19.58	20.5	1.4

Band 5 Default Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.52	22.57	22.46		
10	QPSK	1	25	22.36	22.46	22.32	23.7	0
10	QPSK	1	49	22.30	22.43	22.28		
10	QPSK	25	0	22.37	22.54	22.41		
10	QPSK	25	12	22.33	22.45	22.35	23.7	0
10	QPSK	25	25	22.24	22.30	22.27		
10	QPSK	50	0	22.31	22.45	22.30		
10	16QAM	1	0	22.26	22.47	22.31		

Band 12 Default Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	22.84	22.92	22.79	24	0
10	QPSK	1	25	22.76	22.81	22.64		
10	QPSK	1	49	22.60	22.68	22.62		
10	QPSK	25	0	22.63	22.82	22.72	24	0
10	QPSK	25	12	22.59	22.68	22.61		
10	QPSK	25	25	22.56	22.60	22.63		
10	QPSK	50	0	22.65	22.77	22.62		
10	16QAM	1	0	22.54	22.72	22.60	24	0
10	16QAM	1	25	22.54	22.59	22.58		
10	16QAM	1	49	22.44	22.55	22.46		
10	16QAM	25	0	22.35	22.51	22.41	23.5	0.5
10	16QAM	25	12	22.32	22.43	22.28		
10	16QAM	25	25	22.30	22.35	22.28		
10	16QAM	50	0	22.37	22.47	22.28		
10	64QAM	1	0	22.26	22.41	22.29	23.5	0.5
10	64QAM	1	25	22.14	22.25	22.19		
10	64QAM	1	49	22.10	22.22	22.16		
10	64QAM	25	0	21.54	21.67	21.50	22.5	1.5
10	64QAM	25	12	21.44	21.58	21.51		
10	64QAM	25	25	21.39	21.44	21.44		
10	64QAM	50	0	21.43	21.54	21.41		
10	256QAM	1	0	19.33	19.55	19.40	20.5	3.5
10	256QAM	1	25	19.33	19.40	19.38		
10	256QAM	1	49	19.30	19.33	19.28		
10	256QAM	25	0	19.30	19.51	19.41	20.5	3.5
10	256QAM	25	12	19.29	19.34	19.30		
10	256QAM	25	25	19.20	19.33	19.22		
10	256QAM	50	0	19.23	19.45	19.26		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.77	22.86	22.74	24	0
5	QPSK	1	12	22.63	22.69	22.56		
5	QPSK	1	24	22.47	22.54	22.47		
5	QPSK	12	0	22.50	22.75	22.58	24	0
5	QPSK	12	7	22.45	22.55	22.51		
5	QPSK	12	13	22.53	22.45	22.51		
5	QPSK	25	0	22.56	22.69	22.56		
5	16QAM	1	0	22.42	22.62	22.48	24	0
5	16QAM	1	12	22.50	22.48	22.47		
5	16QAM	1	24	22.33	22.52	22.36		
5	16QAM	12	0	22.30	22.47	22.28	23.5	0.5
5	16QAM	12	7	22.28	22.33	22.19		
5	16QAM	12	13	22.19	22.24	22.19		
5	16QAM	25	0	22.31	22.34	22.19		
5	64QAM	1	0	22.15	22.30	22.22	23.5	0.5
5	64QAM	1	12	22.04	22.12	22.10		
5	64QAM	1	24	21.96	22.07	22.07		
5	64QAM	12	0	21.48	21.63	21.41	22.5	1.5
5	64QAM	12	7	21.34	21.53	21.47		
5	64QAM	12	13	21.29	21.32	21.33		
5	64QAM	25	0	21.33	21.48	21.34		
5	256QAM	1	0	19.35	19.45	19.31	20.5	3.5
5	256QAM	1	12	19.21	19.31	19.26		
5	256QAM	1	24	19.17	19.23	19.18		
5	256QAM	12	0	19.16	19.37	19.26	20.5	3.5
5	256QAM	12	7	19.22	19.27	19.27		
5	256QAM	12	13	19.07	19.21	19.11		
5	256QAM	25	0	19.13	19.31	19.12		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.78	22.81	22.72	24	0
3	QPSK	1	8	22.70	22.76	22.50		
3	QPSK	1	14	22.53	22.54	22.57		
3	QPSK	8	0	22.49	22.79	22.57	24	0
3	QPSK	8	4	22.51	22.61	22.48		
3	QPSK	8	7	22.49	22.49	22.57		
3	QPSK	15	0	22.54	22.73	22.58		
3	16QAM	1	0	22.39	22.59	22.47	24	0
3	16QAM	1	8	22.48	22.48	22.48		
3	16QAM	1	14	22.38	22.44	22.38		
3	16QAM	8	0	22.26	22.44	22.28	23.5	0.5
3	16QAM	8	4	22.23	22.37	22.16		
3	16QAM	8	7	22.22	22.22	22.20		
3	16QAM	15	0	22.23	22.35	22.19		
3	64QAM	1	0	22.23	22.28	22.17	23.5	0.5
3	64QAM	1	8	22.02	22.10	22.09		
3	64QAM	1	14	22.02	22.15	22.04		
3	64QAM	8	0	21.45	21.61	21.40	22.5	1.5
3	64QAM	8	4	21.40	21.48	21.37		
3	64QAM	8	7	21.35	21.36	21.33		
3	64QAM	15	0	21.37	21.50	21.31		
3	256QAM	1	0	19.28	19.41	19.36	20.5	3.5
3	256QAM	1	8	19.26	19.31	19.24		
3	256QAM	1	14	19.23	19.30	19.21		
3	256QAM	8	0	19.18	19.46	19.28	20.5	3.5
3	256QAM	8	4	19.18	19.22	19.18		
3	256QAM	8	7	19.06	19.22	19.07		
3	256QAM	15	0	19.18	19.40	19.14		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.76	22.83	22.75	24	0
1.4	QPSK	1	3	22.65	22.67	22.51		
1.4	QPSK	1	5	22.48	22.57	22.53		
1.4	QPSK	3	0	22.50	22.67	22.67		
1.4	QPSK	3	1	22.54	22.55	22.56		
1.4	QPSK	3	3	22.44	22.54	22.57		
1.4	QPSK	6	0	22.59	22.73	22.56	24	0
1.4	16QAM	1	0	22.50	22.62	22.56	24	0
1.4	16QAM	1	3	22.49	22.46	22.50		
1.4	16QAM	1	5	22.40	22.46	22.43		
1.4	16QAM	3	0	22.47	22.60	22.56		
1.4	16QAM	3	1	22.49	22.45	22.47		
1.4	16QAM	3	3	22.37	22.48	22.40		
1.4	16QAM	6	0	22.17	22.30	22.14	23.5	0.5
1.4	64QAM	1	0	22.33	22.41	22.29	23.5	0.5
1.4	64QAM	1	3	22.22	22.40	22.17		
1.4	64QAM	1	5	22.13	22.33	22.16		
1.4	64QAM	3	0	22.05	22.21	22.09		
1.4	64QAM	3	1	21.99	22.16	22.05		
1.4	64QAM	3	3	22.22	22.28	22.16		
1.4	64QAM	6	0	21.45	21.60	21.41	22.5	1.5
1.4	256QAM	1	0	19.29	19.47	19.32	20.5	3.5
1.4	256QAM	1	3	19.21	19.31	19.24		
1.4	256QAM	1	5	19.22	19.27	19.22		
1.4	256QAM	3	0	19.18	19.37	19.34		
1.4	256QAM	3	1	19.16	19.21	19.24		
1.4	256QAM	3	3	19.15	19.21	19.09		
1.4	256QAM	6	0	19.17	19.35	19.18	20.5	3.5

Band 13 Default Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		23.07		24	0
10	QPSK	1	25		23.04			
10	QPSK	1	49		22.92			
10	QPSK	25	0		22.98		24	0
10	QPSK	25	12		22.85			
10	QPSK	25	25		22.82			
10	QPSK	50	0		22.95			
10	16QAM	1	0		22.91		24	0
10	16QAM	1	25		22.86			
10	16QAM	1	49		22.79			
10	16QAM	25	0		22.74		23.5	0.5
10	16QAM	25	12		22.62			
10	16QAM	25	25		22.54			
10	16QAM	50	0		22.70			
10	64QAM	1	0		22.62		23.5	0.5
10	64QAM	1	25		22.41			
10	64QAM	1	49		22.49			
10	64QAM	25	0		21.91		22.5	1.5
10	64QAM	25	12		21.77			
10	64QAM	25	25		21.67			
10	64QAM	50	0		21.77			
10	256QAM	1	0		19.82		20.5	3.5
10	256QAM	1	25		19.62			
10	256QAM	1	49		19.55			
10	256QAM	25	0		19.69		20.5	3.5
10	256QAM	25	12		19.58			
10	256QAM	25	25		19.55			
10	256QAM	50	0		19.68			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.93	23.03	22.99	24	0
5	QPSK	1	12	22.90	23.00	22.92		
5	QPSK	1	24	22.84	22.85	22.80		
5	QPSK	12	0	22.95	22.84	22.93	24	0
5	QPSK	12	7	22.77	22.71	22.73		
5	QPSK	12	13	22.71	22.75	22.68		
5	QPSK	25	0	22.88	22.91	22.91		
5	16QAM	1	0	22.86	22.80	22.87	24	0
5	16QAM	1	12	22.72	22.78	22.71		
5	16QAM	1	24	22.67	22.69	22.74		
5	16QAM	12	0	22.62	22.60	22.65	23.5	0.5
5	16QAM	12	7	22.49	22.55	22.58		
5	16QAM	12	13	22.43	22.49	22.45		
5	16QAM	25	0	22.67	22.66	22.63		
5	64QAM	1	0	22.53	22.55	22.47	23.5	0.5
5	64QAM	1	12	22.33	22.32	22.27		
5	64QAM	1	24	22.39	22.42	22.45		
5	64QAM	12	0	21.79	21.83	21.82	22.5	1.5
5	64QAM	12	7	21.62	21.66	21.70		
5	64QAM	12	13	21.61	21.55	21.59		
5	64QAM	25	0	21.71	21.66	21.73		
5	256QAM	1	0	19.77	19.78	19.74	20.5	3.5
5	256QAM	1	12	19.56	19.48	19.51		
5	256QAM	1	24	19.41	19.47	19.50		
5	256QAM	12	0	19.59	19.55	19.64	20.5	3.5
5	256QAM	12	7	19.55	19.52	19.53		
5	256QAM	12	13	19.46	19.43	19.52		
5	256QAM	25	0	19.57	19.56	19.60		

Band 14 Default Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23330			
Frequency (MHz)					793			
10	QPSK	1	0		23.06		24	0
10	QPSK	1	25		23.00			
10	QPSK	1	49		22.86			
10	QPSK	25	0		22.95		24	0
10	QPSK	25	12		22.81			
10	QPSK	25	25		22.78			
10	QPSK	50	0		22.93			
10	16QAM	1	0		22.86		24	0
10	16QAM	1	25		22.78			
10	16QAM	1	49		22.77			
10	16QAM	25	0		22.75		23.5	0.5
10	16QAM	25	12		22.60			
10	16QAM	25	25		22.46			
10	16QAM	50	0		22.64			
10	64QAM	1	0		22.56		23.5	0.5
10	64QAM	1	25		22.38			
10	64QAM	1	49		22.49			
10	64QAM	25	0		21.88		22.5	1.5
10	64QAM	25	12		21.70			
10	64QAM	25	25		21.63			
10	64QAM	50	0		21.69			
10	256QAM	1	0		19.77		20.5	3.5
10	256QAM	1	25		19.55			
10	256QAM	1	49		19.49			
10	256QAM	25	0		19.61		20.5	3.5
10	256QAM	25	12		19.51			
10	256QAM	25	25		19.48			
10	256QAM	50	0		19.66			
Channel				23305	23330	23355	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	0	22.92	22.99	22.97	24	0
5	QPSK	1	12	22.87	22.90	22.86		
5	QPSK	1	24	22.75	22.79	22.74		
5	QPSK	12	0	22.90	22.90	22.83	24	0
5	QPSK	12	7	22.77	22.68	22.77		
5	QPSK	12	13	22.70	22.67	22.64		
5	QPSK	25	0	22.82	22.84	22.86		
5	16QAM	1	0	22.78	22.83	22.78	24	0
5	16QAM	1	12	22.70	22.68	22.64		
5	16QAM	1	24	22.62	22.73	22.64		
5	16QAM	12	0	22.60	22.72	22.67	23.5	0.5
5	16QAM	12	7	22.54	22.51	22.51		
5	16QAM	12	13	22.37	22.40	22.40		
5	16QAM	25	0	22.55	22.53	22.50		
5	64QAM	1	0	22.52	22.52	22.46	23.5	0.5
5	64QAM	1	12	22.28	22.30	22.27		
5	64QAM	1	24	22.44	22.43	22.41		
5	64QAM	12	0	21.74	21.74	21.76	22.5	1.5
5	64QAM	12	7	21.63	21.64	21.58		
5	64QAM	12	13	21.59	21.59	21.52		
5	64QAM	25	0	21.55	21.64	21.66		
5	256QAM	1	0	19.63	19.72	19.65	20.5	3.5
5	256QAM	1	12	19.44	19.46	19.44		
5	256QAM	1	24	19.35	19.44	19.44		
5	256QAM	12	0	19.48	19.47	19.57	20.5	3.5
5	256QAM	12	7	19.38	19.37	19.39		
5	256QAM	12	13	19.35	19.36	19.34		
5	256QAM	25	0	19.53	19.56	19.62		

Band 17 Default Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	22.65	22.73	22.70	24	0
10	QPSK	1	25	22.57	22.60	22.59		
10	QPSK	1	49	22.46	22.51	22.46		
10	QPSK	25	0	22.46	22.66	22.54	24	0
10	QPSK	25	12	22.49	22.53	22.42		
10	QPSK	25	25	22.41	22.48	22.47		
10	QPSK	50	0	22.49	22.62	22.44		
10	16QAM	1	0	22.49	22.60	22.45	24	0
10	16QAM	1	25	22.39	22.48	22.41		
10	16QAM	1	49	22.30	22.40	22.38		
10	16QAM	25	0	22.36	22.58	22.49	23.5	0.5
10	16QAM	25	12	22.38	22.40	22.43		
10	16QAM	25	25	22.30	22.41	22.40		
10	16QAM	50	0	22.24	22.38	22.33		
10	64QAM	1	0	22.39	22.56	22.46	23.5	0.5
10	64QAM	1	25	22.37	22.42	22.40		
10	64QAM	1	49	22.32	22.40	22.29		
10	64QAM	25	0	21.37	21.54	21.36	22.5	1.5
10	64QAM	25	12	21.28	21.39	21.36		
10	64QAM	25	25	21.32	21.36	21.32		
10	64QAM	50	0	21.19	21.28	21.29		
10	256QAM	1	0	19.59	19.71	19.63	20.5	3.5
10	256QAM	1	25	19.45	19.53	19.56		
10	256QAM	1	49	19.44	19.57	19.51		
10	256QAM	25	0	19.44	19.55	19.43	20.5	3.5
10	256QAM	25	12	19.34	19.44	19.33		
10	256QAM	25	25	19.34	19.39	19.37		
10	256QAM	50	0	19.28	19.32	19.22		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.53	22.69	22.65	24	0
5	QPSK	1	12	22.53	22.55	22.48		
5	QPSK	1	24	22.33	22.41	22.37		
5	QPSK	12	0	22.36	22.57	22.44	24	0
5	QPSK	12	7	22.44	22.40	22.38		
5	QPSK	12	13	22.28	22.41	22.43		
5	QPSK	25	0	22.46	22.49	22.32		
5	16QAM	1	0	22.38	22.52	22.31	24	0
5	16QAM	1	12	22.26	22.39	22.35		
5	16QAM	1	24	22.16	22.32	22.32		
5	16QAM	12	0	22.27	22.45	22.35	23.5	0.5
5	16QAM	12	7	22.33	22.32	22.35		
5	16QAM	12	13	22.19	22.34	22.27		
5	16QAM	25	0	22.11	22.24	22.19		
5	64QAM	1	0	22.24	22.48	22.35	23.5	0.5
5	64QAM	1	12	22.29	22.34	22.29		
5	64QAM	1	24	22.17	22.33	22.14		
5	64QAM	12	0	21.33	21.42	21.31	22.5	1.5
5	64QAM	12	7	21.24	21.27	21.22		
5	64QAM	12	13	21.19	21.23	21.25		
5	64QAM	25	0	21.07	21.23	21.24		
5	256QAM	1	0	19.50	19.65	19.49	20.5	3.5
5	256QAM	1	12	19.33	19.42	19.50		
5	256QAM	1	24	19.41	19.43	19.47		
5	256QAM	12	0	19.31	19.51	19.33	20.5	3.5
5	256QAM	12	7	19.27	19.34	19.22		
5	256QAM	12	13	19.20	19.33	19.27		
5	256QAM	25	0	19.24	19.26	19.16		

Band 25 DSI5_Simultaneous Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1880	1880	1905		
20	QPSK	1	0	23.16	23.21	23.18	24	0
20	QPSK	1	49	23.03	23.03	23.09		
20	QPSK	1	99	22.97	23.01	23.03		
20	QPSK	50	0	23.00	23.15	23.05	24	0
20	QPSK	50	24	22.95	23.03	22.95		
20	QPSK	50	50	22.88	22.99	22.86		
20	QPSK	100	0	22.91	23.01	22.92		
20	16QAM	1	0	22.96	23.09	22.91	24	0
20	16QAM	1	49	22.94	22.99	22.95		
20	16QAM	1	99	22.81	22.87	22.80		
20	16QAM	50	0	22.79	22.93	22.83	23.5	0.5
20	16QAM	50	24	22.75	22.80	22.75		
20	16QAM	50	50	22.61	22.72	22.70		
20	16QAM	100	0	22.62	22.66	22.61		
20	64QAM	1	0	22.86	23.05	22.91	23.5	0.5
20	64QAM	1	49	22.79	22.95	22.87		
20	64QAM	1	99	22.79	22.82	22.82		
20	64QAM	50	0	21.82	21.95	21.79	22.5	1.5
20	64QAM	50	24	21.78	21.79	21.74		
20	64QAM	50	50	21.73	21.82	21.72		
20	64QAM	100	0	21.69	21.66	21.64		
20	256QAM	1	0	19.90	20.04	19.89	20.5	3.5
20	256QAM	1	49	19.79	19.90	19.83		
20	256QAM	1	99	19.77	19.85	19.78		
20	256QAM	50	0	19.87	19.98	19.87	20.5	3.5
20	256QAM	50	24	19.77	19.90	19.74		
20	256QAM	50	50	19.70	19.74	19.71		
20	256QAM	100	0	19.62	19.74	19.68		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	23.05	23.13	23.04	24	0
15	QPSK	1	37	22.90	22.90	23.00		
15	QPSK	1	74	22.84	22.90	22.97		
15	QPSK	36	0	22.94	23.01	22.95	24	0
15	QPSK	36	20	22.82	22.96	22.88		
15	QPSK	36	39	22.84	22.95	22.75		
15	QPSK	75	0	22.77	22.98	22.79		
15	16QAM	1	0	22.92	22.98	22.84	24	0
15	16QAM	1	37	22.81	22.87	22.85		
15	16QAM	1	74	22.68	22.79	22.74		
15	16QAM	36	0	22.70	22.81	22.75	23.5	0.5
15	16QAM	36	20	22.68	22.66	22.62		
15	16QAM	36	39	22.48	22.61	22.64		
15	16QAM	75	0	22.49	22.53	22.50		
15	64QAM	1	0	22.74	22.90	22.77	23.5	0.5
15	64QAM	1	37	22.70	22.82	22.77		
15	64QAM	1	74	22.70	22.68	22.68		
15	64QAM	36	0	21.74	21.85	21.65	22.5	1.5
15	64QAM	36	20	21.72	21.68	21.69		
15	64QAM	36	39	21.68	21.79	21.59		
15	64QAM	75	0	21.55	21.54	21.60		
15	256QAM	1	0	19.76	19.96	19.85	20.5	3.5
15	256QAM	1	37	19.75	19.79	19.79		
15	256QAM	1	74	19.67	19.70	19.73		
15	256QAM	36	0	19.78	19.83	19.77	20.5	3.5
15	256QAM	36	20	19.69	19.87	19.60		
15	256QAM	36	39	19.57	19.70	19.61		
15	256QAM	75	0	19.55	19.66	19.55		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	23.03	23.09	23.05	24	0
10	QPSK	1	25	22.94	22.92	22.98		
10	QPSK	1	49	22.90	22.95	22.90		
10	QPSK	25	0	22.90	23.04	22.99	24	0
10	QPSK	25	12	22.87	22.89	22.83		
10	QPSK	25	25	22.84	22.85	22.71		
10	QPSK	50	0	22.80	22.89	22.83		
10	16QAM	1	0	22.90	22.95	22.83	24	0
10	16QAM	1	25	22.81	22.91	22.88		
10	16QAM	1	49	22.68	22.76	22.66		
10	16QAM	25	0	22.74	22.80	22.75	23.5	0.5
10	16QAM	25	12	22.62	22.68	22.67		
10	16QAM	25	25	22.52	22.67	22.57		
10	16QAM	50	0	22.57	22.60	22.54		
10	64QAM	1	0	22.82	22.91	22.85	23.5	0.5
10	64QAM	1	25	22.64	22.88	22.76		
10	64QAM	1	49	22.72	22.76	22.71		
10	64QAM	25	0	21.79	21.84	21.68	22.5	1.5
10	64QAM	25	12	21.74	21.76	21.64		
10	64QAM	25	25	21.66	21.77	21.61		
10	64QAM	50	0	21.62	21.56	21.52		
10	256QAM	1	0	19.80	19.94	19.81	20.5	3.5
10	256QAM	1	25	19.68	19.75	19.72		
10	256QAM	1	49	19.74	19.73	19.68		
10	256QAM	25	0	19.82	19.91	19.77	20.5	3.5
10	256QAM	25	12	19.71	19.83	19.68		
10	256QAM	25	25	19.65	19.61	19.60		
10	256QAM	50	0	19.55	19.67	19.63		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	23.12	23.07	23.10	24	0
5	QPSK	1	12	22.95	22.92	23.03		
5	QPSK	1	24	22.86	22.90	22.95		
5	QPSK	12	0	22.86	23.04	22.92	24	0
5	QPSK	12	7	22.88	23.00	22.84		
5	QPSK	12	13	22.77	22.88	22.79		
5	QPSK	25	0	22.77	22.91	22.86		
5	16QAM	1	0	22.88	23.04	22.88	24	0
5	16QAM	1	12	22.88	22.90	22.87		
5	16QAM	1	24	22.67	22.77	22.73		
5	16QAM	12	0	22.70	22.84	22.73	23.5	0.5
5	16QAM	12	7	22.71	22.70	22.63		
5	16QAM	12	13	22.50	22.60	22.56		
5	16QAM	25	0	22.55	22.62	22.51		
5	64QAM	1	0	22.78	22.98	22.88	23.5	0.5
5	64QAM	1	12	22.71	22.92	22.81		
5	64QAM	1	24	22.65	22.69	22.76		
5	64QAM	12	0	21.78	21.84	21.70	22.5	1.5
5	64QAM	12	7	21.70	21.65	21.70		
5	64QAM	12	13	21.68	21.79	21.68		
5	64QAM	25	0	21.60	21.54	21.60		
5	256QAM	1	0	19.75	19.96	19.86	20.5	3.5
5	256QAM	1	12	19.71	19.82	19.75		
5	256QAM	1	24	19.68	19.75	19.74		
5	256QAM	12	0	19.76	19.85	19.84	20.5	3.5
5	256QAM	12	7	19.68	19.78	19.59		
5	256QAM	12	13	19.61	19.64	19.64		
5	256QAM	25	0	19.57	19.64	19.54		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	23.02	23.15	23.13	24	0
3	QPSK	1	8	22.98	22.95	22.96		
3	QPSK	1	14	22.94	22.93	22.99		
3	QPSK	8	0	22.94	23.05	22.96	24	0
3	QPSK	8	4	22.80	22.97	22.91		
3	QPSK	8	7	22.75	22.84	22.78		
3	QPSK	15	0	22.83	22.96	22.80	24	0
3	16QAM	1	0	22.94	23.02	22.85		
3	16QAM	1	8	22.89	22.96	22.87		
3	16QAM	1	14	22.77	22.75	22.66		
3	16QAM	8	0	22.66	22.87	22.79	23.5	0.5
3	16QAM	8	4	22.65	22.65	22.67		
3	16QAM	8	7	22.57	22.68	22.60		
3	16QAM	15	0	22.48	22.60	22.53		
3	64QAM	1	0	22.75	22.92	22.80	23.5	0.5
3	64QAM	1	8	22.66	22.91	22.76		
3	64QAM	1	14	22.65	22.72	22.69		
3	64QAM	8	0	21.76	21.87	21.64	22.5	1.5
3	64QAM	8	4	21.67	21.66	21.62		
3	64QAM	8	7	21.61	21.74	21.57		
3	64QAM	15	0	21.63	21.53	21.58		
3	256QAM	1	0	19.76	19.96	19.83	20.5	3.5
3	256QAM	1	8	19.69	19.85	19.77		
3	256QAM	1	14	19.63	19.72	19.67		
3	256QAM	8	0	19.76	19.83	19.81	20.5	3.5
3	256QAM	8	4	19.66	19.83	19.60		
3	256QAM	8	7	19.62	19.71	19.60		
3	256QAM	15	0	19.50	19.61	19.61		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	23.12	23.12	23.15	24	0
1.4	QPSK	1	3	22.98	22.97	23.05		
1.4	QPSK	1	5	22.93	22.93	22.96		
1.4	QPSK	3	0	22.85	23.09	22.97		
1.4	QPSK	3	1	22.81	22.87	22.82		
1.4	QPSK	3	3	22.81	22.94	22.71		
1.4	QPSK	6	0	22.80	22.86	22.80	24	0
1.4	16QAM	1	0	22.92	23.04	22.83	24	0
1.4	16QAM	1	3	22.86	22.90	22.81		
1.4	16QAM	1	5	22.84	23.00	22.81		
1.4	16QAM	3	0	22.78	22.89	22.78		
1.4	16QAM	3	1	22.85	22.95	22.84		
1.4	16QAM	3	3	22.90	23.03	22.79		
1.4	16QAM	6	0	22.70	22.67	22.69	23.5	0.5
1.4	64QAM	1	0	22.57	22.62	22.57	23.5	0.5
1.4	64QAM	1	3	22.57	22.60	22.55		
1.4	64QAM	1	5	22.70	22.76	22.67		
1.4	64QAM	3	0	22.67	22.86	22.84		
1.4	64QAM	3	1	22.71	22.70	22.69		
1.4	64QAM	3	3	22.72	22.86	22.83		
1.4	64QAM	6	0	21.68	21.91	21.70	22.5	1.5
1.4	256QAM	1	0	19.86	19.92	19.81	20.5	3.5
1.4	256QAM	1	3	19.69	19.76	19.78		
1.4	256QAM	1	5	19.71	19.78	19.65		
1.4	256QAM	3	0	19.73	19.93	19.72		
1.4	256QAM	3	1	19.69	19.76	19.67		
1.4	256QAM	3	3	19.65	19.65	19.58		
1.4	256QAM	6	0	19.54	19.67	19.62	20.5	3.5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	22.53	22.59	22.47	23.7	0
15	QPSK	1	37	22.38	22.39	22.38		
15	QPSK	1	74	22.28	22.37	22.31		
15	QPSK	36	0	22.37	22.54	22.37	23.7	0
15	QPSK	36	20	22.37	22.46	22.31		
15	QPSK	36	39	22.31	22.30	22.34		
15	QPSK	75	0	22.31	22.36	22.29		
15	16QAM	1	0	22.29	22.51	22.36	23.7	0
15	16QAM	1	37	22.34	22.40	22.27		
15	16QAM	1	74	22.28	22.34	22.22		
15	16QAM	36	0	22.33	22.47	22.38	23.2	0.5
15	16QAM	36	20	22.30	22.32	22.26		
15	16QAM	36	39	22.26	22.29	22.26		
15	16QAM	75	0	22.21	22.22	22.14		
15	64QAM	1	0	22.26	22.42	22.27	23.2	0.5
15	64QAM	1	37	22.26	22.27	22.23		
15	64QAM	1	74	22.10	22.25	22.20		
15	64QAM	36	0	21.26	21.37	21.25	22.2	1.5
15	64QAM	36	20	21.21	21.27	21.22		
15	64QAM	36	39	21.11	21.15	21.15		
15	64QAM	75	0	21.04	21.08	21.02		
15	256QAM	1	0	19.46	19.62	19.47	20.2	3.5
15	256QAM	1	37	19.39	19.48	19.44		
15	256QAM	1	74	19.33	19.39	19.39		
15	256QAM	36	0	19.36	19.49	19.36	20.2	3.5
15	256QAM	36	20	19.22	19.40	19.34		
15	256QAM	36	39	19.22	19.34	19.30		
15	256QAM	75	0	19.13	19.21	19.15		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.42	22.46	22.37	23.7	0
10	QPSK	1	25	22.23	22.33	22.23		
10	QPSK	1	49	22.14	22.25	22.20		
10	QPSK	25	0	22.23	22.44	22.27	23.7	0
10	QPSK	25	12	22.24	22.39	22.16		
10	QPSK	25	25	22.26	22.19	22.22		
10	QPSK	50	0	22.28	22.25	22.25		
10	16QAM	1	0	22.17	22.41	22.32	23.7	0
10	16QAM	1	25	22.23	22.36	22.19		
10	16QAM	1	49	22.23	22.20	22.15		
10	16QAM	25	0	22.21	22.41	22.24	23.2	0.5
10	16QAM	25	12	22.23	22.24	22.14		
10	16QAM	25	25	22.17	22.18	22.18		
10	16QAM	50	0	22.10	22.11	22.07		
10	64QAM	1	0	22.16	22.29	22.18	23.2	0.5
10	64QAM	1	25	22.23	22.17	22.11		
10	64QAM	1	49	22.01	22.15	22.13		
10	64QAM	25	0	21.11	21.29	21.21	22.2	1.5
10	64QAM	25	12	21.14	21.22	21.08		
10	64QAM	25	25	21.05	21.07	21.03		
10	64QAM	50	0	20.91	21.02	20.88		
10	256QAM	1	0	19.41	19.50	19.34	20.2	3.5
10	256QAM	1	25	19.32	19.35	19.33		
10	256QAM	1	49	19.19	19.28	19.36		
10	256QAM	25	0	19.28	19.46	19.25	20.2	3.5
10	256QAM	25	12	19.07	19.31	19.21		
10	256QAM	25	25	19.15	19.20	19.16		
10	256QAM	50	0	18.99	19.15	19.04		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.43	22.49	22.40	23.7	0
5	QPSK	1	12	22.25	22.30	22.33		
5	QPSK	1	24	22.23	22.32	22.21		
5	QPSK	12	0	22.34	22.41	22.28	23.7	0
5	QPSK	12	7	22.28	22.33	22.20		
5	QPSK	12	13	22.21	22.24	22.25		
5	QPSK	25	0	22.26	22.23	22.21		
5	16QAM	1	0	22.16	22.46	22.24	23.7	0
5	16QAM	1	12	22.21	22.36	22.16		
5	16QAM	1	24	22.15	22.21	22.13		
5	16QAM	12	0	22.29	22.38	22.25	23.2	0.5
5	16QAM	12	7	22.16	22.28	22.19		
5	16QAM	12	13	22.21	22.22	22.23		
5	16QAM	25	0	22.12	22.14	22.07		
5	64QAM	1	0	22.18	22.32	22.17	23.2	0.5
5	64QAM	1	12	22.21	22.17	22.12		
5	64QAM	1	24	21.97	22.16	22.17		
5	64QAM	12	0	21.15	21.31	21.21	22.2	1.5
5	64QAM	12	7	21.15	21.18	21.14		
5	64QAM	12	13	21.02	21.12	21.03		
5	64QAM	25	0	20.94	21.01	20.87		
5	256QAM	1	0	19.36	19.50	19.39	20.2	3.5
5	256QAM	1	12	19.26	19.34	19.30		
5	256QAM	1	24	19.29	19.31	19.31		
5	256QAM	12	0	19.31	19.43	19.26	20.2	3.5
5	256QAM	12	7	19.13	19.31	19.27		
5	256QAM	12	13	19.17	19.29	19.17		
5	256QAM	25	0	19.06	19.14	19.01		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.50	22.50	22.37	23.7	0
3	QPSK	1	8	22.34	22.32	22.23		
3	QPSK	1	14	22.14	22.29	22.19		
3	QPSK	8	0	22.30	22.51	22.31	23.7	0
3	QPSK	8	4	22.32	22.33	22.16		
3	QPSK	8	7	22.22	22.27	22.23		
3	QPSK	15	0	22.24	22.33	22.22		
3	16QAM	1	0	22.21	22.44	22.30	23.7	0
3	16QAM	1	8	22.29	22.36	22.13		
3	16QAM	1	14	22.22	22.28	22.18		
3	16QAM	8	0	22.21	22.42	22.28	23.2	0.5
3	16QAM	8	4	22.25	22.24	22.18		
3	16QAM	8	7	22.22	22.21	22.15		
3	16QAM	15	0	22.17	22.08	22.09		
3	64QAM	1	0	22.19	22.38	22.12	23.2	0.5
3	64QAM	1	8	22.21	22.24	22.14		
3	64QAM	1	14	22.00	22.22	22.14		
3	64QAM	8	0	21.18	21.29	21.13	22.2	1.5
3	64QAM	8	4	21.10	21.19	21.13		
3	64QAM	8	7	20.98	21.05	21.06		
3	64QAM	15	0	20.99	21.02	20.89		
3	256QAM	1	0	19.41	19.53	19.37	20.2	3.5
3	256QAM	1	8	19.30	19.41	19.35		
3	256QAM	1	14	19.19	19.25	19.28		
3	256QAM	8	0	19.29	19.42	19.30	20.2	3.5
3	256QAM	8	4	19.10	19.29	19.25		
3	256QAM	8	7	19.17	19.26	19.16		
3	256QAM	15	0	19.08	19.16	19.01		
Channel				26907	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.45	22.52	22.42	23.7	0
1.4	QPSK	1	3	22.33	22.31	22.26		
1.4	QPSK	1	5	22.14	22.24	22.27		
1.4	QPSK	3	0	22.31	22.42	22.34		
1.4	QPSK	3	1	22.33	22.34	22.17		
1.4	QPSK	3	3	22.28	22.17	22.26		
1.4	QPSK	6	0	22.19	22.30	22.22	23.7	0
1.4	16QAM	1	0	22.14	22.45	22.29	23.7	0
1.4	16QAM	1	3	22.21	22.37	22.24		
1.4	16QAM	1	5	22.24	22.24	22.14		
1.4	16QAM	3	0	22.26	22.39	22.33		
1.4	16QAM	3	1	22.21	22.31	22.24		
1.4	16QAM	3	3	22.19	22.23	22.13		
1.4	16QAM	6	0	22.22	22.37	22.35	23.2	0.5
1.4	64QAM	1	0	22.21	22.29	22.20	23.2	0.5
1.4	64QAM	1	3	22.16	22.16	22.22		
1.4	64QAM	1	5	22.15	22.09	22.07		
1.4	64QAM	3	0	22.22	22.36	22.17		
1.4	64QAM	3	1	22.11	22.14	22.19		
1.4	64QAM	3	3	22.06	22.12	22.12		
1.4	64QAM	6	0	21.13	21.34	21.18	22.2	1.5
1.4	256QAM	1	0	19.38	19.54	19.42	20.2	3.5
1.4	256QAM	1	3	19.32	19.36	19.34		
1.4	256QAM	1	5	19.27	19.29	19.31		
1.4	256QAM	3	0	19.27	19.37	19.29		
1.4	256QAM	3	1	19.09	19.31	19.29		
1.4	256QAM	3	3	19.16	19.22	19.22		
1.4	256QAM	6	0	19.08	19.11	19.08	20.2	3.5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		20.82		21.8	0
10	QPSK	1	25		20.77			
10	QPSK	1	49		20.73			
10	QPSK	25	0		20.79		21.8	0
10	QPSK	25	12		20.71			
10	QPSK	25	25		20.69			
10	QPSK	50	0		20.75			
10	16QAM	1	0		20.68		21.8	0
10	16QAM	1	25		20.72			
10	16QAM	1	49		20.70			
10	16QAM	25	0		20.70		21.8	0
10	16QAM	25	12		20.76			
10	16QAM	25	25		20.71			
10	16QAM	50	0		20.64			
10	64QAM	1	0		20.81		21.8	0
10	64QAM	1	25		20.67			
10	64QAM	1	49		20.70			
10	64QAM	25	0		20.75		21	0.8
10	64QAM	25	12		20.57			
10	64QAM	25	25		20.50			
10	64QAM	50	0		20.53			
10	256QAM	1	0		19.38		20	1.8
10	256QAM	1	25		19.22			
10	256QAM	1	49		19.22			
10	256QAM	25	0		18.96		20	1.8
10	256QAM	25	12		18.85			
10	256QAM	25	25		18.78			
10	256QAM	50	0		18.73			
Channel				27585	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	20.71	20.78	20.76	21.8	0
5	QPSK	1	12	20.63	20.63	20.62		
5	QPSK	1	24	20.58	20.62	20.59		
5	QPSK	12	0	20.70	20.75	20.68	21.8	0
5	QPSK	12	7	20.66	20.65	20.62		
5	QPSK	12	13	20.56	20.62	20.55		
5	QPSK	25	0	20.60	20.70	20.66		
5	16QAM	1	0	20.56	20.58	20.55	21.8	0
5	16QAM	1	12	20.67	20.64	20.65		
5	16QAM	1	24	20.57	20.67	20.58		
5	16QAM	12	0	20.63	20.66	20.59	21.8	0
5	16QAM	12	7	20.69	20.72	20.68		
5	16QAM	12	13	20.62	20.58	20.64		
5	16QAM	25	0	20.60	20.50	20.51		
5	64QAM	1	0	20.65	20

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	20.71	20.76	20.63		
20	QPSK	1	49	20.63	20.72	20.62	21.9	0
20	QPSK	1	99	20.48	20.65	20.57		
20	QPSK	50	0	20.57	20.67	20.54		
20	QPSK	50	24	20.54	20.63	20.47	21.9	0
20	QPSK	50	50	20.50	20.65	20.59		
20	QPSK	100	0	20.49	20.60	20.53		
20	16QAM	1	0	20.51	20.53	20.37		
20	16QAM	1	49	20.50	20.69	20.58	21.9	0
20	16QAM	1	99	20.40	20.65	20.43		
20	16QAM	50	0	20.61	20.59	20.54		
20	16QAM	50	24	20.55	20.62	20.57	21.9	0
20	16QAM	50	50	20.46	20.62	20.52		
20	16QAM	100	0	20.56	20.66	20.64		
20	64QAM	1	0	20.44	20.51	20.38		
20	64QAM	1	49	20.41	20.60	20.46	21.9	0
20	64QAM	1	99	20.42	20.47	20.53		
20	64QAM	50	0	20.55	20.59	20.46		
20	64QAM	50	24	20.50	20.63	20.53	21.9	0
20	64QAM	50	50	20.53	20.60	20.50		
20	64QAM	100	0	20.48	20.45	20.41		
20	256QAM	1	0	18.86	19.07	18.93		
20	256QAM	1	49	18.89	18.92	18.84	20.5	1.4
20	256QAM	1	99	18.81	18.84	18.83		
20	256QAM	50	0	18.84	18.98	18.80		
20	256QAM	50	24	18.78	18.86	18.74	20.5	1.4
20	256QAM	50	50	18.69	18.77	18.73		
20	256QAM	100	0	18.71	18.70	18.65		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	20.56	20.70	20.59		
15	QPSK	1	37	20.55	20.59	20.53	21.9	0
15	QPSK	1	74	20.36	20.52	20.48		
15	QPSK	36	0	20.45	20.57	20.41		
15	QPSK	36	20	20.44	20.54	20.39	21.9	0
15	QPSK	36	39	20.42	20.56	20.54		
15	QPSK	75	0	20.41	20.46	20.47		
15	16QAM	1	0	20.43	20.38	20.27		
15	16QAM	1	37	20.45	20.58	20.51	21.9	0
15	16QAM	1	74	20.33	20.56	20.34		
15	16QAM	36	0	20.52	20.48	20.43		
15	16QAM	36	20	20.45	20.56	20.53	21.9	0
15	16QAM	36	39	20.34	20.57	20.43		
15	16QAM	75	0	20.49	20.55	20.61		
15	64QAM	1	0	20.33	20.46	20.24		
15	64QAM	1	37	20.28	20.49	20.36	21.9	0
15	64QAM	1	74	20.32	20.39	20.49		
15	64QAM	36	0	20.47	20.44	20.38		
15	64QAM	36	20	20.42	20.57	20.47	21.9	0
15	64QAM	36	39	20.50	20.56	20.36		
15	64QAM	75	0	20.41	20.40	20.35		
15	256QAM	1	0	18.78	18.99	18.80		
15	256QAM	1	37	18.82	18.89	18.78	20.5	1.4
15	256QAM	1	74	18.75	18.79	18.77		
15	256QAM	36	0	18.80	18.86	18.69		
15	256QAM	36	20	18.73	18.73	18.60	20.5	1.4
15	256QAM	36	39	18.58	18.69	18.63		
15	256QAM	75	0	18.63	18.61	18.56		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	20.57	20.65	20.54		
10	QPSK	1	25	20.56	20.60	20.56	21.9	0
10	QPSK	1	49	20.44	20.61	20.47		
10	QPSK	25	0	20.43	20.53	20.49		
10	QPSK	25	12	20.49	20.51	20.39	21.9	0
10	QPSK	25	25	20.37	20.62	20.52		
10	QPSK	50	0	20.45	20.51	20.43		
10	16QAM	1	0	20.44	20.49	20.22		
10	16QAM	1	25	20.46	20.54	20.46	21.9	0
10	16QAM	1	49	20.32	20.52	20.34		
10	16QAM	25	0	20.53	20.48	20.48		
10	16QAM	25	12	20.48	20.55	20.43	21.9	0
10	16QAM	25	25	20.38	20.52	20.38		
10	16QAM	50	0	20.47	20.53	20.49		
10	64QAM	1	0	20.37	20.40	20.24		
10	64QAM	1	25	20.28	20.55	20.41	21.9	0
10	64QAM	1	49	20.31	20.42	20.44		
10	64QAM	25	0	20.51	20.53	20.34		
10	64QAM	25	12	20.43	20.52	20.39	21.9	0
10	64QAM	25	25	20.47	20.54	20.41		
10	64QAM	50	0	20.36	20.36	20.34		
10	256QAM	1	0	18.76	18.96	18.81		
10	256QAM	1	25	18.79	18.82	18.80	20.5	1.4
10	256QAM	1	49	18.73	18.70	18.77		
10	256QAM	25	0	18.71	18.87	18.74		
10	256QAM	25	12	18.75	18.81	18.63	20.5	1.4
10	256QAM	25	25	18.60	18.65	18.62		
10	256QAM	50	0	18.63	18.57	18.53		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	20.63	20.73	20.50		
5	QPSK	1	12	20.51	20.62	20.59	21.9	0
5	QPSK	1	24	20.40	20.50	20.51		
5	QPSK	12	0	20.50	20.52	20.43		
5	QPSK	12	7	20.50	20.49	20.44	21.9	0
5	QPSK	12	13	20.45	20.55	20.49		
5	QPSK	25	0	20.37	20.54	20.44		
5	16QAM	1	0	20.43	20.41	20.24		
5	16QAM	1	12	20.42	20.58	20.49	21.9	0
5	16QAM	1	24	20.35	20.60	20.30		
5	16QAM	12	0	20.49	20.51	20.47		
5	16QAM	12	7	20.52	20.58	20.52	21.9	0
5	16QAM	12	13	20.36	20.50	20.40		
5	16QAM	25	0	20.47	20.56	20.60		
5	64QAM	1	0	20.36	20.40	20.31		
5	64QAM	1	12	20.32	20.51	20.34	21.9	0
5	64QAM	1	24	20.29	20.43	20.42		
5	64QAM	12	0	20.43	20.56	20.38		
5	64QAM	12	7	20.45	20.52	20.39	21.9	0
5	64QAM	12	13	20.46	20.56	20.37		
5	64QAM	25	0	20.36	20.36	20.28		
5	256QAM	1	0	18.76	19.01	18.86		
5	256QAM	1	12	18.77	18.84	18.80	20.5	1.4
5	256QAM	1	24	18.71	18.76	18.78		
5	256QAM	12	0	18.72	18.83	18.71		
5	256QAM	12	7	18.71	18.72	18.68	20.5	1.4
5	256QAM	12	13	18.65	18.66	18.61		
5	256QAM	25	0	18.62	18.61	18.61		
Channel				131982	132322	132662	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	20.58	20.71	20.51		
3	QPSK	1	8	20.52	20.67	20.53	21.9	0
3	QPSK	1	14	20.35	20.58	20.47		
3	QPSK	8	0	20.49	20.61	20.49		
3	QPSK	8	4	20.48	20.51	20.32	21.9	0
3	QPSK	8	7	20.35	20.51	20.53		
3	QPSK	15	0	20.36	20.49	20.42		
3	16QAM	1	0	20.39	20.42	20.23		
3	16QAM	1	8	20.46	20.64	20.49	21.9	0
3	16QAM	1	14	20.25	20.51	20.39		
3	16QAM	8	0	20.50	20.54	20.43		
3	16QAM	8	4	20.52	20.53	20.43	21.9	0
3	16QAM	8	7	20.41	20.54	20.46		
3	16QAM	15	0	20.53	20.62	20.59		
3	64QAM	1	0	20.35	20.42	20.29		
3	64QAM	1	8	20.36	20.46	20.42	21.9	0
3	64QAM	1	14	20.30	20.39	20.43		
3	64QAM	8	0	20.40	20.54	20.42		
3	64QAM	8	4	20.39	20.51	20.47	21.9	0
3	64QAM	8	7	20.47	20.47	20.44		
3	64QAM	15	0	20.33	20.32	20.34		
3	256QAM	1	0	18.75	18.99	18.84		
3	256QAM	1	8	18.85	18.86	18.79	20.5	1.4
3	256QAM	1	14	18.74	18.81	18.70		
3	256QAM	8	0	18.69	18.88	18.73		
3	256QAM	8	4	18.75	18.75	18.68	20.5	1.4
3	256QAM	8	7	18.60	18.72	18.60		
3	256QAM	15	0	18.58	18.62	18.62		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	20.67	20.68	20.57		
1.4	QPSK	1	3	20.55	20.59	20.56		
1.4	QPSK	1	5	20.34	20.52	20.48	21.9	0
1.4	QPSK	3	0	20.46	20.56	20.49		
1.4	QPSK	3	1	20.49	20.56	20.37		
1.4	QPSK	3	3	20.44	20.52	20.54		
1.4	QPSK	6	0	20.37	20.51	20.45	21.9	0
1.4	16QAM	1	0	20.39	20.42	20.25		
1.4	16QAM	1	3	20.35	20.61	20.53		
1.4	16QAM	1	5	20.29	20.58	20.34	21.9	0
1.4	16QAM	3	0	20.58	20.47	20.47		
1.4	16QAM	3	1	20.42	20.50	20.51		
1.4	16QAM	3	3	20.41	20.47	20.41		
1.4	16QAM	6	0	20.48	20.62	20.50	21.9	0
1.4	64QAM	1	0	20.41	20.36	20.34		
1.4	64QAM	1	3	20.35	20.55	20.37		
1.4	64QAM	1	5	20.29	20.44	20.45	21.9	0
1.4	64QAM	3	0	20.49	20.51	20.37		
1.4	64QAM	3	1	20.43	20.50	20.40		
1.4	64QAM	3	3	20.48	20.45	20.39		
1.4	64QAM	6	0	20.38	20.36	20.35	21.9	0
1.4	256QAM	1	0	18.73	18.99	18.89		
1.4	256QAM	1	3	18.78	18.85	18.75		
1.4	256QAM	1	5	18.76	18.69	18.69	20.5	1.4
1.4	256QAM	3	0	18.80	18.86	18.76		
1.4	256QAM	3	1	18.74	18.79	18.59		
1.4	256QAM	3	3	18.66	18.69	18.61		
1.4	256QAM	6	0	18.64	18.58	18.60	20.5	1.4

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				133222	133322	133372		
Frequency (MHz)				673	683	688		
20	QPSK	1	0	22.95	23.04	22.89		
20	QPSK	1	49	22.84	22.87	22.77	24	0
20	QPSK	1	99	22.71	22.88	22.66		
20	QPSK	50	0	22.76	22.94	22.84		
20	QPSK	50	24	22.77	22.77	22.75	24	0
20	QPSK	50	50	22.71	22.73	22.66		
20	QPSK	100	0	22.66	22.76	22.70		
20	16QAM	1	0	22.78	22.92	22.73		
20	16QAM	1	49	22.69	22.83	22.73	24	0
20	16QAM	1	99	22.61	22.76	22.66		
20	16QAM	50	0	22.53	22.74	22.61		
20	16QAM	50	24	22.50	22.54	22.54	23.5	0.5
20	16QAM	50	50	22.48	22.60	22.51		
20	16QAM	100	0	22.46	22.54	22.45		
20	64QAM	1	0	22.73	22.88	22.76		
20	64QAM	1	49	22.72	22.75	22.72	23.5	0.5
20	64QAM	1	99	22.64	22.69	22.60		
20	64QAM	50	0	21.67	21.83	21.73		
20	64QAM	50	24	21.63	21.72	21.69	22.5	1.5
20	64QAM	50	50	21.56	21.61	21.62		
20	64QAM	100	0	21.49	21.55	21.55		
20	256QAM	1	0	19.64	19.81	19.72		
20	256QAM	1	49	19.57	19.61	19.61	20.5	3.5
20	256QAM	1	99	19.58	19.64	19.55		
20	256QAM	50	0	19.59	19.77	19.58		
20	256QAM	50	24	19.56	19.64	19.53	20.5	3.5
20	256QAM	50	50	19.54	19.64	19.50		
20	256QAM	100	0	19.43	19.48	19.47		
Channel				133197	133297	133397	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	0	22.85	23.00	22.78		
15	QPSK	1	37	22.71	22.75	22.65	24	0
15	QPSK	1	74	22.67	22.82	22.58		
15	QPSK	36	0	22.69	22.88	22.74		
15	QPSK	36	20	22.64	22.63	22.66	24	0
15	QPSK	36	39	22.68	22.64	22.53		
15	QPSK	75	0	22.58	22.61	22.59		
15	16QAM	1	0	22.68	22.78	22.64		
15	16QAM	1	37	22.64	22.69	22.66	24	0
15	16QAM	1	74	22.47	22.69	22.59		
15	16QAM	36	0	22.44	22.62	22.52		
15	16QAM	36	20	22.40	22.49	22.49	23.5	0.5
15	16QAM	36	39	22.45	22.46	22.40		
15	16QAM	75	0	22.33	22.41	22.41		
15	64QAM	1	0	22.68	22.82	22.67		
15	64QAM	1	37	22.68	22.63	22.67	23.5	0.5
15	64QAM	1	74	22.59	22.57	22.55		
15	64QAM	36	0	21.61	21.78	21.58		
15	64QAM	36	20	21.49	21.59	21.57	22.5	1.5
15	64QAM	36	39	21.46	21.47	21.57		
15	64QAM	75	0	21.46	21.50	21.44		
15	256QAM	1	0	19.52	19.68	19.62		
15	256QAM	1	37	19.47	19.53	19.46	20.5	3.5
15	256QAM	1	74	19.54	19.57	19.45		
15	256QAM	36	0	19.48	19.65	19.46		
15	256QAM	36	20	19.43	19.55	19.48	20.5	3.5
15	256QAM	36	39	19.50	19.60	19.43		
15	256QAM	75	0	19.31	19.37	19.36		
Channel				133172	133272	133422	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	678	693		
10	QPSK	1	0	22.83	22.96	22.78		
10	QPSK	1	25	22.75	22.74	22.64	24	0
10	QPSK	1	49	22.67	22.83	22.59		
10	QPSK	25	0	22.71	22.81	22.73		
10	QPSK	25	12	22.70	22.73	22.63	24	0
10	QPSK	25	25	22.66	22.65	22.56		
10	QPSK	50	0	22.60	22.71	22.59		
10	16QAM	1	0	22.73	22.77	22.64		
10	16QAM	1	25	22.58	22.72	22.69	24	0
10	16QAM	1	49	22.50	22.67	22.62		
10	16QAM	25	0	22.42	22.62	22.55		
10	16QAM	25	12	22.40	22.47	22.49	23.5	0.5
10	16QAM	25	25	22.42	22.46	22.40		
10	16QAM	50	0	22.32	22.50	22.40		
10	64QAM	1	0	22.64	22.73	22.65		
10	64QAM	1	25	22.63	22.61	22.59	23.5	0.5
10	64QAM	1	49	22.54	22.55	22.49		
10	64QAM	25	0	21.63	21.71	21.60		
10	64QAM	25	12	21.52	21.63	21.58	22.5	1.5
10	64QAM	25	25	21.41	21.54	21.55		
10	64QAM	50	0	21.35	21.51	21.48		
10	256QAM	1	0	19.60	19.72	19.61		
10	256QAM	1	25	19.42	19.49	19.48	20.5	3.5
10	256QAM	1	49	19.53	19.51	19.49		
10	256QAM	25	0	19.52	19.72	19.55		
10	256QAM	25	12	19.43	19.55	19.43	20.5	3.5
10	256QAM	25	25	19.44	19.53	19.37		
10	256QAM	50	0	19.36	19.37	19.36		
Channel				133147	133247	133447	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	675.5	695.5		
5	QPSK	1	0	22.82	22.90	22.82		
5	QPSK	1	12	22.78	22.83	22.63	24	0
5	QPSK	1	24	22.64	22.84	22.53		
5	QPSK	12	0	22.68	22.81	22.80		
5	QPSK	12	7	22.64	22.69	22.61	24	0
5	QPSK	12	13	22.59	22.60	22.57		
5	QPSK	25	0	22.57	22.71	22.65		
5	16QAM	1	0	22.68	22.82	22.63		
5	16QAM	1	12	22.54	22.75	22.69	24	0
5	16QAM	1	24	22.54	22.70	22.61		
5	16QAM	12	0	22.49	22.71	22.49		
5	16QAM	12	7	22.43	22.42	22.43	23.5	0.5
5	16QAM	12	13	22.38	22.54	22.42		
5	16QAM	25	0	22.42	22.42	22.41		
5	64QAM	1	0	22.68	22.80	22.62		
5	64QAM	1	12	22.62	22.61	22.57	23.5	0.5
5	64QAM	1	24	22.58	22.55	22.46		
5	64QAM	12	0	21.61	21.71	21.64		
5	64QAM	12	7	21.52	21.65	21.63	22.5	1.5
5	64QAM	12	13	21.42	21.50	21.51		
5	64QAM	25	0	21.39	21.43	21.52		
5	256QAM	1	0	19.60	19.74	19.68		
5	256QAM	1	12	19.44	19.48	19.56	20.5	3.5
5	256QAM	1	24	19.45	19.60	19.40		
5	256QAM	12	0	19.54	19.63	19.45		
5	256QAM	12	7	19.41	19.50	19.41	20.5	3.5
5	256QAM	12	13	19.44	19.52	19.40		
5	256QAM	25	0	19.31	19.43	19.36		

Band 38 Default Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	20.67	20.69	20.50		
20	QPSK	1	49	20.46	20.43	20.46	22	0
20	QPSK	1	99	20.47	20.43	20.40		
20	QPSK	50	0	20.47	20.55	20.33		
20	QPSK	50	24	20.36	20.50	20.42	22	0
20	QPSK	50	50	20.23	20.36	20.32		
20	QPSK	100	0	20.37	20.52	20.33		
20	16QAM	1	0	20.46	20.57	20.39		
20	16QAM	1	49	20.36	20.45	20.33	22	0
20	16QAM	1	99	20.29	20.33	20.40		
20	16QAM	50	0	20.06	20.23	20.04		
20	16QAM	50	24	20.10	20.06	20.05	21.5	0.5
20	16QAM	50	50	19.87	20.03	19.96		
20	16QAM	100	0	19.92	20.11	20.00		
20	64QAM	1	0	20.03	20.26	20.03		
20	64QAM	1	49	19.94	20.04	20.10	21.5	0.5
20	64QAM	1	99	20.10	20.01	20.06		
20	64QAM	50	0	19.86	20.04	19.95		
20	64QAM	50	24	19.83	19.90	19.89	20.5	1.5
20	64QAM	50	50	19.82	19.86	19.83		
20	64QAM	100	0	19.85	19.88	19.79		
20	256QAM	1	0	17.91	18.08	17.94		
20	256QAM	1	49	17.82	18.08	17.92	18.5	3.5
20	256QAM	1	99	17.86	17.85	17.87		
20	256QAM	50	0	17.94	18.06	17.97		
20	256QAM	50	24	17.90	17.95	17.90	18.5	3.5
20	256QAM	50	50	17.77	17.87	17.81		
20	256QAM	100	0	17.91	18.03	17.94		
Channel				37525	38000	38175	Tune-up limit	MPR
Frequency (MHz)				2577.5	2595	2612.5	(dBm)	(dB)
15	QPSK	1	0	20.50	20.60	20.47		
15	QPSK	1	37	20.29	20.36	20.42	22	0
15	QPSK	1	74	20.40	20.36	20.23		
15	QPSK	36	0	20.30	20.38	20.27		
15	QPSK	36	20	20.24	20.39	20.31	22	0
15	QPSK	36	39	20.17	20.27	20.24		
15	QPSK	75	0	20.31	20.39	20.25		
15	16QAM	1	0	20.31	20.44	20.25		
15	16QAM	1	37	20.27	20.37	20.17	22	0
15	16QAM	1	74	20.25	20.23	20.33		
15	16QAM	36	0	19.95	20.20	19.88		
15	16QAM	36	20	19.92	19.95	19.95	21.5	0.5
15	16QAM	36	39	19.79	19.93	19.83		
15	16QAM	75	0	19.85	19.99	19.88		
15	64QAM	1	0	19.94	20.23	19.99		
15	64QAM	1	37	19.77	19.97	20.07	21.5	0.5
15	64QAM	1	74	20.01	19.95	19.99		
15	64QAM	36	0	19.77	20.01	19.81		
15	64QAM	36	20	19.73	19.86	19.85	20.5	1.5
15	64QAM	36	39	19.71	19.72	19.79		
15	64QAM	75	0	19.75	19.85	19.69		
15	256QAM	1	0	17.78	17.97	17.88		
15	256QAM	1	37	17.70	18.04	17.89	18.5	3.5
15	256QAM	1	74	17.73	17.82	17.72		
15	256QAM	36	0	17.83	18.00	17.92		
15	256QAM	36	20	17.86	17.89	17.82	18.5	3.5
15	256QAM	36	39	17.64	17.77	17.71		
15	256QAM	75	0	17.79	17.99	17.87		
Channel				37500	38000	38200	Tune-up limit	MPR
Frequency (MHz)				2575	2595	2615	(dBm)	(dB)
10	QPSK	1	0	20.56	20.52	20.46		
10	QPSK	1	25	20.31	20.39	20.41	22	0
10	QPSK	1	49	20.35	20.26	20.34		
10	QPSK	25	0	20.37	20.42	20.22		
10	QPSK	25	12	20.24	20.40	20.26	22	0
10	QPSK	25	25	20.17	20.25	20.22		
10	QPSK	50	0	20.34	20.42	20.28		
10	16QAM	1	0	20.32	20.41	20.25		
10	16QAM	1	25	20.22	20.33	20.29	22	0
10	16QAM	1	49	20.15	20.17	20.33		
10	16QAM	25	0	20.04	20.20	19.98		
10	16QAM	25	12	20.04	19.93	19.90	21.5	0.5
10	16QAM	25	25	19.81	19.86	19.87		
10	16QAM	50	0	19.86	20.04	19.84		
10	64QAM	1	0	19.89	20.09	20.01		
10	64QAM	1	25	19.82	20.01	20.01	21.5	0.5
10	64QAM	1	49	20.06	19.83	20.04		
10	64QAM	25	0	19.81	20.00	19.81		
10	64QAM	25	12	19.71	19.85	19.78	20.5	1.5
10	64QAM	25	25	19.74	19.71	19.75		
10	64QAM	50	0	19.80	19.83	19.72		
10	256QAM	1	0	17.81	18.03	17.84		
10	256QAM	1	25	17.73	17.97	17.88	18.5	3.5
10	256QAM	1	49	17.71	17.70	17.74		
10	256QAM	25	0	17.84	17.93	17.84		
10	256QAM	25	12	17.80	17.91	17.85	18.5	3.5
10	256QAM	25	25	17.69	17.82	17.69		
10	256QAM	50	0	17.85	17.98	17.84		
Channel				37775	38000	38225	Tune-up limit	MPR
Frequency (MHz)				2572.5	2595	2617.5	(dBm)	(dB)
5	QPSK	1	0	20.56	20.61	20.38		
5	QPSK	1	12	20.31	20.32	20.37	22	0
5	QPSK	1	24	20.44	20.39	20.33		
5	QPSK	12	0	20.38	20.46	20.20		
5	QPSK	12	7	20.24	20.42	20.36	22	0
5	QPSK	12	13	20.11	20.29	20.18		
5	QPSK	25	0	20.20	20.39	20.29		
5	16QAM	1	0	20.31	20.44	20.23		
5	16QAM	1	12	20.28	20.39	20.15	22	0
5	16QAM	1	24	20.16	20.29	20.25		
5	16QAM	12	0	19.93	20.17	19.96		
5	16QAM	12	7	19.97	19.92	20.00	21.5	0.5
5	16QAM	12	13	19.77	19.93	19.80		
5	16QAM	25	0	19.82	19.96	19.93		
5	64QAM	1	0	19.94	20.12	20.00		
5	64QAM	1	12	19.89	19.98	20.03	21.5	0.5
5	64QAM	1	24	19.95	19.91	19.99		
5	64QAM	12	0	19.78	19.89	19.81		
5	64QAM	12	7	19.75	19.78	19.75	20.5	1.5
5	64QAM	12	13	19.72	19.78	19.71		
5	64QAM	25	0	19.80	19.78	19.66		
5	256QAM	1	0	17.83	18.01	17.86		
5	256QAM	1	12	17.74	18.03	17.82	18.5	3.5
5	256QAM	1	24	17.74	17.70	17.78		
5	256QAM	12	0	17.86	17.93	17.85		
5	256QAM	12	7	17.79	17.86	17.86	18.5	3.5
5	256QAM	12	13	17.70	17.81	17.70		
5	256QAM	25	0	17.87	17.89	17.89		

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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	20.99	21.05	21.15	21.08	21.03		
20	QPSK	1	49	20.81	21.06	21.02	20.85	20.87	22.2	0
20	QPSK	1	99	20.82	20.80	20.96	20.80	20.90		
20	QPSK	50	0	20.97	20.91	21.09	20.99	20.99		
20	QPSK	50	24	20.79	20.83	20.77	20.81	20.77	22.2	0
20	QPSK	50	50	20.86	20.77	20.79	20.69	20.85		
20	QPSK	100	0	20.90	20.76	21.02	20.73	20.87		
20	16QAM	1	0	20.87	20.79	20.97	20.76	20.85		
20	16QAM	1	49	20.63	20.71	20.82	20.87	20.61	22.2	0
20	16QAM	1	99	20.62	20.82	20.75	20.78	20.75		
20	16QAM	50	0	20.98	20.87	21.03	20.89	20.99		
20	16QAM	50	24	20.79	20.81	20.85	20.94	20.92	22.2	0
20	16QAM	50	50	20.76	20.79	20.90	20.81	20.68		
20	16QAM	100	0	21.02	20.85	21.09	20.92	20.97		
20	64QAM	1	0	21.11	20.97	21.10	21.01	21.04		
20	64QAM	1	49	20.99	21.00	21.07	21.00	20.97	22.2	0
20	64QAM	1	99	20.95	20.96	20.97	20.89	20.88		
20	64QAM	50	0	20.27	20.27	20.40	20.30	20.31		
20	64QAM	50	24	20.23	20.24	20.32	20.22	20.29	21.5	0.7
20	64QAM	50	50	20.19	20.18	20.24	20.13	20.17		
20	64QAM	100	0	20.10	20.14	20.22	20.25	20.10		
20	256QAM	1	0	18.24	18.20	18.37	18.24	18.23		
20	256QAM	1	49	18.27	18.18	18.37	18.16	18.24	19.5	2.7
20	256QAM	1	99	18.10	18.08	18.23	18.15	18.16		
20	256QAM	50	0	18.19	18.14	18.34	18.19	18.19		
20	256QAM	50	24	18.19	18.14	18.24	18.10	18.14	19.5	2.7
20	256QAM	50	50	18.12	18.05	18.20	18.09	18.10		
20	256QAM	100	0	18.14	18.16	18.28	18.10	18.17		
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	20.89	20.99	21.10	21.02	21.01		
15	QPSK	1	37	20.71	21.04	20.92	20.79	20.85	22.20	0
15	QPSK	1	74	20.78	20.70	20.91	20.76	20.77		
15	QPSK	36	0	20.91	20.89	21.01	20.88	20.92		
15	QPSK	36	20	20.70	20.74	20.74	20.71	20.67	22.2	0
15	QPSK	36	39	20.80	20.73	20.73	20.66	20.81		
15	QPSK	75	0	20.82	20.74	20.91	20.61	20.74		
15	16QAM	1	0	20.84	20.69	20.90	20.68	20.74		
15	16QAM	1	37	20.59	20.57	20.77	20.78	20.56	22.2	0
15	16QAM	1	74	20.52	20.80	20.70	20.68	20.72		
15	16QAM	36	0	20.91	20.84	20.91	20.87	20.88		
15	16QAM	36	20	20.69	20.76	20.71	20.87	20.85	22.2	0
15	16QAM	36	39	20.67	20.72	20.82	20.73	20.64		
15	16QAM	75	0	20.89	20.72	20.96	20.79	20.89		
15	64QAM	1	0	21.04	20.86	21.12	20.95	21.02		
15	64QAM	1	37	20.92	20.95	21.02	20.97	20.85	22.2	0
15	64QAM	1	74	20.90	20.84	20.86	20.86	20.85		
15	64QAM	36	0	20.20	20.19	20.36	20.20	20.20		
15	64QAM	36	20	20.09	20.09	20.26	20.17	20.18	21.5	0.7
15	64QAM	36	39	20.10	20.15	20.18	19.98	20.12		
15	64QAM	75	0	19.99	20.05	20.08	20.12	20.00		
15	256QAM	1	0	18.15	18.14	18.29	18.13	18.19		
15	256QAM	1	37	18.20	18.10	18.33	18.02	18.12	19.5	2.7
15	256QAM	1	74	18.04	18.02	18.12	18.11	18.08		
15	256QAM	36	0	18.07	18.07	18.21	18.13	18.15		
15	256QAM	36	20	18.12	18.03	18.16	17.98	18.05	19.5	2.7
15	256QAM	36	39	18.08	17.93	18.11	18.02	18.01		
15	256QAM	75	0	18.10	18.11	18.16	18.03	18.06		
Channel				39700	40160	40620	41080	41540	Tune-up limit	MPR
Frequency (MHz)				2501	2547	2593	2639	2685	(dBm)	(dB)
10	QPSK	1	0	20.94	20.92	21.11	20.99	21.00		
10	QPSK	1	25	20.71	20.94	20.98	20.83	20.78	22.20	0
10	QPSK	1	49	20.72	20.71	20.83	20.76	20.86		
10	QPSK	25	0	20.93	20.82	20.98	20.89	20.93		
10	QPSK	25	12	20.62	20.78	20.70	20.75	20.70	22.2	0
10	QPSK	25	25	20.76	20.72	20.65	20.58	20.82		
10	QPSK	50	0	20.82	20.71	20.92	20.70	20.80		
10	16QAM	1	0	20.83	20.66	20.94	20.63	20.73		
10	16QAM	1	25	20.55	20.59	20.74	20.75	20.52	22.2	0
10	16QAM	1	49	20.49	20.69	20.65	20.73	20.64		
10	16QAM	25	0	20.89	20.79	20.92	20.80	20.85		
10	16QAM	25	12	20.73	20.76	20.76	20.91	20.82	22.2	0
10	16QAM	25	25	20.73	20.70	20.80	20.68	20.63		
10	16QAM	50	0	20.94	20.77	21.01	20.88	20.90		
10	64QAM	1	0	21.07	20.90	21.05	20.94	20.92		
10	64QAM	1	25	20.91	20.90	21.04	20.92	20.92	22.2	0
10	64QAM	1	49	20.87	20.92	20.94	20.79	20.80		
10	64QAM	25	0	20.12	20.17	20.30	20.26	20.23		
10	64QAM	25	12	20.16	20.15	20.19	20.10	20.26	21.5	0.7
10	64QAM	25	25	20.10	20.14	20.18	20.10	20.03		
10	64QAM	50	0	20.00	20.01	20.18	20.12	20.06		
10	256QAM	1	0	18.15	18.06	18.33	18.21	18.20		
10	256QAM	1	25	18.16	18.08	18.29	18.07	18.12	19.5	2.7
10	256QAM	1	49	18.05	17.99	18.18	18.12	18.02		
10	256QAM	25	0	18.14	18.09	18.20	18.09	18.10		
10	256QAM	25	12	18.13	18.09	18.09	17.97	18.09	19.5	2.7
10	256QAM	25	25	18.09	18.01	18.10	17.97	17.95		
10	256QAM	50	0	18.08	18.10	18.17	17.99	18.12		
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	20.93	21.00	21.05	20.99	20.91		
5	QPSK	1	12	20.73	20.94	20.95	20.78	20.79	22.20	0
5	QPSK	1	24	20.79	20.76	20.87	20.72	20.87		
5	QPSK	12	0	20.84	20.80	20.98	20.85	20.86		
5	QPSK	12	7	20.64	20.73	20.64	20.69	20.68	22.2	0
5	QPSK	12	13	20.75	20.67	20.73	20.58	20.82		
5	QPSK	25	0	20.85	20.74	20.96	20.65	20.77		
5	16QAM	1	0	20.82	20.77	20.94	20.69	20.77		
5	16QAM	1	12	20.55	20.64	20.77	20.74	20.55	22.2	0
5	16QAM	1	24	20.50	20.69	20.64	20.71	20.63		
5	16QAM	12	0	20.93	20.85	20.98	20.77	20.92		
5	16QAM	12	7	20.70	20.79	20.76	20.89	20.79	22.2	0
5	16QAM	12	13	20.72	20.71	20.78	20.76	20.64		
5	16QAM	25	0	20.93	20.72	20.98	20.86	20.90		
5	64QAM	1	0	21.10	20.83	21.08	20.92	20.93		
5	64QAM	1	12	20.92	20.90	21.01	20.87	20.91	22.2	0
5	64QAM	1	24	20.83	20.89	20.88	20.83	20.84		
5	64QAM	12	0	20.12	20.23	20.34	20.20	20.18		
5	64QAM	12	7	20.14	20.17	20.19	20.15	20.25	21.5	0.7
5	64QAM	12	13	20.08	20.04	20.10	20.07	20.04		
5	64QAM	25	0	19.99	19.99	20.16	20.20	20.02		
5	256QAM	1	0	18.13	18.13	18.31	18.11	18.10		
5	256QAM	1	12	18.24	18.07	18.25	18.02	18.21	19.5	2.7
5	256QAM	1	24	17.98	18.00	18.19	18.00	18.01		
5	256QAM	12	0	18.07	18.04	18.20	18.08	18.12		
5	256QAM	12	7	18.06	18.10	18.14	17.99	18.09	19.5	2.7
5	256QAM	12	13	18.01	17.96	18.06	18.03	17.98		
5	256QAM	25	0	18.00	18.06	18.14	18.06	18.09		

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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	22.56	22.58	22.66	22.48	22.42	23.8	0
20	QPSK	1	49	22.36	22.30	22.54	22.41	22.37		
20	QPSK	1	99	22.21	22.31	22.37	22.40	22.33		
20	QPSK	50	0	22.40	22.33	22.48	22.23	22.13	23.8	0
20	QPSK	50	24	22.29	22.32	22.37	22.24	22.13		
20	QPSK	50	50	22.12	22.21	22.23	22.28	22.05		
20	QPSK	100	0	22.22	22.16	22.37	22.24	22.23		
20	16QAM	1	0	22.47	22.52	22.55	22.48	22.45	23.8	0
20	16QAM	1	49	22.25	22.29	22.54	22.41	22.21		
20	16QAM	1	99	22.34	22.34	22.38	22.50	22.16		
20	16QAM	50	0	22.30	22.23	22.30	22.28	22.11	23.8	0
20	16QAM	50	24	22.18	22.20	22.27	22.16	22.13		
20	16QAM	50	50	22.20	21.95	22.13	22.11	21.91		
20	16QAM	100	0	22.25	22.32	22.32	22.13	22.27		
20	64QAM	1	0	22.16	22.18	22.27	22.16	22.02	23.8	0
20	64QAM	1	49	21.99	22.05	22.03	22.09	21.87		
20	64QAM	1	99	22.10	22.08	22.16	21.96	22.02		
20	64QAM	50	0	22.25	22.20	22.42	22.20	22.15	23.8	0
20	64QAM	50	24	22.13	22.19	22.26	22.24	22.07		
20	64QAM	50	50	22.18	22.06	22.19	22.18	22.06		
20	64QAM	100	0	22.14	22.22	22.28	22.28	22.00		
20	256QAM	1	0	21.51	21.42	21.59	21.46	21.29	22	1.8
20	256QAM	1	49	21.54	21.40	21.59	21.45	21.30		
20	256QAM	1	99	21.24	21.37	21.38	21.38	21.28		
20	256QAM	50	0	21.36	21.31	21.43	21.35	21.24	22	1.8
20	256QAM	50	24	21.22	21.16	21.29	21.24	21.04		
20	256QAM	50	50	21.14	21.12	21.21	21.20	21.05		
20	256QAM	100	0	21.32	21.21	21.38	21.19	21.16		
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	22.52	22.47	22.58	22.42	22.32	23.80	0
15	QPSK	1	37	22.34	22.20	22.44	22.28	22.27		
15	QPSK	1	74	22.16	22.27	22.23	22.36	22.29		
15	QPSK	36	0	22.30	22.31	22.40	22.16	22.06	23.8	0
15	QPSK	36	20	22.16	22.14	22.27	22.22	22.01		
15	QPSK	36	39	22.08	22.19	22.15	22.25	22.01		
15	QPSK	75	0	22.13	22.07	22.29	22.20	22.19		
15	16QAM	1	0	22.43	22.43	22.44	22.35	22.33	23.8	0
15	16QAM	1	37	22.15	22.23	22.51	22.37	22.14		
15	16QAM	1	74	22.25	22.23	22.28	22.36	22.06		
15	16QAM	36	0	22.18	22.15	22.21	22.25	22.05	23.8	0
15	16QAM	36	20	22.15	22.11	22.20	22.13	22.05		
15	16QAM	36	39	22.14	21.93	22.07	21.98	21.84		
15	16QAM	75	0	22.13	22.21	22.26	22.05	22.17		
15	64QAM	1	0	22.04	22.05	22.16	22.04	21.91	23.8	0
15	64QAM	1	37	21.94	21.93	21.95	22.01	21.78		
15	64QAM	1	74	22.06	21.96	22.04	21.92	21.91		
15	64QAM	36	0	22.17	22.09	22.38	22.10	22.06	23.8	0
15	64QAM	36	20	22.06	22.10	22.13	22.17	21.94		
15	64QAM	36	39	22.08	22.03	22.05	22.14	21.98		
15	64QAM	75	0	22.04	22.17	22.15	22.22	21.86		
15	256QAM	1	0	21.43	21.30	21.51	21.39	21.22	22	1.8
15	256QAM	1	37	21.42	21.27	21.46	21.36	21.19		
15	256QAM	1	74	21.20	21.26	21.32	21.23	21.20		
15	256QAM	36	0	21.24	21.17	21.34	21.25	21.11	22	1.8
15	256QAM	36	20	21.08	21.12	21.21	21.16	20.99		
15	256QAM	36	39	21.10	21.08	21.07	21.09	20.98		
15	256QAM	75	0	21.21	21.12	21.31	21.06	21.07		
Channel				39700	40160	40620	41080	41540	Tune-up limit	MPR
Frequency (MHz)				2501	2547	2593	2639	2685	(dBm)	(dB)
10	QPSK	1	0	22.52	22.46	22.54	22.40	22.29	23.80	0
10	QPSK	1	25	22.29	22.19	22.51	22.35	22.32		
10	QPSK	1	49	22.15	22.18	22.26	22.29	22.28		
10	QPSK	25	0	22.28	22.26	22.36	22.11	22.08	23.8	0
10	QPSK	25	12	22.25	22.13	22.23	22.12	22.02		
10	QPSK	25	25	22.00	22.15	22.10	22.18	21.99		
10	QPSK	50	0	22.17	22.10	22.33	22.19	22.18		
10	16QAM	1	0	22.34	22.47	22.47	22.40	22.36	23.8	0
10	16QAM	1	25	22.22	22.23	22.42	22.27	22.17		
10	16QAM	1	49	22.30	22.22	22.34	22.42	22.11		
10	16QAM	25	0	22.24	22.18	22.21	22.18	22.08	23.8	0
10	16QAM	25	12	22.13	22.07	22.20	22.04	22.05		
10	16QAM	25	25	22.13	21.92	22.01	22.02	21.85		
10	16QAM	50	0	22.21	22.26	22.22	22.09	22.22		
10	64QAM	1	0	22.07	22.07	22.21	22.12	21.99	23.8	0
10	64QAM	1	25	21.89	21.97	21.94	22.04	21.81		
10	64QAM	1	49	22.03	22.05	22.04	21.85	21.97		
10	64QAM	25	0	22.19	22.11	22.31	22.17	22.08	23.8	0
10	64QAM	25	12	22.00	22.08	22.21	22.14	21.97		
10	64QAM	25	25	22.16	21.99	22.08	22.12	22.00		
10	64QAM	50	0	22.05	22.09	22.19	22.17	21.88		
10	256QAM	1	0	21.47	21.39	21.54	21.36	21.18	22	1.8
10	256QAM	1	25	21.51	21.26	21.47	21.39	21.25		
10	256QAM	1	49	21.14	21.30	21.35	21.30	21.22		
10	256QAM	25	0	21.28	21.21	21.36	21.32	21.20	22	1.8
10	256QAM	25	12	21.09	21.04	21.23	21.17	20.94		
10	256QAM	25	25	20.99	21.07	21.13	21.16	20.96		
10	256QAM	50	0	21.28	21.16	21.27	21.11	21.02		
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	22.51	22.54	22.58	22.44	22.38	23.80	0
5	QPSK	1	12	22.31	22.22	22.46	22.28	22.30		
5	QPSK	1	24	22.09	22.18	22.33	22.33	22.31		
5	QPSK	12	0	22.38	22.23	22.35	22.10	22.10	23.8	0
5	QPSK	12	7	22.17	22.23	22.33	22.17	22.01		
5	QPSK	12	13	22.01	22.14	22.18	22.21	22.01		
5	QPSK	25	0	22.15	22.11	22.24	22.11	22.16		
5	16QAM	1	0	22.42	22.40	22.46	22.38	22.38	23.8	0
5	16QAM	1	12	22.13	22.22	22.43	22.38	22.14		
5	16QAM	1	24	22.26	22.27	22.26	22.47	22.14		
5	16QAM	12	0	22.25	22.21	22.19	22.14	22.05	23.8	0
5	16QAM	12	7	22.07	22.15	22.14	22.09	21.99		
5	16QAM	12	13	22.14	21.82	22.05	22.09	21.89		
5	16QAM	25	0	22.20	22.25	22.19	22.03	22.15		
5	64QAM	1	0	22.13	22.14	22.19	22.10	21.93	23.8	0
5	64QAM	1	12	21.90	21.98	21.93	22.05	21.75		
5	64QAM	1	24	22.00	22.04	22.13	21.91	21.99		
5	64QAM	12	0	22.13	22.16	22.31	22.07	22.09	23.8	0
5	64QAM	12	7	22.03	22.12	22.13	22.17	22.04		
5	64QAM	12	13	22.07	21.94	22.08	22.08	22.00		
5	64QAM	25	0	22.07	22.14	22.22	22.16	21.98		
5	256QAM	1	0	21.45	21.34	21.49	21.41	21.22	22	1.8
5	256QAM	1	12	21.48	21.25	21.46	21.37	21.17		
5	256QAM	1	24	21.19	21.30	21.32	21.28	21.22		
5	256QAM	12	0	21.28	21.25	21.33	21.22	21.19	22	1.8
5	256QAM	12	7	21.19	21.07	21.22	21.20	20.93		
5	256QAM	12	13	21.08	21.06	21.15	21.16	20.96		
5	256QAM	25	0	21.24	21.16	21.25	21.12	21.06		

Band 48 Default Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	55640		
Frequency (MHz)				3588	3639	3641	3690		
20	QPSK	1	0	21.28	21.44	21.37	21.32	23	0
20	QPSK	1	49	21.23	21.39	21.34	21.25		
20	QPSK	1	99	21.26	21.34	21.19	21.20		
20	QPSK	50	0	21.25	21.37	21.32	21.23	23	0
20	QPSK	50	24	21.24	21.35	21.30	21.31		
20	QPSK	50	50	21.26	21.31	21.26	21.23		
20	QPSK	100	0	21.15	21.28	21.14	21.22		
20	16QAM	1	0	21.31	21.34	21.30	21.24	23	0
20	16QAM	1	49	21.23	21.30	21.20	21.23		
20	16QAM	1	99	21.16	21.29	21.15	21.20		
20	16QAM	50	0	21.16	21.26	21.18	21.15	22.5	0.5
20	16QAM	50	24	21.14	21.20	21.17	21.11		
20	16QAM	50	50	21.10	21.23	21.14	21.19		
20	16QAM	100	0	21.18	21.21	21.15	21.13		
20	64QAM	1	0	21.09	21.15	21.10	21.01	22.5	0.5
20	64QAM	1	49	20.99	21.07	20.96	21.04		
20	64QAM	1	99	21.08	21.13	20.99	21.09		
20	64QAM	50	0	19.96	20.09	20.04	19.98	21.5	1.5
20	64QAM	50	24	20.18	20.22	20.08	20.15		
20	64QAM	50	50	20.15	20.20	20.15	20.14		
20	64QAM	100	0	20.08	20.15	20.10	20.10		
20	256QAM	1	0	18.13	18.25	18.16	18.11	19	4
20	256QAM	1	49	18.14	18.23	18.11	18.13		
20	256QAM	1	99	18.16	18.20	18.16	18.10		
20	256QAM	50	0	18.01	18.15	18.04	18.02	19	4
20	256QAM	50	24	18.14	18.17	18.02	18.05		
20	256QAM	50	50	18.02	18.14	17.99	18.08		
20	256QAM	100	0	18.09	18.11	18.06	17.98		
Channel				55315	55820	56160	56665	Tune-up limit	MPR
Frequency (MHz)				3557.5	3638	3642	3692.5	(dBm)	(dB)
15	QPSK	1	0	21.15	21.40	21.29	21.27	23	0
15	QPSK	1	37	21.14	21.29	21.28	21.10		
15	QPSK	1	74	21.20	21.20	21.06	21.13		
15	QPSK	36	0	21.17	21.24	21.18	21.18	23	0
15	QPSK	36	20	21.09	21.22	21.25	21.23		
15	QPSK	36	39	21.13	21.26	21.19	21.13		
15	QPSK	75	0	21.06	21.18	21.11	21.14		
15	16QAM	1	0	21.18	21.22	21.22	21.14	23	0
15	16QAM	1	37	21.13	21.17	21.16	21.11		
15	16QAM	1	74	21.10	21.16	21.07	21.09		
15	16QAM	36	0	21.06	21.18	21.14	21.09	22.5	0.5
15	16QAM	36	20	21.04	21.07	21.03	20.99		
15	16QAM	36	39	21.05	21.19	21.10	21.15		
15	16QAM	75	0	21.10	21.10	21.11	21.02		
15	64QAM	1	0	20.95	21.04	21.04	20.93	22.5	0.5
15	64QAM	1	37	20.89	20.93	20.88	20.98		
15	64QAM	1	74	20.95	21.02	20.91	21.03		
15	64QAM	36	0	19.93	20.05	19.99	19.85	21.5	1.5
15	64QAM	36	20	20.06	20.07	20.04	20.07		
15	64QAM	36	39	20.04	20.15	20.11	20.05		
15	64QAM	75	0	20.00	20.08	19.97	20.04		
15	256QAM	1	0	18.04	18.17	18.07	18.00	19	4
15	256QAM	1	37	18.03	18.14	18.00	18.10		
15	256QAM	1	74	18.12	18.08	18.13	17.99		
15	256QAM	36	0	17.91	18.03	17.94	17.95	19	4
15	256QAM	36	20	18.10	18.07	17.90	17.95		
15	256QAM	36	39	17.99	18.04	17.94	18.04		
15	256QAM	75	0	18.02	18.02	17.94	17.92		
Channel				55290	55815	56165	56690	Tune-up limit	MPR
Frequency (MHz)				3555	3807.5	3642.5	3695	(dBm)	(dB)
10	QPSK	1	0	21.23	21.37	21.33	21.21	23	0
10	QPSK	1	25	21.13	21.35	21.28	21.11		
10	QPSK	1	49	21.12	21.22	21.10	21.13		
10	QPSK	25	0	21.19	21.32	21.18	21.12	23	0
10	QPSK	25	12	21.18	21.23	21.18	21.20		
10	QPSK	25	25	21.12	21.22	21.20	21.11		
10	QPSK	50	0	21.06	21.22	21.03	21.18		
10	16QAM	1	0	21.28	21.28	21.19	21.13	23	0
10	16QAM	1	25	21.10	21.25	21.13	21.16		
10	16QAM	1	49	21.02	21.20	21.09	21.10		
10	16QAM	25	0	21.12	21.21	21.04	21.10	22.5	0.5
10	16QAM	25	12	21.02	21.16	21.05	21.07		
10	16QAM	25	25	20.96	21.12	21.05	21.14		
10	16QAM	50	0	21.14	21.08	21.11	21.05		
10	64QAM	1	0	21.03	21.06	20.98	20.97	22.5	0.5
10	64QAM	1	25	20.96	21.04	20.84	21.01		
10	64QAM	1	49	21.03	20.98	20.92	20.98		
10	64QAM	25	0	19.92	19.95	19.91	19.94	21.5	1.5
10	64QAM	25	12	20.11	20.10	19.93	20.03		
10	64QAM	25	25	20.07	20.11	20.08	20.03		
10	64QAM	50	0	19.94	20.02	20.05	20.06		
10	256QAM	1	0	18.03	18.15	18.12	18.07	19	4
10	256QAM	1	25	18.10	18.14	18.07	18.00		
10	256QAM	1	49	18.03	18.12	18.12	17.98		
10	256QAM	25	0	17.95	18.10	17.90	17.94	19	4
10	256QAM	25	12	18.02	18.06	17.99	17.91		
10	256QAM	25	25	17.94	18.08	17.90	18.00		
10	256QAM	50	0	18.03	18.07	17.98	17.92		
Channel				55265	55810	56170	56715	Tune-up limit	MPR
Frequency (MHz)				3552.5	3637	3643	3697.5	(dBm)	(dB)
5	QPSK	1	0	21.15	21.31	21.28	21.19	23	0
5	QPSK	1	12	21.14	21.35	21.28	21.19		
5	QPSK	1	24	21.11	21.31	21.15	21.10		
5	QPSK	12	0	21.15	21.29	21.19	21.10	23	0
5	QPSK	12	7	21.20	21.25	21.22	21.19		
5	QPSK	12	13	21.14	21.19	21.18	21.11		
5	QPSK	25	0	21.11	21.19	21.09	21.16		
5	16QAM	1	0	21.23	21.27	21.18	21.11	23	0
5	16QAM	1	12	21.16	21.18	21.08	21.19		
5	16QAM	1	24	21.10	21.16	21.02	21.11		
5	16QAM	12	0	21.05	21.15	21.05	21.12	22.5	0.5
5	16QAM	12	7	21.09	21.11	21.10	21.06		
5	16QAM	12	13	21.01	21.15	21.03	21.08		
5	16QAM	25	0	21.08	21.07	21.03	21.07		
5	64QAM	1	0	21.03	21.07	20.95	20.93	22.5	0.5
5	64QAM	1	12	20.91	20.99	20.87	20.90		
5	64QAM	1	24	21.04	20.99	20.85	20.97		
5	64QAM	12	0	19.83	19.97	19.97	19.85	21.5	1.5
5	64QAM	12	7	20.15	20.17	19.99	20.06		
5	64QAM	12	13	20.11	20.14	20.03	20.00		
5	64QAM	25	0	20.04	20.11	20.03	19.99		
5	256QAM	1	0	18.01	18.16	18.13	18.04	19	4
5	256QAM	1	12	18.10	18.17	18.00	18.00		
5	256QAM	1	24	18.04	18.10	18.02	18.06		
5	256QAM	12	0	17.93	18.01	17.99	17.97	19	4
5	256QAM	12	7	18.06	18.03	17.90	17.95		
5	256QAM	12	13	17.94	18.05	17.92	17.95		
5	256QAM	25	0	18.00	18.06	18.01	17.84		

	GSM850 Ant1	Default							
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		31.42	31.48	31.36	32.50	22.42	22.48	22.36	23.50
GPRS 1 Tx slot		31.39	31.45	31.33	32.50	22.39	22.45	22.33	23.50
GPRS 2 Tx slots		28.27	28.39	28.32	29.50	22.27	22.39	22.32	23.50
GPRS 3 Tx slots		26.80	26.91	26.80	28.00	22.54	22.65	22.54	23.74
GPRS 4 Tx slots		25.16	25.22	25.17	26.00	22.16	22.22	22.17	23.00
EDGE 1 Tx slot		24.03	24.17	24.05	25.00	15.03	15.17	15.05	16.00
EDGE 2 Tx slots		22.29	22.41	22.34	23.50	16.29	16.41	16.34	17.50
EDGE 3 Tx slots		21.15	21.23	21.08	22.00	16.89	16.97	16.82	17.74
EDGE 4 Tx slots		18.99	19.08	18.93	20.00	15.99	16.08	15.93	17.00

	GSM1900 Ant1	Default							
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		27.66	27.74	27.63	28.50	18.66	18.74	18.63	19.50
GPRS 1 Tx slot		27.52	27.67	27.57	28.50	18.52	18.67	18.57	19.50
GPRS 2 Tx slots		25.06	25.09	24.98	26.00	19.06	19.09	18.98	20.00
GPRS 3 Tx slots		23.36	23.42	23.32	24.50	19.10	19.16	19.06	20.24
GPRS 4 Tx slots		20.62	20.74	20.63	21.50	17.62	17.74	17.63	18.50
EDGE 1 Tx slot		22.78	22.86	22.72	23.50	13.78	13.86	13.72	14.50
EDGE 2 Tx slots		21.13	21.22	21.13	22.00	15.13	15.22	15.13	16.00
EDGE 3 Tx slots		19.86	19.96	19.86	21.00	15.60	15.70	15.60	16.74
EDGE 4 Tx slots		17.91	18.05	17.97	19.00	14.91	15.05	14.97	16.00

		DBS_Simultaneous WCDMA II Ant1				DBS_Simultaneous WCDMA IV Ant1				Default WCDMA V Ant1			
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	21.03	21.12	21.00	22.30	20.87	20.92	20.81	22.40	21.14	21.17	21.04	23.00
3GPP Rel 99	RMC 12.2Kbps	21.08	21.15	21.12	22.30	20.91	20.97	20.84	22.40	21.17	21.23	21.09	23.00
3GPP Rel 6	HSDPA Subtest-1	20.19	20.30	20.03	21.30	19.81	20.01	19.69	21.40	20.23	20.23	20.02	22.00
3GPP Rel 6	HSDPA Subtest-2	20.15	20.19	20.19	21.30	19.84	19.85	19.88	21.40	20.12	20.22	20.17	22.00
3GPP Rel 6	HSDPA Subtest-3	19.69	19.80	19.71	20.80	19.36	19.44	19.32	20.90	19.57	19.70	19.69	21.50
3GPP Rel 6	HSDPA Subtest-4	19.58	19.80	19.74	20.80	19.23	19.48	19.30	20.90	19.56	19.79	19.61	21.50
3GPP Rel 8	DC-HSDPA Subtest-1	20.16	20.28	20.03	21.30	19.91	20.09	19.75	21.40	20.21	20.32	20.01	22.00
3GPP Rel 8	DC-HSDPA Subtest-2	19.96	19.97	19.92	21.30	19.79	19.73	19.74	21.40	20.08	20.06	19.94	22.00
3GPP Rel 8	DC-HSDPA Subtest-3	19.58	19.55	19.58	20.80	19.31	19.24	19.28	20.90	19.69	19.58	19.65	21.50
3GPP Rel 8	DC-HSDPA Subtest-4	19.54	19.53	19.64	20.80	19.25	19.18	19.31	20.90	19.49	19.47	19.64	21.50
3GPP Rel 6	HSUPA Subtest-1	20.22	20.22	20.23	21.30	19.87	20.02	19.98	21.40	20.15	20.22	20.28	22.00
3GPP Rel 6	HSUPA Subtest-2	18.17	18.30	18.17	19.30	17.78	18.00	17.79	19.40	18.09	18.19	18.13	20.00
3GPP Rel 6	HSUPA Subtest-3	19.17	19.24	19.20	20.30	18.89	18.91	18.93	20.40	19.19	19.20	19.15	21.00
3GPP Rel 6	HSUPA Subtest-4	18.02	18.09	18.10	19.30	17.82	17.91	17.72	19.40	18.04	18.14	18.03	20.00
3GPP Rel 6	HSUPA Subtest-5	20.21	20.07	20.04	21.30	20.00	19.71	19.78	21.40	20.21	20.03	20.08	22.00

Band 2 Default Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	20.90	21.09	20.98	22	0
20	QPSK	1	49	20.75	21.04	20.88		
20	QPSK	1	99	20.80	20.99	20.90		
20	QPSK	50	0	20.99	21.04	20.89	22	0
20	QPSK	50	24	20.87	20.99	20.90		
20	QPSK	50	50	20.88	20.92	20.80		
20	QPSK	100	0	20.90	20.96	20.87		
20	16QAM	1	0	20.80	20.93	20.79	22	0
20	16QAM	1	49	20.77	20.83	20.83		
20	16QAM	1	99	20.69	20.73	20.77		
20	16QAM	50	0	20.82	20.88	20.76	21.5	0.5
20	16QAM	50	24	20.72	20.85	20.69		
20	16QAM	50	50	20.72	20.79	20.66		
20	16QAM	100	0	20.76	20.85	20.77		
20	64QAM	1	0	20.71	20.80	20.71	21.5	0.5
20	64QAM	1	49	20.67	20.76	20.72		
20	64QAM	1	99	20.56	20.71	20.61		
20	64QAM	50	0	19.80	19.88	19.76	20.5	1.5
20	64QAM	50	24	19.77	19.73	19.69		
20	64QAM	50	50	19.71	19.72	19.69		
20	64QAM	100	0	19.86	19.83	19.80		
20	256QAM	1	0	17.86	17.99	17.89	18.5	3.5
20	256QAM	1	49	17.87	17.99	17.89		
20	256QAM	1	99	17.82	17.86	17.81		
20	256QAM	50	0	17.88	17.94	17.88	18.5	3.5
20	256QAM	50	24	17.73	17.83	17.80		
20	256QAM	50	50	17.75	17.81	17.69		
20	256QAM	100	0	17.81	17.87	17.74		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	20.86	21.02	20.89	22	0
15	QPSK	1	37	20.75	20.99	20.80		
15	QPSK	1	74	20.73	21.00	20.86		
15	QPSK	36	0	20.93	21.03	20.87	22	0
15	QPSK	36	20	20.78	20.91	20.88		
15	QPSK	36	39	20.90	20.83	20.73		
15	QPSK	75	0	20.82	20.95	20.77		
15	16QAM	1	0	20.75	20.91	20.81	22	0
15	16QAM	1	37	20.76	20.73	20.84		
15	16QAM	1	74	20.66	20.74	20.71		
15	16QAM	36	0	20.72	20.81	20.67	21.5	0.5
15	16QAM	36	20	20.64	20.84	20.69		
15	16QAM	36	39	20.66	20.80	20.57		
15	16QAM	75	0	20.73	20.83	20.75		
15	64QAM	1	0	20.70	20.72	20.67	21.5	0.5
15	64QAM	1	37	20.66	20.76	20.74		
15	64QAM	1	74	20.49	20.69	20.55		
15	64QAM	36	0	19.72	19.86	19.74	20.5	1.5
15	64QAM	36	20	19.76	19.67	19.66		
15	64QAM	36	39	19.71	19.63	19.61		
15	64QAM	75	0	19.86	19.82	19.78		
15	256QAM	1	0	17.80	17.90	17.88	18.5	3.5
15	256QAM	1	37	17.84	17.89	17.86		
15	256QAM	1	74	17.76	17.85	17.72		
15	256QAM	36	0	17.86	17.93	17.81	18.5	3.5
15	256QAM	36	20	17.73	17.82	17.78		
15	256QAM	36	39	17.66	17.74	17.65		
15	256QAM	75	0	17.73	17.89	17.68		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	20.89	21.05	20.91	22	0
10	QPSK	1	25	20.70	20.95	20.82		
10	QPSK	1	49	20.71	20.94	20.92		
10	QPSK	25	0	20.94	20.94	20.87	22	0
10	QPSK	25	12	20.84	20.95	20.84		
10	QPSK	25	25	20.84	20.93	20.76		
10	QPSK	50	0	20.80	20.86	20.82		
10	16QAM	1	0	20.79	20.95	20.74	22	0
10	16QAM	1	25	20.78	20.74	20.85		
10	16QAM	1	49	20.62	20.73	20.73		
10	16QAM	25	0	20.83	20.89	20.70	21.5	0.5
10	16QAM	25	12	20.72	20.84	20.66		
10	16QAM	25	25	20.68	20.80	20.64		
10	16QAM	50	0	20.73	20.87	20.77		
10	64QAM	1	0	20.64	20.75	20.71	21.5	0.5
10	64QAM	1	25	20.64	20.76	20.64		
10	64QAM	1	49	20.49	20.69	20.55		
10	64QAM	25	0	19.75	19.87	19.67	20.5	1.5
10	64QAM	25	12	19.75	19.65	19.71		
10	64QAM	25	25	19.67	19.67	19.67		
10	64QAM	50	0	19.79	19.77	19.82		
10	256QAM	1	0	17.81	17.92	17.86	18.5	3.5
10	256QAM	1	25	17.81	17.92	17.85		
10	256QAM	1	49	17.73	17.79	17.76		
10	256QAM	25	0	17.82	17.85	17.80	18.5	3.5
10	256QAM	25	12	17.69	17.78	17.75		
10	256QAM	25	25	17.75	17.78	17.70		
10	256QAM	50	0	17.82	17.78	17.68		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	20.81	21.06	20.88	22	0
5	QPSK	1	12	20.65	20.99	20.82		
5	QPSK	1	24	20.72	21.01	20.90		
5	QPSK	12	0	20.90	21.01	20.81	22	0
5	QPSK	12	7	20.87	20.95	20.86		
5	QPSK	12	13	20.86	20.84	20.73		
5	QPSK	25	0	20.87	20.94	20.79		
5	16QAM	1	0	20.78	20.90	20.76	22	0
5	16QAM	1	12	20.73	20.74	20.73		
5	16QAM	1	24	20.62	20.67	20.71		
5	16QAM	12	0	20.83	20.83	20.78	21.5	0.5
5	16QAM	12	7	20.71	20.79	20.64		
5	16QAM	12	13	20.71	20.76	20.62		
5	16QAM	25	0	20.73	20.78	20.74		
5	64QAM	1	0	20.65	20.77	20.62	21.5	0.5
5	64QAM	1	12	20.69	20.66	20.73		
5	64QAM	1	24	20.48	20.68	20.53		
5	64QAM	12	0	19.71	19.82	19.66	20.5	1.5
5	64QAM	12	7	19.73	19.65	19.68		
5	64QAM	12	13	19.73	19.72	19.60		
5	64QAM	25	0	19.80	19.78	19.79		
5	256QAM	1	0	17.76	17.97	17.81	18.5	3.5
5	256QAM	1	12	17.79	17.96	17.85		
5	256QAM	1	24	17.78	17.78	17.81		
5	256QAM	12	0	17.78	17.89	17.80	18.5	3.5
5	256QAM	12	7	17.66	17.84	17.81		
5	256QAM	12	13	17.73	17.76	17.59		
5	256QAM	25	0	17.78	17.84	17.73		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	20.91	21.00	20.91	22	0
3	QPSK	1	8	20.76	20.94	20.81		
3	QPSK	1	14	20.70	20.93	20.83		
3	QPSK	8	0	20.97	20.99	20.84	22	0
3	QPSK	8	4	20.82	21.00	20.88		
3	QPSK	8	7	20.90	20.87	20.76		
3	QPSK	15	0	20.84	20.86	20.86		
3	16QAM	1	0	20.82	20.94	20.71	22	0
3	16QAM	1	8	20.72	20.75	20.77		
3	16QAM	1	14	20.65	20.68	20.77		
3	16QAM	8	0	20.74	20.88	20.76	21.5	0.5
3	16QAM	8	4	20.72	20.79	20.64		
3	16QAM	8	7	20.66	20.81	20.60		
3	16QAM	15	0	20.78	20.80	20.70		
3	64QAM	1	0	20.71	20.74	20.63	21.5	0.5
3	64QAM	1	8	20.61	20.74	20.65		
3	64QAM	1	14	20.46	20.71	20.56		
3	64QAM	8	0	19.79	19.79	19.71	20.5	1.5
3	64QAM	8	4	19.71	19.64	19.69		
3	64QAM	8	7	19.61	19.63	19.67		
3	64QAM	15	0	19.79	19.73	19.77		
3	256QAM	1	0	17.84	17.94	17.88	18.5	3.5
3	256QAM	1	8	17.88	17.94	17.87		
3	256QAM	1	14	17.81	17.82	17.75		
3	256QAM	8	0	17.88	17.92	17.79	18.5	3.5
3	256QAM	8	4	17.65	17.84	17.78		
3	256QAM	8	7	17.70	17.81	17.71		
3	256QAM	15	0	17.80	17.78	17.75		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	20.81	21.07	20.93	22	0
1.4	QPSK	1	3	20.66	20.93	20.79		
1.4	QPSK	1	5	20.76	20.96	20.83		
1.4	QPSK	3	0	20.95	21.00	20.80		
1.4	QPSK	3	1	20.77	20.88	20.78		
1.4	QPSK	3	3	20.84	20.89	20.72		
1.4	QPSK	6	0	20.86	20.91	20.83	22	0
1.4	16QAM	1	0	20.73	20.81	20.76	22	0
1.4	16QAM	1	3	20.73	20.71	20.75		
1.4	16QAM	1	5	20.68	20.66	20.65		
1.4	16QAM	3	0	20.71	20.80	20.69		
1.4	16QAM	3	1	20.68	20.79	20.77		
1.4	16QAM	3	3	20.64	20.66	20.73		
1.4	16QAM	6	0	20.70	20.77	20.74	21.5	0.5
1.4	64QAM	1	0	20.60	20.76	20.64	21.5	0.5
1.4	64QAM	1	3	20.60	20.77	20.58		
1.4	64QAM	1	5	20.63	20.80	20.73		
1.4	64QAM	3	0	20.67	20.77	20.65		
1.4	64QAM	3	1	20.64	20.67	20.64		
1.4	64QAM	3	3	20.50	20.64	20.51		
1.4	64QAM	6	0	19.76	19.84	19.68	20.5	1.5
1.4	256QAM	1	0	17.76	17.92	17.76	18.5	3.5
1.4	256QAM	1	3	17.76	17.95	17.77		
1.4	256QAM	1	5	17.69	17.74	17.80		
1.4	256QAM	3	0	17.76	17.90	17.83		
1.4	256QAM	3	1	17.67	17.78	17.71		
1.4	256QAM	3	3	17.65	17.74	17.62		
1.4	256QAM	6	0	17.75	17.75	17.64	18.5	3.5

Band 4 Default Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	20.93	21.08	20.89	22	0
20	QPSK	1	49	20.80	20.94	20.80		
20	QPSK	1	99	20.77	20.91	20.78		
20	QPSK	50	0	20.75	20.91	20.83	22	0
20	QPSK	50	24	20.72	20.81	20.79		
20	QPSK	50	50	20.74	20.78	20.77		
20	QPSK	100	0	20.78	20.87	20.83		
20	16QAM	1	0	20.87	20.92	20.80	22	0
20	16QAM	1	49	20.78	20.85	20.75		
20	16QAM	1	99	20.67	20.83	20.68		
20	16QAM	50	0	20.74	20.80	20.66	21.5	0.5
20	16QAM	50	24	20.68	20.74	20.66		
20	16QAM	50	50	20.62	20.70	20.62		
20	16QAM	100	0	20.63	20.78	20.69		
20	64QAM	1	0	20.78	20.85	20.75	21.5	0.5
20	64QAM	1	49	20.74	20.80	20.74		
20	64QAM	1	99	20.59	20.70	20.72		
20	64QAM	50	0	19.74	19.90	19.79	20.5	1.5
20	64QAM	50	24	19.70	19.83	19.71		
20	64QAM	50	50	19.64	19.78	19.66		
20	64QAM	100	0	19.68	19.74	19.75		
20	256QAM	1	0	17.99	18.06	18.01	18.5	3.5
20	256QAM	1	49	17.92	18.06	17.88		
20	256QAM	1	99	17.89	17.94	17.86		
20	256QAM	50	0	17.65	17.82	17.71	18.5	3.5
20	256QAM	50	24	17.66	17.77	17.71		
20	256QAM	50	50	17.57	17.72	17.68		
20	256QAM	100	0	17.65	17.77	17.70		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	20.86	21.02	20.78	22	0
15	QPSK	1	37	20.70	20.88	20.75		
15	QPSK	1	74	20.66	20.86	20.73		
15	QPSK	36	0	20.63	20.85	20.74	22	0
15	QPSK	36	20	20.62	20.76	20.67		
15	QPSK	36	39	20.60	20.67	20.69		
15	QPSK	75	0	20.69	20.75	20.76		
15	16QAM	1	0	20.80	20.78	20.76	22	0
15	16QAM	1	37	20.67	20.78	20.62		
15	16QAM	1	74	20.62	20.73	20.58		
15	16QAM	36	0	20.67	20.75	20.56	21.5	0.5
15	16QAM	36	20	20.58	20.69	20.63		
15	16QAM	36	39	20.50	20.64	20.50		
15	16QAM	75	0	20.56	20.68	20.59		
15	64QAM	1	0	20.68	20.76	20.63	21.5	0.5
15	64QAM	1	37	20.66	20.69	20.68		
15	64QAM	1	74	20.48	20.62	20.64		
15	64QAM	36	0	19.70	19.76	19.74	20.5	1.5
15	64QAM	36	20	19.63	19.70	19.56		
15	64QAM	36	39	19.55	19.66	19.51		
15	64QAM	75	0	19.65	19.67	19.63		
15	256QAM	1	0	17.86	17.92	17.89	18.5	3.5
15	256QAM	1	37	17.78	18.01	17.84		
15	256QAM	1	74	17.78	17.81	17.73		
15	256QAM	36	0	17.57	17.74	17.59	18.5	3.5
15	256QAM	36	20	17.62	17.65	17.65		
15	256QAM	36	39	17.42	17.60	17.54		
15	256QAM	75	0	17.56	17.64	17.58		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	20.85	20.96	20.79	22	0
10	QPSK	1	25	20.75	20.84	20.74		
10	QPSK	1	49	20.66	20.77	20.68		
10	QPSK	25	0	20.66	20.83	20.73	22	0
10	QPSK	25	12	20.64	20.69	20.72		
10	QPSK	25	25	20.64	20.71	20.67		
10	QPSK	50	0	20.69	20.81	20.76		
10	16QAM	1	0	20.77	20.85	20.68	22	0
10	16QAM	1	25	20.71	20.71	20.71		
10	16QAM	1	49	20.59	20.73	20.56		
10	16QAM	25	0	20.62	20.67	20.57	21.5	0.5
10	16QAM	25	12	20.59	20.60	20.52		
10	16QAM	25	25	20.58	20.64	20.48		
10	16QAM	50	0	20.49	20.69	20.59		
10	64QAM	1	0	20.66	20.71	20.67	21.5	0.5
10	64QAM	1	25	20.70	20.71	20.63		
10	64QAM	1	49	20.55	20.62	20.61		
10	64QAM	25	0	19.63	19.76	19.72	20.5	1.5
10	64QAM	25	12	19.58	19.69	19.64		
10	64QAM	25	25	19.58	19.69	19.60		
10	64QAM	50	0	19.56	19.67	19.62		
10	256QAM	1	0	17.90	17.97	17.89	18.5	3.5
10	256QAM	1	25	17.83	17.95	17.82		
10	256QAM	1	49	17.83	17.82	17.75		
10	256QAM	25	0	17.54	17.70	17.60	18.5	3.5
10	256QAM	25	12	17.52	17.63	17.61		
10	256QAM	25	25	17.51	17.67	17.64		
10	256QAM	50	0	17.52	17.68	17.55		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	20.80	20.94	20.78	22	0
5	QPSK	1	12	20.73	20.90	20.68		
5	QPSK	1	24	20.68	20.87	20.70		
5	QPSK	12	0	20.70	20.84	20.69	22	0
5	QPSK	12	7	20.65	20.76	20.67		
5	QPSK	12	13	20.67	20.71	20.72		
5	QPSK	25	0	20.66	20.73	20.79		
5	16QAM	1	0	20.75	20.87	20.76	22	0
5	16QAM	1	12	20.74	20.78	20.68		
5	16QAM	1	24	20.57	20.75	20.63		
5	16QAM	12	0	20.67	20.66	20.60	21.5	0.5
5	16QAM	12	7	20.59	20.68	20.55		
5	16QAM	12	13	20.59	20.60	20.55		
5	16QAM	25	0	20.55	20.63	20.55		
5	64QAM	1	0	20.75	20.75	20.60	21.5	0.5
5	64QAM	1	12	20.65	20.73	20.64		
5	64QAM	1	24	20.51	20.56	20.60		
5	64QAM	12	0	19.67	19.79	19.66	20.5	1.5
5	64QAM	12	7	19.55	19.71	19.57		
5	64QAM	12	13	19.56	19.70	19.56		
5	64QAM	25	0	19.63	19.60	19.68		
5	256QAM	1	0	17.94	18.00	17.89	18.5	3.5
5	256QAM	1	12	17.86	17.98	17.85		
5	256QAM	1	24	17.78	17.91	17.74		
5	256QAM	12	0	17.61	17.78	17.63	18.5	3.5
5	256QAM	12	7	17.55	17.70	17.65		
5	256QAM	12	13	17.47	17.64	17.64		
5	256QAM	25	0	17.57	17.69	17.65		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	20.79	21.04	20.79	22	0
3	QPSK	1	8	20.69	20.80	20.71		
3	QPSK	1	14	20.72	20.81	20.71		
3	QPSK	8	0	20.64	20.88	20.77	22	0
3	QPSK	8	4	20.68	20.76	20.64		
3	QPSK	8	7	20.61	20.64	20.71		
3	QPSK	15	0	20.73	20.73	20.69		
3	16QAM	1	0	20.73	20.81	20.70	22	0
3	16QAM	1	8	20.64	20.72	20.66		
3	16QAM	1	14	20.53	20.73	20.54		
3	16QAM	8	0	20.61	20.71	20.62	21.5	0.5
3	16QAM	8	4	20.59	20.69	20.58		
3	16QAM	8	7	20.47	20.63	20.48		
3	16QAM	15	0	20.52	20.72	20.61		
3	64QAM	1	0	20.75	20.70	20.64	21.5	0.5
3	64QAM	1	8	20.64	20.76	20.62		
3	64QAM	1	14	20.55	20.57	20.62		
3	64QAM	8	0	19.59	19.79	19.67	20.5	1.5
3	64QAM	8	4	19.58	19.68	19.59		
3	64QAM	8	7	19.59	19.71	19.57		
3	64QAM	15	0	19.55	19.61	19.71		
3	256QAM	1	0	17.88	18.00	17.86	18.5	3.5
3	256QAM	1	8	17.89	18.02	17.78		
3	256QAM	1	14	17.75	17.87	17.83		
3	256QAM	8	0	17.51	17.71	17.56	18.5	3.5
3	256QAM	8	4	17.55	17.62	17.62		
3	256QAM	8	7	17.48	17.60	17.57		
3	256QAM	15	0	17.55	17.71	17.62		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	20.80	20.99	20.81	22	0
1.4	QPSK	1	3	20.69	20.86	20.69		
1.4	QPSK	1	5	20.68	20.79	20.74		
1.4	QPSK	3	0	20.67	20.78	20.78		
1.4	QPSK	3	1	20.66	20.70	20.69		
1.4	QPSK	3	3	20.70	20.69	20.74		
1.4	QPSK	6	0	20.71	20.77	20.76	22	0
1.4	16QAM	1	0	20.78	20.79	20.72	22	0
1.4	16QAM	1	3	20.74	20.81	20.64		
1.4	16QAM	1	5	20.61	20.87	20.74		
1.4	16QAM	3	0	20.61	20.78	20.73		
1.4	16QAM	3	1	20.69	20.67	20.74		
1.4	16QAM	3	3	20.72	20.73	20.74		
1.4	16QAM	6	0	20.62	20.74	20.57	21.5	0.5
1.4	64QAM	1	0	20.55	20.60	20.58	21.5	0.5
1.4	64QAM	1	3	20.47	20.63	20.57		
1.4	64QAM	1	5	20.59	20.73	20.61		
1.4	64QAM	3	0	20.71	20.74	20.70		
1.4	64QAM	3	1	20.68	20.65	20.66		
1.4	64QAM	3	3	20.46	20.62	20.61		
1.4	64QAM	6	0	19.69	19.86	19.74	20.5	1.5
1.4	256QAM	1	0	17.87	17.95	17.96	18.5	3.5
1.4	256QAM	1	3	17.86	17.94	17.75		
1.4	256QAM	1	5	17.76	17.90	17.71		
1.4	256QAM	3	0	17.53	17.72	17.58		
1.4	256QAM	3	1	17.53	17.68	17.65		
1.4	256QAM	3	3	17.45	17.67	17.62		
1.4	256QAM	6	0	17.57	17.74	17.60	18.5	3.5

Band 5 Default Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	21.22	21.31	21.26	22	0
10	QPSK	1	25	21.16	21.28	21.20		
10	QPSK	1	49	21.08	21.15	21.12		
10	QPSK	25	0	21.13	21.25	21.19	22	0
10	QPSK	25	12	21.12	21.16	21.11		
10	QPSK	25	25	20.99	21.09	21.03		
10	QPSK	50	0	21.03	21.18	21.11		
10	16QAM	1	0	21.05	21.16	21.06	22	0
10	16QAM	1	25	21.04	21.03	20.98		
10	16QAM	1	49	20.90	21.00	20.97		
10	16QAM	25	0	20.99	21.11	21.02	21.5	0.5
10	16QAM	25	12	20.93	21.07	20.96		
10	16QAM	25	25	20.90	20.99	20.92		
10	16QAM	50	0	20.95	21.02	20.93		
10	64QAM	1	0	20.86	20.93	20.87	21.5	0.5
10	64QAM	1	25	20.79	20.83	20.85		
10	64QAM	1	49	20.76	20.84	20.75		
10	64QAM	25	0	20.03	20.16	20.09	20.5	1.5
10	64QAM	25	12	20.06	20.05	20.02		
10	64QAM	25	25	19.95	20.06	19.97		
10	64QAM	50	0	20.04	20.11	20.14		
10	256QAM	1	0	18.01	18.12	18.01	18.5	3.5
10	256QAM	1	25	17.99	18.12	18.03		
10	256QAM	1	49	17.88	17.93	17.98		
10	256QAM	25	0	18.03	18.08	17.97	18.5	3.5
10	256QAM	25	12	17.95	18.01	17.98		
10	256QAM	25	25	17.86	17.99	17.93		
10	256QAM	50	0	18.09	18.20	18.07		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	21.11	21.24	21.22	22	0
5	QPSK	1	12	21.07	21.16	21.05		
5	QPSK	1	24	20.99	21.04	21.08		
5	QPSK	12	0	21.04	21.15	21.08	22	0
5	QPSK	12	7	21.01	21.07	21.06		
5	QPSK	12	13	20.85	21.04	20.91		
5	QPSK	25	0	20.89	21.03	20.96		
5	16QAM	1	0	20.94	21.07	20.97	22	0
5	16QAM	1	12	20.89	20.98	20.94		
5	16QAM	1	24	20.80	20.95	20.92		
5	16QAM	12	0	20.89	21.08	20.88	21.5	0.5
5	16QAM	12	7	20.88	21.02	20.90		
5	16QAM	12	13	20.84	20.94	20.78		
5	16QAM	25	0	20.85	20.88	20.88		
5	64QAM	1	0	20.78	20.86	20.79	21.5	0.5
5	64QAM	1	12	20.76	20.77	20.80		
5	64QAM	1	24	20.72	20.71	20.65		
5	64QAM	12	0	19.94	20.05	20.01	20.5	1.5
5	64QAM	12	7	20.03	19.93	19.97		
5	64QAM	12	13	19.87	19.98	19.85		
5	64QAM	25	0	19.91	20.04	20.06		
5	256QAM	1	0	17.90	18.00	17.92	18.5	3.5
5	256QAM	1	12	17.90	17.98	17.91		
5	256QAM	1	24	17.76	17.81	17.87		
5	256QAM	12	0	17.88	18.04	17.89	18.5	3.5
5	256QAM	12	7	17.81	17.87	17.86		
5	256QAM	12	13	17.71	17.86	17.84		
5	256QAM	25	0	18.01	18.12	17.93		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	21.16	21.27	21.16	22	0
3	QPSK	1	8	21.11	21.21	21.09		
3	QPSK	1	14	20.95	21.00	21.03		
3	QPSK	8	0	21.09	21.13	21.12	22	0
3	QPSK	8	4	21.05	21.10	20.96		
3	QPSK	8	7	20.88	21.02	20.97		
3	QPSK	15	0	20.91	21.12	21.03		
3	16QAM	1	0	21.01	21.12	20.99	22	0
3	16QAM	1	8	20.99	20.91	20.91		
3	16QAM	1	14	20.83	20.95	20.84		
3	16QAM	8	0	20.91	21.00	20.95	21.5	0.5
3	16QAM	8	4	20.82	21.03	20.89		
3	16QAM	8	7	20.87	20.93	20.77		
3	16QAM	15	0	20.85	20.98	20.86		
3	64QAM	1	0	20.81	20.86	20.78	21.5	0.5
3	64QAM	1	8	20.71	20.68	20.79		
3	64QAM	1	14	20.61	20.74	20.61		
3	64QAM	8	0	19.95	20.07	19.97	20.5	1.5
3	64QAM	8	4	20.00	20.00	19.98		
3	64QAM	8	7	19.92	20.01	19.86		
3	64QAM	15	0	19.99	20.04	20.06		
3	256QAM	1	0	17.86	18.05	17.91	18.5	3.5
3	256QAM	1	8	17.85	18.00	17.93		
3	256QAM	1	14	17.81	17.88	17.93		
3	256QAM	8	0	17.91	17.96	17.82	18.5	3.5
3	256QAM	8	4	17.81	17.97	17.89		
3	256QAM	8	7	17.75	17.94	17.80		
3	256QAM	15	0	18.00	18.07	18.02		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	21.14	21.17	21.23	22	0
1.4	QPSK	1	3	21.11	21.18	21.16		
1.4	QPSK	1	5	21.00	21.12	20.98		
1.4	QPSK	3	0	21.09	21.11	21.06		
1.4	QPSK	3	1	21.08	21.01	20.96		
1.4	QPSK	3	3	20.85	20.95	20.94		
1.4	QPSK	6	0	20.93	21.11	21.05	22	0
1.4	16QAM	1	0	20.99	21.08	20.96	22	0
1.4	16QAM	1	3	21.00	20.98	20.88		
1.4	16QAM	1	5	20.91	21.03	20.96		
1.4	16QAM	3	0	20.96	21.13	21.06		
1.4	16QAM	3	1	20.95	21.07	20.98		
1.4	16QAM	3	3	20.89	20.96	20.86		
1.4	16QAM	6	0	20.77	20.86	20.84	21.5	0.5
1.4	64QAM	1	0	20.95	21.02	20.89	21.5	0.5
1.4	64QAM	1	3	20.84	20.96	20.83		
1.4	64QAM	1	5	20.76	20.87	20.89		
1.4	64QAM	3	0	20.80	20.98	20.79		
1.4	64QAM	3	1	20.83	20.81	20.77		
1.4	64QAM	3	3	20.70	20.74	20.73		
1.4	64QAM	6	0	19.92	20.01	19.96	20.5	1.5
1.4	256QAM	1	0	17.87	18.03	17.89	18.5	3.5
1.4	256QAM	1	3	17.94	18.01	17.92		
1.4	256QAM	1	5	17.78	17.81	17.84		
1.4	256QAM	3	0	17.89	18.00	17.82		
1.4	256QAM	3	1	17.84	17.90	17.88		
1.4	256QAM	3	3	17.80	17.92	17.80		
1.4	256QAM	6	0	18.00	18.11	17.94	18.5	3.5

Band 7 DSI5_Simultaneous Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	18.88	18.90	18.81	20.1	0
20	QPSK	1	49	18.89	18.89	18.79		
20	QPSK	1	99	18.71	18.83	18.73		
20	QPSK	50	0	18.81	18.85	18.76	20.1	0
20	QPSK	50	24	18.78	18.80	18.72		
20	QPSK	50	50	18.74	18.78	18.81		
20	QPSK	100	0	18.71	18.83	18.69		
20	16QAM	1	0	18.64	18.77	18.62	20.1	0
20	16QAM	1	49	18.70	18.82	18.80		
20	16QAM	1	99	18.66	18.75	18.68		
20	16QAM	50	0	18.72	18.81	18.67	20.1	0
20	16QAM	50	24	18.69	18.83	18.66		
20	16QAM	50	50	18.74	18.77	18.70		
20	16QAM	100	0	18.77	18.85	18.84		
20	64QAM	1	0	18.63	18.77	18.63	20.1	0
20	64QAM	1	49	18.65	18.72	18.60		
20	64QAM	1	99	18.67	18.72	18.65		
20	64QAM	50	0	18.67	18.87	18.74	20.1	0
20	64QAM	50	24	18.73	18.78	18.63		
20	64QAM	50	50	18.70	18.82	18.75		
20	64QAM	100	0	18.67	18.74	18.62		
20	256QAM	1	0	18.46	18.65	18.52	20	0.1
20	256QAM	1	49	18.49	18.60	18.42		
20	256QAM	1	99	18.35	18.43	18.43		
20	256QAM	50	0	18.43	18.60	18.46	20	0.1
20	256QAM	50	24	18.37	18.44	18.36		
20	256QAM	50	50	18.34	18.44	18.33		
20	256QAM	100	0	18.45	18.56	18.39		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	18.75	18.82	18.76	20.1	0
15	QPSK	1	37	18.74	18.78	18.66		
15	QPSK	1	74	18.63	18.77	18.62		
15	QPSK	36	0	18.67	18.74	18.63	20.1	0
15	QPSK	36	20	18.75	18.66	18.60		
15	QPSK	36	39	18.67	18.64	18.76		
15	QPSK	75	0	18.65	18.75	18.65		
15	16QAM	1	0	18.58	18.70	18.50	20.1	0
15	16QAM	1	37	18.60	18.74	18.72		
15	16QAM	1	74	18.53	18.72	18.64		
15	16QAM	36	0	18.58	18.78	18.55	20.1	0
15	16QAM	36	20	18.57	18.76	18.57		
15	16QAM	36	39	18.62	18.69	18.57		
15	16QAM	75	0	18.74	18.76	18.73		
15	64QAM	1	0	18.59	18.70	18.49	20.1	0
15	64QAM	1	37	18.57	18.58	18.49		
15	64QAM	1	74	18.60	18.59	18.57		
15	64QAM	36	0	18.60	18.74	18.66	20.1	0
15	64QAM	36	20	18.61	18.74	18.56		
15	64QAM	36	39	18.64	18.73	18.62		
15	64QAM	75	0	18.57	18.65	18.58		
15	256QAM	1	0	18.42	18.54	18.42	20	0.1
15	256QAM	1	37	18.36	18.53	18.30		
15	256QAM	1	74	18.23	18.36	18.35		
15	256QAM	36	0	18.34	18.50	18.39	20	0.1
15	256QAM	36	20	18.32	18.39	18.33		
15	256QAM	36	39	18.25	18.37	18.25		
15	256QAM	75	0	18.32	18.43	18.36		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	18.79	18.87	18.71	20.1	0
10	QPSK	1	25	18.85	18.84	18.71		
10	QPSK	1	49	18.63	18.79	18.65		
10	QPSK	25	0	18.67	18.75	18.68	20.1	0
10	QPSK	25	12	18.71	18.72	18.59		
10	QPSK	25	25	18.69	18.74	18.68		
10	QPSK	50	0	18.60	18.75	18.54		
10	16QAM	1	0	18.51	18.64	18.49	20.1	0
10	16QAM	1	25	18.59	18.74	18.68		
10	16QAM	1	49	18.61	18.67	18.59		
10	16QAM	25	0	18.68	18.76	18.58	20.1	0
10	16QAM	25	12	18.57	18.72	18.61		
10	16QAM	25	25	18.64	18.68	18.60		
10	16QAM	50	0	18.70	18.75	18.77		
10	64QAM	1	0	18.53	18.64	18.59	20.1	0
10	64QAM	1	25	18.57	18.66	18.52		
10	64QAM	1	49	18.63	18.60	18.50		
10	64QAM	25	0	18.52	18.75	18.63	20.1	0
10	64QAM	25	12	18.63	18.64	18.56		
10	64QAM	25	25	18.64	18.73	18.64		
10	64QAM	50	0	18.58	18.66	18.50		
10	256QAM	1	0	18.35	18.60	18.48	20	0.1
10	256QAM	1	25	18.43	18.57	18.32		
10	256QAM	1	49	18.30	18.32	18.37		
10	256QAM	25	0	18.36	18.56	18.42	20	0.1
10	256QAM	25	12	18.25	18.35	18.27		
10	256QAM	25	25	18.25	18.34	18.18		
10	256QAM	50	0	18.39	18.52	18.26		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	18.77	18.80	18.72	20.1	0
5	QPSK	1	12	18.76	18.79	18.70		
5	QPSK	1	24	18.66	18.79	18.60		
5	QPSK	12	0	18.78	18.74	18.69	20.1	0
5	QPSK	12	7	18.66	18.72	18.60		
5	QPSK	12	13	18.68	18.72	18.74		
5	QPSK	25	0	18.67	18.72	18.65		
5	16QAM	1	0	18.56	18.68	18.51	20.1	0
5	16QAM	1	12	18.65	18.73	18.70		
5	16QAM	1	24	18.54	18.69	18.57		
5	16QAM	12	0	18.60	18.69	18.57	20.1	0
5	16QAM	12	7	18.61	18.77	18.58		
5	16QAM	12	13	18.61	18.67	18.57		
5	16QAM	25	0	18.74	18.71	18.73		
5	64QAM	1	0	18.57	18.69	18.56	20.1	0
5	64QAM	1	12	18.61	18.57	18.48		
5	64QAM	1	24	18.53	18.68	18.55		
5	64QAM	12	0	18.60	18.74	18.59	20.1	0
5	64QAM	12	7	18.61	18.73	18.54		
5	64QAM	12	13	18.58	18.75	18.69		
5	64QAM	25	0	18.52	18.60	18.58		
5	256QAM	1	0	18.36	18.55	18.47	20	0.1
5	256QAM	1	12	18.43	18.59	18.28		
5	256QAM	1	24	18.26	18.36	18.31		
5	256QAM	12	0	18.28	18.48	18.32	20	0.1
5	256QAM	12	7	18.25	18.40	18.32		
5	256QAM	12	13	18.30	18.41	18.25		
5	256QAM	25	0	18.31	18.51	18.35		

Band 12 Default Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	21.61	21.73	21.68	23	0
10	QPSK	1	25	21.43	21.61	21.52		
10	QPSK	1	49	21.47	21.49	21.52		
10	QPSK	25	0	21.60	21.70	21.55	23	0
10	QPSK	25	12	21.55	21.63	21.53		
10	QPSK	25	25	21.46	21.48	21.46		
10	QPSK	50	0	21.51	21.57	21.45		
10	16QAM	1	0	21.55	21.63	21.51	23	0
10	16QAM	1	25	21.40	21.48	21.36		
10	16QAM	1	49	21.35	21.48	21.44		
10	16QAM	25	0	21.39	21.59	21.49	22.5	0.5
10	16QAM	25	12	21.34	21.46	21.40		
10	16QAM	25	25	21.38	21.39	21.41		
10	16QAM	50	0	21.33	21.54	21.40		
10	64QAM	1	0	21.34	21.50	21.36	22.5	0.5
10	64QAM	1	25	21.26	21.32	21.33		
10	64QAM	1	49	21.24	21.36	21.28		
10	64QAM	25	0	20.40	20.53	20.43	21.5	1.5
10	64QAM	25	12	20.37	20.43	20.31		
10	64QAM	25	25	20.28	20.34	20.33		
10	64QAM	50	0	20.25	20.37	20.31		
10	256QAM	1	0	18.44	18.62	18.48	19.5	3.5
10	256QAM	1	25	18.42	18.62	18.49		
10	256QAM	1	49	18.41	18.37	18.33		
10	256QAM	25	0	18.35	18.53	18.42	19.5	3.5
10	256QAM	25	12	18.26	18.37	18.36		
10	256QAM	25	25	18.24	18.32	18.32		
10	256QAM	50	0	18.33	18.45	18.30		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	21.56	21.63	21.54	23	0
5	QPSK	1	12	21.37	21.56	21.43		
5	QPSK	1	24	21.33	21.44	21.40		
5	QPSK	12	0	21.51	21.58	21.44	23	0
5	QPSK	12	7	21.49	21.58	21.39		
5	QPSK	12	13	21.34	21.39	21.41		
5	QPSK	25	0	21.40	21.46	21.33		
5	16QAM	1	0	21.48	21.51	21.40	23	0
5	16QAM	1	12	21.30	21.37	21.23		
5	16QAM	1	24	21.22	21.37	21.31		
5	16QAM	12	0	21.31	21.46	21.41	22.5	0.5
5	16QAM	12	7	21.23	21.39	21.27		
5	16QAM	12	13	21.27	21.32	21.38		
5	16QAM	25	0	21.26	21.43	21.34		
5	64QAM	1	0	21.20	21.36	21.22	22.5	0.5
5	64QAM	1	12	21.12	21.17	21.27		
5	64QAM	1	24	21.13	21.26	21.20		
5	64QAM	12	0	20.31	20.41	20.30	21.5	1.5
5	64QAM	12	7	20.33	20.34	20.19		
5	64QAM	12	13	20.17	20.20	20.18		
5	64QAM	25	0	20.15	20.22	20.24		
5	256QAM	1	0	18.36	18.53	18.35	19.5	3.5
5	256QAM	1	12	18.31	18.50	18.45		
5	256QAM	1	24	18.28	18.31	18.25		
5	256QAM	12	0	18.30	18.45	18.31	19.5	3.5
5	256QAM	12	7	18.17	18.24	18.23		
5	256QAM	12	13	18.20	18.23	18.20		
5	256QAM	25	0	18.30	18.42	18.17		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	21.46	21.66	21.63	23	0
3	QPSK	1	8	21.32	21.54	21.37		
3	QPSK	1	14	21.42	21.43	21.38		
3	QPSK	8	0	21.55	21.59	21.43	23	0
3	QPSK	8	4	21.48	21.52	21.39		
3	QPSK	8	7	21.32	21.40	21.38		
3	QPSK	15	0	21.37	21.53	21.37		
3	16QAM	1	0	21.47	21.57	21.37	23	0
3	16QAM	1	8	21.30	21.41	21.33		
3	16QAM	1	14	21.22	21.42	21.30		
3	16QAM	8	0	21.26	21.49	21.41	22.5	0.5
3	16QAM	8	4	21.21	21.38	21.30		
3	16QAM	8	7	21.28	21.32	21.27		
3	16QAM	15	0	21.22	21.47	21.36		
3	64QAM	1	0	21.20	21.40	21.29	22.5	0.5
3	64QAM	1	8	21.12	21.29	21.19		
3	64QAM	1	14	21.12	21.23	21.18		
3	64QAM	8	0	20.37	20.43	20.39	21.5	1.5
3	64QAM	8	4	20.23	20.28	20.25		
3	64QAM	8	7	20.16	20.19	20.27		
3	64QAM	15	0	20.19	20.25	20.22		
3	256QAM	1	0	18.30	18.47	18.36	19.5	3.5
3	256QAM	1	8	18.27	18.49	18.43		
3	256QAM	1	14	18.28	18.33	18.28		
3	256QAM	8	0	18.28	18.40	18.31	19.5	3.5
3	256QAM	8	4	18.18	18.26	18.30		
3	256QAM	8	7	18.20	18.19	18.29		
3	256QAM	15	0	18.23	18.36	18.17		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	21.46	21.69	21.55	23	0
1.4	QPSK	1	3	21.35	21.50	21.49		
1.4	QPSK	1	5	21.40	21.44	21.45		
1.4	QPSK	3	0	21.57	21.57	21.40		
1.4	QPSK	3	1	21.48	21.59	21.39		
1.4	QPSK	3	3	21.35	21.33	21.35		
1.4	QPSK	6	0	21.39	21.50	21.30	23	0
1.4	16QAM	1	0	21.50	21.56	21.39	23	0
1.4	16QAM	1	3	21.34	21.40	21.33		
1.4	16QAM	1	5	21.26	21.42	21.40		
1.4	16QAM	3	0	21.28	21.46	21.39		
1.4	16QAM	3	1	21.26	21.44	21.28		
1.4	16QAM	3	3	21.23	21.37	21.35		
1.4	16QAM	6	0	21.21	21.48	21.34	22.5	0.5
1.4	64QAM	1	0	21.28	21.41	21.27	22.5	0.5
1.4	64QAM	1	3	21.13	21.21	21.19		
1.4	64QAM	1	5	21.19	21.28	21.18		
1.4	64QAM	3	0	21.23	21.36	21.32		
1.4	64QAM	3	1	21.23	21.23	21.20		
1.4	64QAM	3	3	21.10	21.22	21.17		
1.4	64QAM	6	0	20.35	20.41	20.29	21.5	1.5
1.4	256QAM	1	0	18.37	18.49	18.44	19.5	3.5
1.4	256QAM	1	3	18.33	18.55	18.44		
1.4	256QAM	1	5	18.29	18.28	18.24		
1.4	256QAM	3	0	18.27	18.39	18.30		
1.4	256QAM	3	1	18.14	18.30	18.24		
1.4	256QAM	3	3	18.15	18.24	18.22		
1.4	256QAM	6	0	18.27	18.30	18.19	19.5	3.5

Band 13 Default Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		21.67		23	0
10	QPSK	1	25		21.48			
10	QPSK	1	49		21.50			
10	QPSK	25	0		21.63		23	0
10	QPSK	25	12		21.50			
10	QPSK	25	25		21.39			
10	QPSK	50	0		21.56			
10	16QAM	1	0		21.50		23	0
10	16QAM	1	25		21.45			
10	16QAM	1	49		21.45			
10	16QAM	25	0		21.47		22.5	0.5
10	16QAM	25	12		21.42			
10	16QAM	25	25		21.40			
10	16QAM	50	0		21.36			
10	64QAM	1	0		21.19		22.5	0.5
10	64QAM	1	25		21.04			
10	64QAM	1	49		21.02			
10	64QAM	25	0		20.21		21.5	1.5
10	64QAM	25	12		20.12			
10	64QAM	25	25		20.14			
10	64QAM	50	0		19.82			
10	256QAM	1	0		18.18		19.5	3.5
10	256QAM	1	25		18.12			
10	256QAM	1	49		17.99			
10	256QAM	25	0		18.14		19.5	3.5
10	256QAM	25	12		17.97			
10	256QAM	25	25		18.01			
10	256QAM	50	0		18.12			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	21.53	21.62	21.58	23	0
5	QPSK	1	12	21.42	21.44	21.34		
5	QPSK	1	24	21.42	21.38	21.46		
5	QPSK	12	0	21.54	21.57	21.49	23	0
5	QPSK	12	7	21.46	21.45	21.36		
5	QPSK	12	13	21.32	21.32	21.35		
5	QPSK	25	0	21.45	21.46	21.45		
5	16QAM	1	0	21.47	21.37	21.38	23	0
5	16QAM	1	12	21.32	21.31	21.30		
5	16QAM	1	24	21.36	21.37	21.42		
5	16QAM	12	0	21.33	21.33	21.42	22.5	0.5
5	16QAM	12	7	21.35	21.36	21.38		
5	16QAM	12	13	21.28	21.27	21.28		
5	16QAM	25	0	21.26	21.32	21.32		
5	64QAM	1	0	21.08	21.14	21.14	22.5	0.5
5	64QAM	1	12	20.96	20.94	20.97		
5	64QAM	1	24	20.94	20.91	20.95		
5	64QAM	12	0	20.14	20.13	20.18	21.5	1.5
5	64QAM	12	7	20.06	20.06	20.05		
5	64QAM	12	13	20.04	20.01	20.07		
5	64QAM	25	0	19.77	19.71	19.77		
5	256QAM	1	0	18.11	18.15	18.08	19.5	3.5
5	256QAM	1	12	18.07	18.07	18.01		
5	256QAM	1	24	17.94	17.94	17.85		
5	256QAM	12	0	18.08	18.10	18.10	19.5	3.5
5	256QAM	12	7	17.83	17.93	17.85		
5	256QAM	12	13	17.97	17.92	17.96		
5	256QAM	25	0	18.04	18.07	17.97		

Band 14 Default Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23330			
Frequency (MHz)					793			
10	QPSK	1	0		21.72		23	0
10	QPSK	1	25		21.53			
10	QPSK	1	49		21.54			
10	QPSK	25	0		21.68		23	0
10	QPSK	25	12		21.52			
10	QPSK	25	25		21.49			
10	QPSK	50	0		21.60			
10	16QAM	1	0		21.57		23	0
10	16QAM	1	25		21.39			
10	16QAM	1	49		21.37			
10	16QAM	25	0		21.52		22.5	0.5
10	16QAM	25	12		21.43			
10	16QAM	25	25		21.37			
10	16QAM	50	0		21.46			
10	64QAM	1	0		21.13		22.5	0.5
10	64QAM	1	25		21.05			
10	64QAM	1	49		20.93			
10	64QAM	25	0		20.16		21.5	1.5
10	64QAM	25	12		19.96			
10	64QAM	25	25		19.99			
10	64QAM	50	0		20.08			
10	256QAM	1	0		18.43		19.5	3.5
10	256QAM	1	25		18.43			
10	256QAM	1	49		18.29			
10	256QAM	25	0		18.42		19.5	3.5
10	256QAM	25	12		18.23			
10	256QAM	25	25		18.24			
10	256QAM	50	0		18.45			
Channel				23305	23330	23355	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	0	21.56	21.60	21.43	23	0
5	QPSK	1	12	21.52	21.57	21.25		
5	QPSK	1	24	21.48	21.48	21.25		
5	QPSK	12	0	21.45	21.59	21.37	23	0
5	QPSK	12	7	21.32	21.42	21.35		
5	QPSK	12	13	21.35	21.40	21.35		
5	QPSK	25	0	21.38	21.57	21.38		
5	16QAM	1	0	21.29	21.46	21.40	23	0
5	16QAM	1	12	21.32	21.35	21.31		
5	16QAM	1	24	21.26	21.23	21.25		
5	16QAM	12	0	21.36	21.46	21.29	22.5	0.5
5	16QAM	12	7	21.24	21.34	21.27		
5	16QAM	12	13	21.16	21.23	21.14		
5	16QAM	25	0	21.19	21.38	21.30		
5	64QAM	1	0	20.92	21.01	20.91	22.5	0.5
5	64QAM	1	12	20.80	20.81	20.91		
5	64QAM	1	24	20.75	20.92	20.85		
5	64QAM	12	0	19.90	20.10	19.88	21.5	1.5
5	64QAM	12	7	19.81	19.89	19.82		
5	64QAM	12	13	19.87	19.97	19.88		
5	64QAM	25	0	19.98	20.01	19.98		
5	256QAM	1	0	18.12	18.39	18.17	19.5	3.5
5	256QAM	1	12	18.14	18.40	18.06		
5	256QAM	1	24	18.11	18.13	18.16		
5	256QAM	12	0	18.11	18.33	18.11	19.5	3.5
5	256QAM	12	7	18.11	18.15	18.03		
5	256QAM	12	13	18.05	18.20	18.09		
5	256QAM	25	0	18.24	18.35	18.15		

Band 17 Default Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	21.61	21.66	21.56	23	0
10	QPSK	1	25	21.42	21.49	21.38		
10	QPSK	1	49	21.46	21.48	21.42		
10	QPSK	25	0	21.32	21.58	21.41	23	0
10	QPSK	25	12	21.33	21.35	21.27		
10	QPSK	25	25	21.32	21.31	21.29		
10	QPSK	50	0	21.48	21.52	21.47		
10	16QAM	1	0	21.31	21.51	21.40	23	0
10	16QAM	1	25	21.25	21.35	21.34		
10	16QAM	1	49	21.24	21.37	21.33		
10	16QAM	25	0	21.24	21.41	21.32	22.5	0.5
10	16QAM	25	12	21.17	21.23	21.10		
10	16QAM	25	25	21.20	21.27	21.18		
10	16QAM	50	0	21.22	21.36	21.30		
10	64QAM	1	0	21.12	21.34	21.27	22.5	0.5
10	64QAM	1	25	21.08	21.22	21.10		
10	64QAM	1	49	21.03	21.20	21.09		
10	64QAM	25	0	20.28	20.39	20.23	21.5	1.5
10	64QAM	25	12	20.15	20.25	20.16		
10	64QAM	25	25	20.19	20.23	20.14		
10	64QAM	50	0	20.28	20.27	20.21		
10	256QAM	1	0	18.28	18.41	18.31	19.5	3.5
10	256QAM	1	25	18.19	18.41	18.27		
10	256QAM	1	49	18.13	18.19	18.21		
10	256QAM	25	0	18.08	18.26	18.10	19.5	3.5
10	256QAM	25	12	18.10	18.08	18.09		
10	256QAM	25	25	18.05	18.08	17.97		
10	256QAM	50	0	18.21	18.34	18.26		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	21.47	21.58	21.41	23	0
5	QPSK	1	12	21.38	21.37	21.31		
5	QPSK	1	24	21.42	21.43	21.33		
5	QPSK	12	0	21.23	21.47	21.27	23	0
5	QPSK	12	7	21.24	21.23	21.14		
5	QPSK	12	13	21.22	21.23	21.26		
5	QPSK	25	0	21.41	21.46	21.39		
5	16QAM	1	0	21.18	21.39	21.27	23	0
5	16QAM	1	12	21.13	21.28	21.26		
5	16QAM	1	24	21.21	21.22	21.22		
5	16QAM	12	0	21.21	21.30	21.23	22.5	0.5
5	16QAM	12	7	21.10	21.13	21.03		
5	16QAM	12	13	21.11	21.23	21.13		
5	16QAM	25	0	21.16	21.25	21.21		
5	64QAM	1	0	21.05	21.29	21.21	22.5	0.5
5	64QAM	1	12	21.02	21.18	20.95		
5	64QAM	1	24	20.96	21.16	21.03		
5	64QAM	12	0	20.19	20.35	20.19	21.5	1.5
5	64QAM	12	7	20.05	20.19	20.04		
5	64QAM	12	13	20.06	20.12	20.05		
5	64QAM	25	0	20.19	20.22	20.11		
5	256QAM	1	0	18.22	18.31	18.24	19.5	3.5
5	256QAM	1	12	18.06	18.34	18.14		
5	256QAM	1	24	18.00	18.10	18.07		
5	256QAM	12	0	18.02	18.12	18.07	19.5	3.5
5	256QAM	12	7	18.03	18.02	18.00		
5	256QAM	12	13	17.99	18.01	17.82		
5	256QAM	25	0	18.11	18.24	18.12		

Band 25 Default Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	21.00	21.11	21.06		
20	QPSK	1	49	20.84	20.97	20.93	22	0
20	QPSK	1	99	20.83	20.92	20.87		
20	QPSK	50	0	20.92	21.06	20.96		
20	QPSK	50	24	20.84	20.89	20.85	22	0
20	QPSK	50	50	20.76	20.87	20.80		
20	QPSK	100	0	20.89	21.02	20.94		
20	16QAM	1	0	20.87	21.06	20.93		
20	16QAM	1	49	20.83	20.89	20.89	22	0
20	16QAM	1	99	20.78	20.85	20.80		
20	16QAM	50	0	20.84	21.00	20.84		
20	16QAM	50	24	20.77	20.90	20.81	22	0
20	16QAM	50	50	20.74	20.79	20.75		
20	16QAM	100	0	20.82	20.94	20.76		
20	64QAM	1	0	20.88	21.09	20.97		
20	64QAM	1	49	20.92	20.97	20.89	22	0
20	64QAM	1	99	20.88	20.89	20.80		
20	64QAM	50	0	20.89	21.01	20.89		
20	64QAM	50	24	20.81	20.89	20.84	22	0
20	64QAM	50	50	20.70	20.78	20.74		
20	64QAM	100	0	20.86	20.95	20.92		
20	256QAM	1	0	17.90	18.07	17.89		
20	256QAM	1	49	17.92	18.07	17.88	19	3
20	256QAM	1	99	17.77	17.84	17.77		
20	256QAM	50	0	17.86	17.99	17.88		
20	256QAM	50	24	17.80	17.85	17.84	19	3
20	256QAM	50	50	17.71	17.82	17.78		
20	256QAM	100	0	17.92	18.08	17.89		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	20.89	21.07	20.96		
15	QPSK	1	37	20.75	20.91	20.79	22	0
15	QPSK	1	74	20.75	20.84	20.75		
15	QPSK	36	0	20.83	20.94	20.91		
15	QPSK	36	20	20.80	20.77	20.77	22	0
15	QPSK	36	39	20.62	20.75	20.74		
15	QPSK	75	0	20.82	20.98	20.88		
15	16QAM	1	0	20.80	20.98	20.88		
15	16QAM	1	37	20.77	20.83	20.79	22	0
15	16QAM	1	74	20.66	20.77	20.66		
15	16QAM	36	0	20.71	20.96	20.71		
15	16QAM	36	20	20.71	20.86	20.74	22	0
15	16QAM	36	39	20.69	20.74	20.64		
15	16QAM	75	0	20.78	20.81	20.61		
15	64QAM	1	0	20.83	21.06	20.86		
15	64QAM	1	37	20.89	20.85	20.77	22	0
15	64QAM	1	74	20.74	20.85	20.70		
15	64QAM	36	0	20.76	20.96	20.75		
15	64QAM	36	20	20.76	20.80	20.70	22	0
15	64QAM	36	39	20.62	20.63	20.60		
15	64QAM	75	0	20.77	20.81	20.88		
15	256QAM	1	0	17.80	18.02	17.78		
15	256QAM	1	37	17.88	18.03	17.78	19	3
15	256QAM	1	74	17.63	17.71	17.73		
15	256QAM	36	0	17.80	17.91	17.85		
15	256QAM	36	20	17.69	17.78	17.77	19	3
15	256QAM	36	39	17.66	17.78	17.67		
15	256QAM	75	0	17.79	17.97	17.80		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	20.86	21.02	21.02		
10	QPSK	1	25	20.78	20.93	20.89	22	0
10	QPSK	1	49	20.78	20.80	20.73		
10	QPSK	25	0	20.81	21.02	20.85		
10	QPSK	25	12	20.77	20.77	20.76	22	0
10	QPSK	25	25	20.63	20.78	20.73		
10	QPSK	50	0	20.79	20.89	20.80		
10	16QAM	1	0	20.80	20.97	20.82		
10	16QAM	1	25	20.74	20.76	20.79	22	0
10	16QAM	1	49	20.75	20.71	20.75		
10	16QAM	25	0	20.77	20.91	20.75		
10	16QAM	25	12	20.68	20.85	20.74	22	0
10	16QAM	25	25	20.67	20.64	20.62		
10	16QAM	50	0	20.76	20.81	20.65		
10	64QAM	1	0	20.80	21.00	20.93		
10	64QAM	1	25	20.77	20.85	20.77	22	0
10	64QAM	1	49	20.64	20.80	20.68		
10	64QAM	25	0	20.79	20.88	20.74		
10	64QAM	25	12	20.68	20.86	20.77	22	0
10	64QAM	25	25	20.65	20.66	20.62		
10	64QAM	50	0	20.71	20.91	20.81		
10	256QAM	1	0	17.87	18.03	17.77		
10	256QAM	1	25	17.88	17.99	17.74	19	3
10	256QAM	1	49	17.71	17.75	17.62		
10	256QAM	25	0	17.80	17.85	17.82		
10	256QAM	25	12	17.74	17.71	17.77	19	3
10	256QAM	25	25	17.64	17.74	17.74		
10	256QAM	50	0	17.82	17.96	17.79		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	20.94	21.00	21.01		
5	QPSK	1	12	20.80	20.84	20.89	22	0
5	QPSK	1	24	20.69	20.81	20.80		
5	QPSK	12	0	20.78	20.96	20.82		
5	QPSK	12	7	20.73	20.83	20.74	22	0
5	QPSK	12	13	20.64	20.80	20.74		
5	QPSK	25	0	20.81	20.92	20.90		
5	16QAM	1	0	20.73	20.92	20.82		
5	16QAM	1	12	20.73	20.81	20.75	22	0
5	16QAM	1	24	20.68	20.71	20.76		
5	16QAM	12	0	20.77	20.90	20.69		
5	16QAM	12	7	20.72	20.78	20.72	22	0
5	16QAM	12	13	20.64	20.74	20.67		
5	16QAM	25	0	20.69	20.84	20.63		
5	64QAM	1	0	20.85	21.04	20.91		
5	64QAM	1	12	20.85	20.88	20.81	22	0
5	64QAM	1	24	20.77	20.79	20.69		
5	64QAM	12	0	20.75	20.92	20.84		
5	64QAM	12	7	20.77	20.74	20.70	22	0
5	64QAM	12	13	20.59	20.68	20.63		
5	64QAM	25	0	20.74	20.84	20.86		
5	256QAM	1	0	17.77	18.03	17.77		
5	256QAM	1	12	17.81	18.02	17.74	19	3
5	256QAM	1	24	17.73	17.70	17.69		
5	256QAM	12	0	17.76	17.87	17.75		
5	256QAM	12	7	17.70	17.71	17.74	19	3
5	256QAM	12	13	17.62	17.70	17.74		
5	256QAM	25	0	17.83	18.04	17.83		
Channel				26015	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	20.96	20.99	20.98		
3	QPSK	1	8	20.75	20.93	20.87	22	0
3	QPSK	1	14	20.71	20.87	20.79		
3	QPSK	8	0	20.81	21.02	20.91		
3	QPSK	8	4	20.73	20.83	20.70	22	0
3	QPSK	8	7	20.69	20.79	20.71		
3	QPSK	15	0	20.81	20.94	20.83		
3	16QAM	1	0	20.81	20.99	20.86		
3	16QAM	1	8	20.78	20.84	20.85	22	0
3	16QAM	1	14	20.65	20.79	20.72		
3	16QAM	8	0	20.76	20.86	20.79		
3	16QAM	8	4	20.67	20.84	20.72	22	0
3	16QAM	8	7	20.60	20.69	20.61		
3	16QAM	15	0	20.74	20.88	20.63		
3	64QAM	1	0	20.84	21.00	20.87		
3	64QAM	1	8	20.86	20.93	20.76	22	0
3	64QAM	1	14	20.81	20.75	20.69		
3	64QAM	8	0	20.75	20.88	20.79		
3	64QAM	8	4	20.71	20.78	20.73	22	0
3	64QAM	8	7	20.64	20.63	20.67		
3	64QAM	15	0	20.81	20.88	20.77		
3	256QAM	1	0	17.85	17.96	17.85		
3	256QAM	1	8	17.81	17.96	17.83	19	3
3	256QAM	1	14	17.71	17.69	17.63		
3	256QAM	8	0	17.78	17.93	17.83		
3	256QAM	8	4	17.74	17.73	17.76	19	3
3	256QAM	8	7	17.65	17.73	17.65		
3	256QAM	15	0	17.82	17.93	17.83		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	20.91	21.00	21.02		
1.4	QPSK	1	3	20.80	20.85	20.80		
1.4	QPSK	1	5	20.69	20.88	20.73		
1.4	QPSK	3	0	20.86	20.93	20.88		
1.4	QPSK	3	1	20.70	20.76	20.71		
1.4	QPSK	3	3	20.69	20.78	20.72		
1.4	QPSK	6	0	20.78	20.92	20.90	22	0
1.4	16QAM	1	0	20.78	21.01	20.87		
1.4	16QAM	1	3	20.71	20.81	20.84		
1.4	16QAM	1	5	20.75	20.71	20.69	22	0
1.4	16QAM	3	0	20.80	20.92	20.72		
1.4	16QAM	3	1	20.65	20.84	20.71		
1.4	16QAM	3	3	20.60	20.65	20.70		
1.4	16QAM	6	0	20.73	20.87	20.65	22	0
1.4	64QAM	1	0	20.74	20.94	20.84		
1.4	64QAM	1	3	20.82	20.91	20.75		
1.4	64QAM	1	5	20.73	20.82	20.74	22	0
1.4	64QAM	3	0	20.77	20.91	20.75		
1.4	64QAM	3	1	20.70	20.81	20.72		
1.4	64QAM	3	3	20.55	20.72	20.63		
1.4	64QAM	6	0	20.78	20.84	20.84	22	0
1.4	256QAM	1	0	17.82	18.01	17.74		
1.4	256QAM	1	3	17.83	17.95	17.75		
1.4	256QAM	1	5	17.64	17.72	17.68	19	3
1.4	256QAM	3	0	17.77	17.85	17.81		
1.4	256QAM	3	1	17.70	17.70	17.74		
1.4	256QAM	3	3	17.65	17.70	17.66		
1.4	256QAM	6	0	17.84	18.03	17.82	19	3

Band 26 Default Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	21.32	21.38	21.29		
15	QPSK	1	37	21.17	21.27	21.14	22	0
15	QPSK	1	74	21.14	21.20	21.10		
15	QPSK	36	0	21.18	21.33	21.14		
15	QPSK	36	20	21.17	21.18	21.12	22	0
15	QPSK	36	39	21.02	21.18	21.06		
15	QPSK	75	0	21.17	21.29	21.11		
15	16QAM	1	0	21.11	21.23	21.11		
15	16QAM	1	37	21.02	21.11	21.04	22	0
15	16QAM	1	74	20.97	21.08	21.05		
15	16QAM	36	0	21.05	21.17	21.05		
15	16QAM	36	20	20.97	21.06	20.97	22	0
15	16QAM	36	39	20.95	20.94	20.89		
15	16QAM	75	0	21.04	21.15	20.99		
15	64QAM	1	0	21.09	21.29	21.14		
15	64QAM	1	37	21.07	21.12	21.05	22	0
15	64QAM	1	74	21.09	21.05	21.10		
15	64QAM	36	0	20.05	20.15	20.06		
15	64QAM	36	20	19.97	20.03	19.91	21	1
15	64QAM	36	39	19.94	19.94	19.90		
15	64QAM	75	0	20.09	20.15	20.06		
15	256QAM	1	0	18.31	18.43	18.26		
15	256QAM	1	37	18.28	18.43	18.20	19	3
15	256QAM	1	74	18.21	18.26	18.14		
15	256QAM	36	0	18.00	18.17	18.08		
15	256QAM	36	20	18.02	18.08	17.98	19	3
15	256QAM	36	39	17.90	18.02	17.97		
15	256QAM	75	0	18.07	18.23	18.06		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	21.20	21.26	21.26		
10	QPSK	1	25	21.13	21.21	21.01	22	0
10	QPSK	1	49	21.10	21.14	21.04		
10	QPSK	25	0	21.05	21.19	21.00		
10	QPSK	25	12	21.06	21.12	21.02	22	0
10	QPSK	25	25	20.96	21.09	20.94		
10	QPSK	50	0	21.11	21.20	20.97		
10	16QAM	1	0	21.03	21.13	20.97		
10	16QAM	1	25	20.91	21.07	20.92	22	0
10	16QAM	1	49	20.85	20.97	21.01		
10	16QAM	25	0	20.92	21.08	20.98		
10	16QAM	25	12	20.93	20.91	20.94	22	0
10	16QAM	25	25	20.82	20.80	20.80		
10	16QAM	50	0	20.91	21.08	20.87		
10	64QAM	1	0	20.97	21.15	21.04		
10	64QAM	1	25	20.93	21.01	21.02	22	0
10	64QAM	1	49	21.01	20.95	20.98		
10	64QAM	25	0	19.93	20.07	19.93		
10	64QAM	25	12	19.93	19.97	19.93	21	1
10	64QAM	25	25	19.83	19.86	19.87		
10	64QAM	50	0	19.94	20.09	19.97		
10	256QAM	1	0	18.19	18.29	18.11		
10	256QAM	1	25	18.18	18.38	18.11	19	3
10	256QAM	1	49	18.13	18.22	18.05		
10	256QAM	25	0	17.91	18.05	17.96		
10	256QAM	25	12	17.93	18.05	17.88	19	3
10	256QAM	25	25	17.87	17.96	17.93		
10	256QAM	50	0	17.96	18.15	17.97		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	21.19	21.34	21.20		
5	QPSK	1	12	21.11	21.12	21.05	22	0
5	QPSK	1	24	21.09	21.09	20.96		
5	QPSK	12	0	21.06	21.29	21.04		
5	QPSK	12	7	21.07	21.09	21.08	22	0
5	QPSK	12	13	20.96	21.05	20.98		
5	QPSK	25	0	21.12	21.18	21.06		
5	16QAM	1	0	20.99	21.17	21.04		
5	16QAM	1	12	20.97	21.05	20.96	22	0
5	16QAM	1	24	20.85	21.05	21.01		
5	16QAM	12	0	20.95	21.03	20.93		
5	16QAM	12	7	20.87	20.97	20.92	22	0
5	16QAM	12	13	20.87	20.79	20.77		
5	16QAM	25	0	20.93	21.08	20.96		
5	64QAM	1	0	21.04	21.23	21.09		
5	64QAM	1	12	20.96	21.02	20.92	22	0
5	64QAM	1	24	21.03	20.94	20.99		
5	64QAM	12	0	19.95	20.05	19.93		
5	64QAM	12	7	19.93	19.97	19.90	21	1
5	64QAM	12	13	19.84	19.81	19.80		
5	64QAM	25	0	20.02	20.07	20.03		
5	256QAM	1	0	18.19	18.37	18.13		
5	256QAM	1	12	18.13	18.38	18.11	19	3
5	256QAM	1	24	18.10	18.21	18.07		
5	256QAM	12	0	17.92	18.07	18.01		
5	256QAM	12	7	17.99	18.03	17.91	19	3
5	256QAM	12	13	17.83	17.90	17.88		
5	256QAM	25	0	17.99	18.11	18.01		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	21.23	21.32	21.17		
3	QPSK	1	8	21.07	21.20	21.08	22	0
3	QPSK	1	14	21.09	21.15	20.96		
3	QPSK	8	0	21.14	21.22	21.00		
3	QPSK	8	4	21.05	21.14	21.04	22	0
3	QPSK	8	7	20.94	21.05	20.92		
3	QPSK	15	0	21.04	21.16	21.02		
3	16QAM	1	0	20.96	21.15	21.03		
3	16QAM	1	8	20.93	21.03	21.00	22	0
3	16QAM	1	14	20.84	21.01	20.90		
3	16QAM	8	0	20.94	21.04	20.98		
3	16QAM	8	4	20.90	20.92	20.85	22	0
3	16QAM	8	7	20.90	20.89	20.79		
3	16QAM	15	0	20.92	21.11	20.95		
3	64QAM	1	0	21.00	21.15	21.10		
3	64QAM	1	8	20.93	21.01	20.98	22	0
3	64QAM	1	14	21.02	20.97	21.07		
3	64QAM	8	0	20.02	20.01	19.92		
3	64QAM	8	4	19.88	19.97	19.94	21	1
3	64QAM	8	7	19.87	19.87	19.84		
3	64QAM	15	0	19.97	20.10	19.94		
3	256QAM	1	0	18.27	18.36	18.22		
3	256QAM	1	8	18.22	18.37	18.06	19	3
3	256QAM	1	14	18.17	18.19	18.02		
3	256QAM	8	0	17.86	18.05	18.03		
3	256QAM	8	4	17.98	17.95	17.90	19	3
3	256QAM	8	7	17.76	17.96	17.88		
3	256QAM	15	0	17.98	18.14	17.92		
Channel				26907	26965	27023	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	21.20	21.28	21.17		
1.4	QPSK	1	3	21.11	21.21	21.01		
1.4	QPSK	1	5	21.04	21.14	21.02	22	0
1.4	QPSK	3	0	21.05	21.26	21.04		
1.4	QPSK	3	1	21.09	21.08	21.04		
1.4	QPSK	3	3	20.99	21.14	21.03		
1.4	QPSK	6	0	21.09	21.16	21.06	22	0
1.4	16QAM	1	0	21.06	21.18	20.97		
1.4	16QAM	1	3	20.91	21.04	20.94		
1.4	16QAM	1	5	20.93	21.03	20.91	22	0
1.4	16QAM	3	0	20.96	21.11	20.95		
1.4	16QAM	3	1	20.89	20.95	20.85		
1.4	16QAM	3	3	20.88	20.87	20.74		
1.4	16QAM	6	0	20.94	21.00	20.89	22	0
1.4	64QAM	1	0	21.04	21.24	21.04		
1.4	64QAM	1	3	20.97	21.04	21.01		
1.4	64QAM	1	5	20.99	20.97	20.99	22	0
1.4	64QAM	3	0	20.97	21.25	21.03		
1.4	64QAM	3	1	20.93	20.97	20.96		
1.4	64QAM	3	3	21.01	21.01	21.00		
1.4	64QAM	6	0	19.95	20.02	19.96	21	1
1.4	256QAM	1	0	18.20	18.36	18.15		
1.4	256QAM	1	3	18.14	18.33	18.16		
1.4	256QAM	1	5	18.14	18.23	18.02		
1.4	256QAM	3	0	17.87	18.07	18.03	19	3
1.4	256QAM	3	1	17.92	18.02	17.85		
1.4	256QAM	3	3	17.81	17.88	17.93		
1.4	256QAM	6	0	18.01	18.17	18.02	19	3

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		19.59			
10	QPSK	1	25		19.52		20.9	0
10	QPSK	1	49		19.29			
10	QPSK	25	0		19.46			
10	QPSK	25	12		19.22		20.9	0
10	QPSK	25	25		19.25			
10	QPSK	50	0		19.36			
10	16QAM	1	0		19.31			
10	16QAM	1	25		19.24		20.9	0
10	16QAM	1	49		19.20			
10	16QAM	25	0		19.35			
10	16QAM	25	12		19.53		20.9	0
10	16QAM	25	25		19.30			
10	16QAM	50	0		19.25			
10	64QAM	1	0		19.39			
10	64QAM	1	25		19.41		20.9	0
10	64QAM	1	49		19.36			
10	64QAM	25	0		19.29			
10	64QAM	25	12		19.33		20.9	0
10	64QAM	25	25		19.35			
10	64QAM	50	0		19.37			
10	256QAM	1	0		18.80			
10	256QAM	1	25		18.80		19	1.9
10	256QAM	1	49		18.59			
10	256QAM	25	0		18.70			
10	256QAM	25	12		18.50		19	1.9
10	256QAM	25	25		18.45			
10	256QAM	50	0		18.69			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	19.37	19.33	19.20	20.9	0
5	QPSK	1	12	19.30	19.12	19.05		
5	QPSK	1	24	19.16	19.19	18.94		
5	QPSK	12	0	19.11	19.27	19.24		
5	QPSK	12	7	19.26	19.04	19.25	20.9	0
5	QPSK	12	13	19.08	19.02	19.24		
5	QPSK	25	0	19.02	19.22	19.06		
5	16QAM	1	0	19.08	19.14	18.98		
5	16QAM	1	12	19.19	19.06	19.02	20.9	0
5	16QAM	1	24	19.43	19.48	19.40		
5	16QAM	12	0	19.30	19.36	19.32		
5	16QAM	12	7	19.17	19.23	19.08	20.9	0
5	16QAM	12	13	19.16	19.14	19.11		
5	16QAM	25	0	19.27	19.48	19.31		
5	64QAM	1	0	19.57	19.47	19.30		
5	64QAM	1	12	19.30	19.30	19.37	20.9	0
5	64QAM	1	24	19.29	19.29	19.35		
5	64QAM	12	0	19.49	19.56	19.32		
5	64QAM	12	7	19.47	19.52	19.54	20.9	0
5	64QAM	12	13	19.23	19.43	19.33		
5	64QAM	25	0	19.11	19.09	19.10

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	21.03	21.12	20.97	22	0
20	QPSK	1	49	20.91	21.03	20.86		
20	QPSK	1	99	20.86	20.90	20.79		
20	QPSK	50	0	20.87	21.07	20.96	22	0
20	QPSK	50	24	20.80	20.88	20.84		
20	QPSK	50	50	20.80	20.87	20.88		
20	QPSK	100	0	20.84	20.95	20.82		
20	16QAM	1	0	20.90	20.92	20.87	22	0
20	16QAM	1	49	20.74	20.86	20.80		
20	16QAM	1	99	20.78	20.82	20.73		
20	16QAM	50	0	20.71	20.87	20.79	22	0
20	16QAM	50	24	20.64	20.68	20.65		
20	16QAM	50	50	20.63	20.69	20.59		
20	16QAM	100	0	20.83	20.94	20.82		
20	64QAM	1	0	20.81	20.92	20.74	22	0
20	64QAM	1	49	20.75	20.80	20.77		
20	64QAM	1	99	20.65	20.69	20.68		
20	64QAM	50	0	20.61	20.79	20.69	22	0
20	64QAM	50	24	20.59	20.70	20.54		
20	64QAM	50	50	20.56	20.60	20.49		
20	64QAM	100	0	20.74	20.83	20.82		
20	256QAM	1	0	17.89	18.10	18.00	19	3
20	256QAM	1	49	17.93	18.10	17.95		
20	256QAM	1	99	17.79	17.90	17.85		
20	256QAM	50	0	17.60	17.75	17.63	19	3
20	256QAM	50	24	17.60	17.58	17.52		
20	256QAM	50	50	17.47	17.58	17.47		
20	256QAM	100	0	17.78	17.92	17.80		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	20.92	21.07	20.92	22	0
15	QPSK	1	37	20.78	20.96	20.79		
15	QPSK	1	74	20.77	20.75	20.71		
15	QPSK	36	0	20.78	21.01	20.83	22	0
15	QPSK	36	20	20.75	20.78	20.76		
15	QPSK	36	39	20.67	20.83	20.79		
15	QPSK	75	0	20.74	20.92	20.77		
15	16QAM	1	0	20.81	20.83	20.75	22	0
15	16QAM	1	37	20.63	20.83	20.77		
15	16QAM	1	74	20.66	20.68	20.65		
15	16QAM	36	0	20.59	20.74	20.64	22	0
15	16QAM	36	20	20.54	20.54	20.51		
15	16QAM	36	39	20.59	20.64	20.51		
15	16QAM	75	0	20.75	20.88	20.70		
15	64QAM	1	0	20.71	20.80	20.69	22	0
15	64QAM	1	37	20.61	20.68	20.66		
15	64QAM	1	74	20.54	20.58	20.55		
15	64QAM	36	0	20.56	20.70	20.62	22	0
15	64QAM	36	20	20.53	20.62	20.40		
15	64QAM	36	39	20.48	20.52	20.38		
15	64QAM	75	0	20.67	20.69	20.68		
15	256QAM	1	0	17.76	17.98	17.91	19	3
15	256QAM	1	37	17.78	18.02	17.83		
15	256QAM	1	74	17.65	17.85	17.81		
15	256QAM	36	0	17.46	17.70	17.50	19	3
15	256QAM	36	20	17.47	17.53	17.41		
15	256QAM	36	39	17.37	17.50	17.33		
15	256QAM	75	0	17.64	17.81	17.74		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	20.94	21.01	20.86	22	0
10	QPSK	1	25	20.83	20.89	20.71		
10	QPSK	1	49	20.82	20.78	20.72		
10	QPSK	25	0	20.76	20.97	20.88	22	0
10	QPSK	25	12	20.68	20.78	20.79		
10	QPSK	25	25	20.76	20.81	20.74		
10	QPSK	50	0	20.74	20.81	20.68		
10	16QAM	1	0	20.81	20.83	20.74	22	0
10	16QAM	1	25	20.66	20.75	20.74		
10	16QAM	1	49	20.73	20.76	20.64		
10	16QAM	25	0	20.58	20.81	20.65	22	0
10	16QAM	25	12	20.54	20.58	20.60		
10	16QAM	25	25	20.56	20.65	20.49		
10	16QAM	50	0	20.80	20.82	20.68		
10	64QAM	1	0	20.72	20.86	20.71	22	0
10	64QAM	1	25	20.61	20.74	20.64		
10	64QAM	1	49	20.51	20.55	20.58		
10	64QAM	25	0	20.47	20.71	20.57	22	0
10	64QAM	25	12	20.48	20.64	20.43		
10	64QAM	25	25	20.47	20.46	20.45		
10	64QAM	50	0	20.67	20.79	20.75	19	3
10	256QAM	1	0	18.01	17.97	17.92		
10	256QAM	1	25	17.86	17.95	17.87		
10	256QAM	1	49	17.65	17.76	17.79	19	3
10	256QAM	25	0	17.53	17.63	17.59		
10	256QAM	25	12	17.57	17.52	17.45		
10	256QAM	25	25	17.36	17.46	17.43		
10	256QAM	50	0	17.65	17.85	17.76		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	20.91	20.98	20.86	22	0
5	QPSK	1	12	20.85	20.92	20.79		
5	QPSK	1	24	20.80	20.82	20.68		
5	QPSK	12	0	20.75	20.94	20.92	22	0
5	QPSK	12	7	20.76	20.79	20.71		
5	QPSK	12	13	20.67	20.80	20.79		
5	QPSK	25	0	20.73	20.91	20.67		
5	16QAM	1	0	20.81	20.80	20.76	22	0
5	16QAM	1	12	20.64	20.73	20.75		
5	16QAM	1	24	20.76	20.73	20.60		
5	16QAM	12	0	20.67	20.72	20.64	22	0
5	16QAM	12	7	20.58	20.57	20.60		
5	16QAM	12	13	20.50	20.55	20.54		
5	16QAM	25	0	20.76	20.88	20.69		
5	64QAM	1	0	20.70	20.83	20.66	22	0
5	64QAM	1	12	20.65	20.77	20.64		
5	64QAM	1	24	20.62	20.54	20.61		
5	64QAM	12	0	20.53	20.67	20.60	22	0
5	64QAM	12	7	20.46	20.58	20.49		
5	64QAM	12	13	20.50	20.53	20.39		
5	64QAM	25	0	20.70	20.77	20.70		
5	256QAM	1	0	17.82	18.02	17.93	19	3
5	256QAM	1	12	17.80	17.98	17.82		
5	256QAM	1	24	17.70	17.76	17.71		
5	256QAM	12	0	17.55	17.63	17.49	19	3
5	256QAM	12	7	17.54	17.50	17.47		
5	256QAM	12	13	17.39	17.51	17.44		
5	256QAM	25	0	17.64	17.78	17.75		
Channel				131967	132322	132677	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	20.91	21.06	20.92	22	0
3	QPSK	1	8	20.85	20.96	20.74		
3	QPSK	1	14	20.75	20.86	20.66		
3	QPSK	8	0	20.73	20.93	20.86	22	0
3	QPSK	8	4	20.74	20.80	20.80		
3	QPSK	8	7	20.69	20.82	20.85		
3	QPSK	15	0	20.79	20.84	20.78		
3	16QAM	1	0	20.87	20.82	20.80	22	0
3	16QAM	1	8	20.63	20.77	20.73		
3	16QAM	1	14	20.70	20.68	20.67		
3	16QAM	8	0	20.60	20.83	20.74	22	0
3	16QAM	8	4	20.55	20.53	20.58		
3	16QAM	8	7	20.55	20.61	20.55		
3	16QAM	15	0	20.77	20.84	20.71		
3	64QAM	1	0	20.69	20.82	20.64	22	0
3	64QAM	1	8	20.64	20.72	20.64		
3	64QAM	1	14	20.51	20.57	20.59		
3	64QAM	8	0	20.48	20.68	20.59	22	0
3	64QAM	8	4	20.45	20.61	20.46		
3	64QAM	8	7	20.49	20.53	20.43		
3	64QAM	15	0	20.71	20.71	20.70		
3	256QAM	1	0	17.84	18.06	17.89	19	3
3	256QAM	1	8	17.83	18.04	17.81		
3	256QAM	1	14	17.74	17.86	17.78		
3	256QAM	8	0	17.56	17.67	17.51	19	3
3	256QAM	8	4	17.45	17.47	17.48		
3	256QAM	8	7	17.36	17.55	17.37		
3	256QAM	15	0	17.69	17.82	17.77		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	20.93	21.03	20.94	22	0
1.4	QPSK	1	3	20.80	20.97	20.80		
1.4	QPSK	1	5	20.81	20.76	20.67		
1.4	QPSK	3	0	20.75	20.95	20.84		
1.4	QPSK	3	1	20.69	20.79	20.72		
1.4	QPSK	3	3	20.69	20.84	20.81		
1.4	QPSK	6	0	20.80	20.84	20.68	22	0
1.4	16QAM	1	0	20.83	20.86	20.74	22	0
1.4	16QAM	1	3	20.63	20.72	20.67		
1.4	16QAM	1	5	20.70	20.79	20.59		
1.4	16QAM	3	0	20.62	20.81	20.65		
1.4	16QAM	3	1	20.55	20.56	20.52		
1.4	16QAM	3	3	20.54	20.64	20.47		
1.4	16QAM	6	0	20.71	20.88	20.70	21.5	0.5
1.4	64QAM	1	0	20.74	20.77	20.60	21.5	0.5
1.4	64QAM	1	3	20.61	20.68	20.73		
1.4	64QAM	1	5	20.51	20.61	20.59		
1.4	64QAM	3	0	20.57	20.66	20.59		
1.4	64QAM	3	1	20.45	20.62	20.46		
1.4	64QAM	3	3	20.46	20.48	20.36		
1.4	64QAM	6	0	20.60	20.76	20.73	20.5	1.5
1.4	256QAM	1	0	17.81	18.02	17.97	18.5	3.5
1.4	256QAM	1	3	17.80	18.02	17.81		
1.4	256QAM	1	5	17.66	17.75	17.80		
1.4	256QAM	3	0	17.56	17.66	17.53		
1.4	256QAM	3	1	17.51	17.45	17.38		
1.4	256QAM	3	3	17.34	17.48	17.38		
1.4	256QAM	6	0	17.66	17.83	17.68	18.5	3.5

Band 71 Default Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				133222	133322	133372		
Frequency (MHz)				673	683	688		
20	QPSK	1	0	21.76	21.85	21.69	23	0
20	QPSK	1	49	21.62	21.74	21.59		
20	QPSK	1	99	21.53	21.65	21.55		
20	QPSK	50	0	21.65	21.79	21.60	23	0
20	QPSK	50	24	21.61	21.64	21.62		
20	QPSK	50	50	21.54	21.61	21.61		
20	QPSK	100	0	21.50	21.72	21.57		
20	16QAM	1	0	21.58	21.77	21.57	23	0
20	16QAM	1	49	21.55	21.59	21.61		
20	16QAM	1	99	21.49	21.58	21.56		
20	16QAM	50	0	21.45	21.64	21.47	22.5	0.5
20	16QAM	50	24	21.46	21.49	21.49		
20	16QAM	50	50	21.40	21.44	21.38		
20	16QAM	100	0	21.38	21.48	21.29		
20	64QAM	1	0	21.32	21.53	21.38	22.5	0.5
20	64QAM	1	49	21.35	21.44	21.39		
20	64QAM	1	99	21.30	21.33	21.35		
20	64QAM	50	0	20.29	20.50	20.33	21.5	1.5
20	64QAM	50	24	20.35	20.36	20.33		
20	64QAM	50	50	20.29	20.32	20.30		
20	64QAM	100	0	20.22	20.31	20.25		
20	256QAM	1	0	17.67	17.89	17.81	19	4
20	256QAM	1	49	17.72	17.89	17.67		
20	256QAM	1	99	17.59	17.65	17.64		
20	256QAM	50	0	18.43	18.62	18.53	19	4
20	256QAM	50	24	18.37	18.52	18.42		
20	256QAM	50	50	18.30	18.39	18.37		
20	256QAM	100	0	18.32	18.49	18.34		
Channel				133197	133297	133397	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	0	21.70	21.78	21.54	23	0
15	QPSK	1	37	21.52	21.64	21.53		
15	QPSK	1	74	21.43	21.61	21.51		
15	QPSK	36	0	21.57	21.70	21.56	23	0
15	QPSK	36	20	21.55	21.59	21.49		
15	QPSK	36	39	21.50	21.47	21.55		
15	QPSK	75	0	21.40	21.59	21.53		
15	16QAM	1	0	21.47	21.64	21.43	23	0
15	16QAM	1	37	21.42	21.45	21.50		
15	16QAM	1	74	21.35	21.55	21.45		
15	16QAM	36	0	21.37	21.51	21.36	22.5	0.5
15	16QAM	36	20	21.38	21.39	21.35		
15	16QAM	36	39	21.31	21.30	21.32		
15	16QAM	75	0	21.34	21.41	21.20		
15	64QAM	1	0	21.23	21.38	21.34	22.5	0.5
15	64QAM	1	37	21.30	21.30	21.26		
15	64QAM	1	74	21.25	21.20	21.29		
15	64QAM	36	0	20.15	20.39	20.23	21.5	1.5
15	64QAM	36	20	20.23	20.22	20.23		
15	64QAM	36	39	20.23	20.26	20.22		
15	64QAM	75	0	20.16	20.20	20.17		
15	256QAM	1	0	17.61	17.84	17.75	19	4
15	256QAM	1	37	17.58	17.83	17.64		
15	256QAM	1	74	17.46	17.56	17.52		
15	256QAM	36	0	18.31	18.50	18.38	19	4
15	256QAM	36	20	18.29	18.47	18.30		
15	256QAM	36	39	18.23	18.41	18.26		
15	256QAM	75	0	18.27	18.39	18.25		
Channel				133172	133272	133422	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	678	693		
10	QPSK	1	0	21.66	21.75	21.62	23	0
10	QPSK	1	25	21.50	21.60	21.51		
10	QPSK	1	49	21.41	21.53	21.51		
10	QPSK	25	0	21.51	21.66	21.57	23	0
10	QPSK	25	12	21.52	21.54	21.48		
10	QPSK	25	25	21.49	21.47	21.52		
10	QPSK	50	0	21.46	21.62	21.45		
10	16QAM	1	0	21.54	21.63	21.51	23	0
10	16QAM	1	25	21.46	21.46	21.55		
10	16QAM	1	49	21.40	21.53	21.47		
10	16QAM	25	0	21.34	21.55	21.37	22.5	0.5
10	16QAM	25	12	21.36	21.46	21.45		
10	16QAM	25	25	21.36	21.33	21.26		
10	16QAM	50	0	21.31	21.42	21.17		
10	64QAM	1	0	21.24	21.43	21.24	22.5	0.5
10	64QAM	1	25	21.25	21.29	21.34		
10	64QAM	1	49	21.19	21.21	21.27		
10	64QAM	25	0	20.18	20.42	20.24	21.5	1.5
10	64QAM	25	12	20.22	20.25	20.27		
10	64QAM	25	25	20.17	20.25	20.25		
10	64QAM	50	0	20.11	20.22	20.22		
10	256QAM	1	0	17.61	17.81	17.75	19	4
10	256QAM	1	25	17.69	17.79	17.59		
10	256QAM	1	49	17.50	17.57	17.51		
10	256QAM	25	0	18.32	18.55	18.46	19	4
10	256QAM	25	12	18.26	18.41	18.36		
10	256QAM	25	25	18.24	18.30	18.24		
10	256QAM	50	0	18.19	18.40	18.22		
Channel				133147	133247	133447	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	675.5	695.5		
5	QPSK	1	0	21.72	21.72	21.62	23	0
5	QPSK	1	12	21.54	21.66	21.54		
5	QPSK	1	24	21.44	21.53	21.48		
5	QPSK	12	0	21.59	21.65	21.57	23	0
5	QPSK	12	7	21.48	21.50	21.57		
5	QPSK	12	13	21.43	21.57	21.47		
5	QPSK	25	0	21.39	21.68	21.53		
5	16QAM	1	0	21.43	21.65	21.47	23	0
5	16QAM	1	12	21.47	21.44	21.51		
5	16QAM	1	24	21.49	21.50	21.52		
5	16QAM	12	0	21.36	21.52	21.40	22.5	0.5
5	16QAM	12	7	21.35	21.35	21.37		
5	16QAM	12	13	21.35	21.40	21.33		
5	16QAM	25	0	21.32	21.43	21.18		
5	64QAM	1	0	21.19	21.44	21.29	22.5	0.5
5	64QAM	1	12	21.26	21.35	21.31		
5	64QAM	1	24	21.16	21.18	21.28		
5	64QAM	12	0	20.16	20.41	20.18	21.5	1.5
5	64QAM	12	7	20.29	20.30	20.28		
5	64QAM	12	13	20.22	20.17	20.19		
5	64QAM	25	0	20.10	20.25	20.12		
5	256QAM	1	0	17.58	17.80	17.72	19	4
5	256QAM	1	12	17.65	17.79	17.53		
5	256QAM	1	24	17.45	17.60	17.52		
5	256QAM	12	0	18.34	18.50	18.42	19	4
5	256QAM	12	7	18.31	18.46	18.38		
5	256QAM	12	13	18.21	18.29	18.23		
5	256QAM	25	0	18.22	18.46	18.29		

Band38 DSI5_Simultaneous Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	20.57	20.73	20.69	21.9	0
20	QPSK	1	49	20.54	20.54	20.60		
20	QPSK	1	99	20.38	20.55	20.43		
20	QPSK	50	0	20.43	20.68	20.53		
20	QPSK	50	24	20.32	20.51	20.50		
20	QPSK	50	50	20.34	20.47	20.37		
20	QPSK	100	0	20.32	20.56	20.52		
20	16QAM	1	0	20.62	20.66	20.65		
20	16QAM	1	49	20.49	20.39	20.45	21.9	0
20	16QAM	1	99	20.32	20.38	20.38		
20	16QAM	50	0	20.18	20.27	20.24		
20	16QAM	50	24	19.98	20.13	20.05	21.9	0
20	16QAM	50	50	20.12	20.00	20.06		
20	16QAM	100	0	20.01	20.32	20.11		
20	64QAM	1	0	20.35	20.71	20.67		
20	64QAM	1	49	20.41	20.39	20.31	21.9	0
20	64QAM	1	99	20.29	20.28	20.31		
20	64QAM	50	0	20.47	20.64	20.39		
20	64QAM	50	24	20.36	20.59	20.42	21.9	0
20	64QAM	50	50	20.27	20.54	20.51		
20	64QAM	100	0	20.54	20.55	20.61		
20	256QAM	1	0	18.83	19.00	18.85		
20	256QAM	1	49	18.79	19.00	18.76	20.5	1.4
20	256QAM	1	99	18.76	18.77	18.78		
20	256QAM	50	0	18.95	19.16	18.97		
20	256QAM	50	24	18.97	19.06	18.96	20.5	1.4
20	256QAM	50	50	18.89	18.95	18.94		
20	256QAM	100	0	19.00	19.15	18.96		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	20.51	20.68	20.62	21.9	0
15	QPSK	1	37	20.48	20.50	20.55		
15	QPSK	1	74	20.34	20.51	20.34		
15	QPSK	36	0	20.36	20.61	20.47		
15	QPSK	36	20	20.22	20.49	20.47	21.9	0
15	QPSK	36	39	20.29	20.42	20.28		
15	QPSK	75	0	20.23	20.48	20.46		
15	16QAM	1	0	20.57	20.59	20.59		
15	16QAM	1	37	20.44	20.31	20.37	21.9	0
15	16QAM	1	74	20.27	20.34	20.36		
15	16QAM	36	0	20.09	20.20	20.21		
15	16QAM	36	20	19.91	20.07	19.96	21.9	0
15	16QAM	36	39	20.03	19.94	19.97		
15	16QAM	75	0	19.92	20.23	20.03		
15	64QAM	1	0	20.31	20.62	20.59		
15	64QAM	1	37	20.35	20.31	20.21	21.9	0
15	64QAM	1	74	20.22	20.22	20.25		
15	64QAM	36	0	20.38	20.58	20.31		
15	64QAM	36	20	20.29	20.56	20.36	21.9	0
15	64QAM	36	39	20.24	20.50	20.44		
15	64QAM	75	0	20.48	20.46	20.54		
15	256QAM	1	0	18.77	18.90	18.81		
15	256QAM	1	37	18.70	18.91	18.72	20.5	1.4
15	256QAM	1	74	18.67	18.74	18.74		
15	256QAM	36	0	18.86	19.11	18.92		
15	256QAM	36	20	18.93	18.94	18.86	20.5	1.4
15	256QAM	36	39	18.85	18.88	18.84		
15	256QAM	75	0	18.89	19.10	18.89		
Channel				37600	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	20.52	20.64	20.63	21.9	0
10	QPSK	1	25	20.50	20.51	20.57		
10	QPSK	1	49	20.34	20.46	20.39		
10	QPSK	25	0	20.34	20.61	20.47		
10	QPSK	25	12	20.30	20.42	20.41	21.9	0
10	QPSK	25	25	20.27	20.41	20.34		
10	QPSK	50	0	20.23	20.48	20.50		
10	16QAM	1	0	20.53	20.63	20.57		
10	16QAM	1	25	20.43	20.34	20.42	21.9	0
10	16QAM	1	49	20.29	20.29	20.35		
10	16QAM	25	0	20.16	20.17	20.19		
10	16QAM	25	12	19.91	20.04	19.99	21.9	0
10	16QAM	25	25	20.04	19.91	20.03		
10	16QAM	50	0	19.95	20.25	20.07		
10	64QAM	1	0	20.32	20.64	20.58		
10	64QAM	1	25	20.32	20.32	20.27	21.9	0
10	64QAM	1	49	20.20	20.26	20.23		
10	64QAM	25	0	20.39	20.61	20.33		
10	64QAM	25	12	20.30	20.52	20.35	21.9	0
10	64QAM	25	25	20.21	20.49	20.47		
10	64QAM	50	0	20.49	20.51	20.53		
10	256QAM	1	0	18.76	18.92	18.70		
10	256QAM	1	25	18.64	18.91	18.72	20.5	1.4
10	256QAM	1	49	18.62	18.73	18.68		
10	256QAM	25	0	18.83	19.11	18.88		
10	256QAM	25	12	18.90	19.03	18.92	20.5	1.4
10	256QAM	25	25	18.77	18.84	18.87		
10	256QAM	50	0	18.91	19.04	18.86		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	20.49	20.65	20.64	21.9	0
5	QPSK	1	12	20.45	20.45	20.57		
5	QPSK	1	24	20.32	20.49	20.36		
5	QPSK	12	0	20.41	20.61	20.45		
5	QPSK	12	7	20.24	20.46	20.42	21.9	0
5	QPSK	12	13	20.24	20.43	20.31		
5	QPSK	25	0	20.24	20.46	20.44		
5	16QAM	1	0	20.56	20.59	20.58		
5	16QAM	1	12	20.44	20.37	20.39	21.9	0
5	16QAM	1	24	20.23	20.32	20.31		
5	16QAM	12	0	20.13	20.21	20.18		
5	16QAM	12	7	19.93	20.05	19.97	21.9	0
5	16QAM	12	13	20.06	19.93	20.01		
5	16QAM	25	0	19.98	20.27	20.08		
5	64QAM	1	0	20.32	20.66	20.58		
5	64QAM	1	12	20.32	20.31	20.22	21.9	0
5	64QAM	1	24	20.23	20.19	20.26		
5	64QAM	12	0	20.40	20.55	20.30		
5	64QAM	12	7	20.29	20.49	20.39	21.9	0
5	64QAM	12	13	20.25	20.46	20.49		
5	64QAM	25	0	20.49	20.49	20.55		
5	256QAM	1	0	18.73	18.88	18.71		
5	256QAM	1	12	18.72	18.87	18.66	20.5	1.4
5	256QAM	1	24	18.64	18.73	18.70		
5	256QAM	12	0	18.87	19.09	18.90		
5	256QAM	12	7	18.82	19.01	18.84	20.5	1.4
5	256QAM	12	13	18.85	18.88	18.90		
5	256QAM	25	0	18.95	19.08	18.91		

Band 41 FCC&IC DSI5_Simultaneous Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	20.78	20.74	20.82	20.77	20.70	21.9	0
20	QPSK	1	49	20.68	20.60	20.76	20.70	20.59		
20	QPSK	1	99	20.64	20.62	20.69	20.66	20.56		
20	QPSK	50	0	20.58	20.66	20.69	20.65	20.67		
20	QPSK	50	24	20.52	20.64	20.62	20.64	20.57		
20	QPSK	50	50	20.36	20.57	20.63	20.51	20.41		
20	QPSK	100	0	20.49	20.51	20.60	20.59	20.40		
20	16QAM	1	0	20.59	20.55	20.58	20.60	20.45		
20	16QAM	1	49	20.56	20.60	20.53	20.45	20.56	21.9	0
20	16QAM	1	99	20.37	20.42	20.50	20.37	20.30		
20	16QAM	50	0	20.69	20.81	20.61	20.76	20.76		
20	16QAM	50	24	20.63	20.80	20.67	20.75	20.58	21.9	0
20	16QAM	50	50	20.67	20.60	20.57	20.51	20.48		
20	16QAM	100	0	20.57	20.81	20.73	20.54	20.54		
20	64QAM	1	0	20.77	20.62	20.63	20.79	20.58		
20	64QAM	1	49	20.63	20.80	20.54	20.77	20.68	21.9	0
20	64QAM	1	99	20.60	20.74	20.52	20.58	20.60		
20	64QAM	50	0	20.56	20.56	20.64	20.53	20.60		
20	64QAM	50	24	20.66	20.78	20.56	20.81	20.61	21	0.9
20	64QAM	50	50	20.70	20.68	20.55	20.74	20.79		
20	64QAM	100	0	20.58	20.57	20.60	20.65	20.79		
20	256QAM	1	0	18.82	18.69	18.90	18.70	18.85		
20	256QAM	1	49	18.84	18.67	18.90	18.75	18.76	19	2.9
20	256QAM	1	99	18.63	18.63	18.73	18.71	18.58		
20	256QAM	50	0	18.96	18.87	18.88	18.90	18.94		
20	256QAM	50	24	18.81	18.79	18.84	18.82	18.82	19	2.9
20	256QAM	50	50	18.71	18.73	18.81	18.83	18.79		
20	256QAM	100	0	18.97	18.95	18.81	18.91	18.93		
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	20.62	20.57	20.69	20.60	20.52	22	0
15	QPSK	1	37	20.44	20.43	20.51	20.46	20.36		
15	QPSK	1	74	20.48	20.49	20.54	20.47	20.38		
15	QPSK	36	0	20.55	20.51	20.62	20.61	20.57		
15	QPSK	36	20	20.38	20.50	20.55	20.55	20.49	21.9	0
15	QPSK	36	39	20.30	20.53	20.59	20.40	20.29		
15	QPSK	75	0	20.46	20.46	20.55	20.48	20.26		
15	16QAM	1	0	20.54	20.49	20.52	20.46	20.34		
15	16QAM	1	37	20.44	20.55	20.49	20.32	20.44	21.9	0
15	16QAM	1	74	20.31	20.36	20.45	20.24	20.17		
15	16QAM	36	0	20.74	20.63	20.74	20.62	20.79		
15	16QAM	36	20	20.75	20.60	20.55	20.79	20.71	21.9	0
15	16QAM	36	39	20.40	20.52	20.57	20.59	20.47		
15	16QAM	75	0	20.60	20.61	20.54	20.81	20.73		
15	64QAM	1	0	20.57	20.75	20.58	20.81	20.77		
15	64QAM	1	37	20.65	20.67	20.70	20.69	20.51	21.9	0
15	64QAM	1	74	20.54	20.79	20.73	20.62	20.61		
15	64QAM	36	0	20.80	20.58	20.63	20.66	20.75		
15	64QAM	36	20	20.65	20.76	20.71	20.70	20.59	21	0.9
15	64QAM	36	39	20.61	20.61	20.76	20.64	20.66		
15	64QAM	75	0	20.76	20.78	20.58	20.77	20.65		
15	256QAM	1	0	18.69	18.64	18.84	18.56	18.80		
15	256QAM	1	37	18.71	18.63	18.85	18.62	18.65	19	2.9
15	256QAM	1	74	18.54	18.51	18.62	18.67	18.55		
15	256QAM	36	0	18.84	18.74	18.98	18.81	18.90		
15	256QAM	36	20	18.74	18.71	18.81	18.67	18.73	19	2.9
15	256QAM	36	39	18.68	18.65	18.73	18.72	18.75		
15	256QAM	75	0	18.90	18.82	18.81	18.81	18.83		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	20.53	20.57	20.61	20.49	20.54	22	0
10	QPSK	1	25	20.51	20.47	20.59	20.56	20.38		
10	QPSK	1	49	20.47	20.40	20.50	20.45	20.36		
10	QPSK	25	0	20.51	20.51	20.60	20.51	20.57		
10	QPSK	25	12	20.37	20.49	20.51	20.57	20.54	21.9	0
10	QPSK	25	25	20.26	20.48	20.53	20.40	20.29		
10	QPSK	50	0	20.41	20.45	20.48	20.55	20.32		
10	16QAM	1	0	20.49	20.50	20.52	20.51	20.38		
10	16QAM	1	25	20.44	20.52	20.42	20.31	20.45	21.9	0
10	16QAM	1	49	20.30	20.35	20.46	20.25	20.18		
10	16QAM	25	0	20.68	20.71	20.79	20.66	20.75		
10	16QAM	25	12	20.73	20.77	20.65	20.50	20.63	21.9	0
10	16QAM	25	25	20.58	20.49	20.77	20.54	20.41		
10	16QAM	50	0	20.75	20.59	20.60	20.56	20.57		
10	64QAM	1	0	20.73	20.79	20.60	20.72	20.55		
10	64QAM	1	25	20.69	20.54	20.80	20.55	20.76	21.9	0
10	64QAM	1	49	20.65	20.55	20.75	20.75	20.63		
10	64QAM	25	0	20.76	20.75	20.66	20.75	20.79		
10	64QAM	25	12	20.62	20.76	20.72	20.66	20.50	21	0.9
10	64QAM	25	25	20.59	20.62	20.53	20.65	20.66		
10	64QAM	50	0	20.59	20.72	20.57	20.77	20.67		
10	256QAM	1	0	18.78	18.55	18.86	18.56	18.80		
10	256QAM	1	25	18.76	18.60	18.84	18.69	18.73	19	2.9
10	256QAM	1	49	18.55	18.49	18.70	18.66	18.50		
10	256QAM	25	0	18.82	18.72	18.98	18.79	18.80		
10	256QAM	25	12	18.69	18.68	18.80	18.79	18.75	19	2.9
10	256QAM	25	25	18.60	18.60	18.71	18.71	18.69		
10	256QAM	50	0	18.87	18.85	18.81	18.84	18.80		
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	20.56	20.61	20.66	20.62	20.55	22	0
5	QPSK	1	12	20.47	20.38	20.58	20.45	20.35		
5	QPSK	1	24	20.50	20.39	20.44	20.46	20.33		
5	QPSK	12	0	20.51	20.57	20.57	20.55	20.60		
5	QPSK	12	7	20.47	20.55	20.55	20.58	20.47	21.9	0
5	QPSK	12	13	20.30	20.51	20.58	20.45	20.33		
5	QPSK	25	0	20.41	20.37	20.56	20.49	20.36		
5	16QAM	1	0	20.52	20.52	20.52	20.46	20.34		
5	16QAM	1	12	20.44	20.46	20.40	20.33	20.51	21.9	0
5	16QAM	1	24	20.23	20.29	20.35	20.28	20.27		
5	16QAM	12	0	20.67	20.57	20.63	20.56	20.68		
5	16QAM	12	7	20.60	20.66	20.58	20.57	20.58	21.9	0
5	16QAM	12	13	20.54	20.60	20.66	20.46	20.59		
5	16QAM	25	0	20.75	20.56	20.78	20.61	20.54		
5	64QAM	1	0	20.52	20.69	20.54	20.79	20.78		
5	64QAM	1	12	20.77	20.67	20.79	20.72	20.52	21.9	0
5	64QAM	1	24	20.54	20.71	20.68	20.73	20.69		
5	64QAM	12	0	20.56	20.70	20.63	20.64	20.77		
5	64QAM	12	7	20.62	20.62	20.76	20.65	20.59	21	0.9
5	64QAM	12	13	20.55	20.69	20.75	20.59	20.69		
5	64QAM	25	0	20.58	20.52	20.75	20.57	20.71		
5	256QAM	1	0	18.75	18.60	18.79	18.57	18.70		
5	256QAM	1	12	18.70	18.56	18.79	18.63	18.65	19	2.9
5	256QAM	1	24	18.56	18.57	18.68	18.67	18.49		
5	256QAM	12	0	18.84	18.73	18.88	18.77	18.86		
5	256QAM	12	7	18.70	18.65	18.81	18.71	18.78	19	2.9
5	256QAM	12	13	18.57	18.69	18.73	18.72	18.64		
5	256QAM	25	0	18.87	18.87	18.81	18.82	18.83		

Band 41 HPUE FCC&IC DSI5_Simultaneous Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	22.63	22.68	22.70	22.66	22.57	23.5	0
20	QPSK	1	49	22.60	22.53	22.68	22.57	22.45		
20	QPSK	1	99	22.56	22.55	22.58	22.50	22.46		
20	QPSK	50	0	22.53	22.55	22.63	22.52	22.51	23.5	0
20	QPSK	50	24	22.48	22.46	22.60	22.44	22.37		
20	QPSK	50	50	22.52	22.51	22.48	22.40	22.39		
20	QPSK	100	0	22.49	22.53	22.58	22.54	22.48		
20	16QAM	1	0	22.46	22.41	22.62	22.46	22.31	23.5	0
20	16QAM	1	49	22.50	22.42	22.54	22.38	22.39		
20	16QAM	1	99	22.52	22.41	22.52	22.36	22.33		
20	16QAM	50	0	22.34	22.48	22.53	22.30	22.40	23.5	0
20	16QAM	50	24	22.29	22.44	22.44	22.43	22.39		
20	16QAM	50	50	22.35	22.42	22.54	22.41	22.46		
20	16QAM	100	0	22.46	22.44	22.44	22.38	22.41		
20	64QAM	1	0	22.43	22.31	22.42	22.48	22.20	23.5	0
20	64QAM	1	49	22.28	22.36	22.44	22.23	22.29		
20	64QAM	1	99	22.43	22.38	22.33	22.30	22.31		
20	64QAM	50	0	22.25	22.27	22.44	22.33	22.43	23.5	0
20	64QAM	50	24	22.17	22.21	22.36	22.14	22.34		
20	64QAM	50	50	22.34	22.14	22.36	22.30	22.36		
20	64QAM	100	0	22.04	22.19	22.37	22.27	22.21		
20	256QAM	1	0	21.51	21.49	21.68	21.44	21.58	23	0.5
20	256QAM	1	49	21.43	21.41	21.61	21.42	21.52		
20	256QAM	1	99	21.30	21.36	21.55	21.41	21.51		
20	256QAM	50	0	21.37	21.38	21.52	21.34	21.45	23	0.5
20	256QAM	50	24	21.27	21.23	21.46	21.24	21.39		
20	256QAM	50	50	21.23	21.26	21.41	21.20	21.35		
20	256QAM	100	0	21.10	21.12	21.34	21.15	21.24		
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	22.53	22.53	22.59	22.58	22.45	23.50	0
15	QPSK	1	37	22.55	22.39	22.55	22.51	22.32		
15	QPSK	1	74	22.48	22.47	22.51	22.41	22.32		
15	QPSK	36	0	22.43	22.43	22.50	22.41	22.47	23.5	0
15	QPSK	36	20	22.40	22.40	22.51	22.33	22.25		
15	QPSK	36	39	22.44	22.41	22.36	22.31	22.29		
15	QPSK	75	0	22.42	22.48	22.50	22.48	22.36		
15	16QAM	1	0	22.39	22.33	22.57	22.42	22.19	23.5	0
15	16QAM	1	37	22.42	22.30	22.47	22.33	22.32		
15	16QAM	1	74	22.42	22.37	22.44	22.24	22.30		
15	16QAM	36	0	22.42	22.41	22.29	22.28	22.29	23.5	0
15	16QAM	36	20	22.30	22.44	22.20	22.19	22.10		
15	16QAM	36	39	22.26	22.25	22.19	22.29	22.22		
15	16QAM	75	0	22.23	22.54	22.60	22.51	22.28		
15	64QAM	1	0	22.18	22.15	22.40	22.35	22.09	23.5	0
15	64QAM	1	37	22.35	22.21	22.40	22.25	22.21		
15	64QAM	1	74	22.40	22.28	22.38	22.23	22.19		
15	64QAM	36	0	22.12	22.09	22.28	22.20	22.17	23.5	0
15	64QAM	36	20	22.04	22.28	22.35	22.12	22.16		
15	64QAM	36	39	22.07	22.08	22.30	22.10	22.39		
15	64QAM	75	0	22.00	22.05	22.19	22.07	22.02		
15	256QAM	1	0	21.44	21.44	21.54	21.33	21.45	23	0.5
15	256QAM	1	37	21.29	21.29	21.56	21.28	21.46		
15	256QAM	1	74	21.25	21.29	21.52	21.31	21.41		
15	256QAM	36	0	21.28	21.27	21.39	21.26	21.30	23	0.5
15	256QAM	36	20	21.12	21.14	21.34	21.18	21.27		
15	256QAM	36	39	21.14	21.22	21.37	21.12	21.30		
15	256QAM	75	0	21.06	21.19	21.21	21.00	21.10		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.51	22.56	22.63	22.59	22.52	23.50	0
10	QPSK	1	25	22.53	22.42	22.59	22.51	22.37		
10	QPSK	1	49	22.50	22.47	22.46	22.35	22.35		
10	QPSK	25	0	22.50	22.49	22.57	22.38	22.42	23.5	0
10	QPSK	25	12	22.32	22.42	22.51	22.41	22.28		
10	QPSK	25	25	22.43	22.38	22.43	22.35	22.35		
10	QPSK	50	0	22.34	22.48	22.52	22.48	22.41		
10	16QAM	1	0	22.34	22.31	22.53	22.32	22.27	23.5	0
10	16QAM	1	25	22.38	22.38	22.50	22.29	22.25		
10	16QAM	1	49	22.49	22.37	22.48	22.28	22.29		
10	16QAM	25	0	22.20	22.27	22.56	22.43	22.32	23.5	0
10	16QAM	25	12	22.21	22.46	22.42	22.11	22.27		
10	16QAM	25	25	22.35	22.24	22.28	22.17	22.20		
10	16QAM	50	0	22.28	22.48	22.40	22.40	22.33		
10	64QAM	1	0	22.32	22.21	22.46	22.34	22.07	23.5	0
10	64QAM	1	25	22.43	22.30	22.50	22.18	22.21		
10	64QAM	1	49	22.34	22.11	22.38	22.35	22.17		
10	64QAM	25	0	22.12	22.23	22.41	22.26	22.28	23.5	0
10	64QAM	25	12	22.20	22.16	22.36	22.09	22.32		
10	64QAM	25	25	22.18	22.03	22.30	22.17	22.36		
10	64QAM	50	0	22.05	22.09	22.23	22.23	22.23		
10	256QAM	1	0	21.45	21.46	21.56	21.35	21.48	23	0.5
10	256QAM	1	25	21.29	21.34	21.51	21.37	21.46		
10	256QAM	1	49	21.26	21.25	21.47	21.33	21.42		
10	256QAM	25	0	21.33	21.29	21.44	21.25	21.41	23	0.5
10	256QAM	25	12	21.21	21.11	21.32	21.16	21.33		
10	256QAM	25	25	21.11	21.14	21.27	21.11	21.29		
10	256QAM	50	0	21.04	21.04	21.24	21.09	21.18		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	22.56	22.58	22.67	22.53	22.43	23.50	0
5	QPSK	1	12	22.52	22.44	22.64	22.53	22.36		
5	QPSK	1	24	22.52	22.45	22.48	22.45	22.39		
5	QPSK	12	0	22.47	22.43	22.50	22.44	22.46	23.5	0
5	QPSK	12	7	22.39	22.37	22.54	22.40	22.27		
5	QPSK	12	13	22.48	22.42	22.38	22.32	22.32		
5	QPSK	25	0	22.41	22.41	22.50	22.44	22.42	23.5	0
5	16QAM	1	0	22.35	22.27	22.57	22.37	22.25		
5	16QAM	1	12	22.46	22.32	22.43	22.32	22.26		
5	16QAM	1	24	22.44	22.30	22.38	22.23	22.24		
5	16QAM	12	0	22.25	22.26	22.30	22.27	22.37	23.5	0
5	16QAM	12	7	22.20	22.39	22.30	22.17	22.19		
5	16QAM	12	13	22.33	22.31	22.31	22.36	22.33		
5	16QAM	25	0	22.25	22.45	22.52	22.30	22.27	23.5	0
5	64QAM	1	0	22.43	22.32	22.58	22.32	22.22		
5	64QAM	1	12	22.23	22.31	22.40	22.24	22.13		
5	64QAM	1	24	22.31	22.20	22.22	22.26	22.29		
5	64QAM	12	0	22.05	22.26	22.37	22.16	22.15	23.5	0
5	64QAM	12	7	22.10	22.17	22.36	22.10	22.20		
5	64QAM	12	13	22.13	22.05	22.32	22.23	22.38		
5	64QAM	25	0	22.03	22.07	22.20	22.10	22.23		
5	256QAM	1	0	21.38	21.34	21.57	21.39	21.48	23	0.5
5	256QAM	1	12	21.33	21.36	21.50	21.28	21.49		
5	256QAM	1	24	21.23	21.29	21.49	21.37	21.39		
5	256QAM	12	0	21.34	21.29	21.40	21.28	21.32	23	0.5
5	256QAM	12	7	21.16	21.18	21.33	21.11	21.33		
5	256QAM	12	13	21.14	21.13	21.33	21.12	21.31		
5	256QAM	25	0	21.01	21.06	21.21	21.03	21.16		

Band 48 Default Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	23.72	23.88	23.79	23.66	24	0
20	QPSK	1	49	23.56	23.76	23.61	23.54		
20	QPSK	1	99	23.56	23.65	23.58	23.60		
20	QPSK	50	0	23.64	23.74	23.57	23.53		
20	QPSK	50	24	23.48	23.66	23.49	23.50		
20	QPSK	50	50	23.49	23.49	23.45	23.37		
20	QPSK	100	0	23.52	23.68	23.59	23.48		
20	16QAM	1	0	23.67	23.84	23.73	23.52	24	0
20	16QAM	1	49	23.65	23.74	23.66	23.62		
20	16QAM	1	99	23.64	23.66	23.64	23.49		
20	16QAM	50	0	23.16	23.38	23.28	23.15	23.5	0.5
20	16QAM	50	24	23.12	23.25	23.23	23.08		
20	16QAM	50	50	23.09	23.14	23.14	23.10		
20	16QAM	100	0	23.27	23.44	23.36	23.13		
20	64QAM	1	0	23.14	23.36	23.23	23.13	23.5	0.5
20	64QAM	1	49	23.14	23.17	23.14	23.07		
20	64QAM	1	99	23.16	23.21	23.11	23.06		
20	64QAM	50	0	22.19	22.39	22.29	22.08	22.5	1.5
20	64QAM	50	24	22.18	22.24	22.25	22.16		
20	64QAM	50	50	22.16	22.15	22.15	22.08		
20	64QAM	100	0	22.26	22.35	22.30	22.18		
20	256QAM	1	0	20.01	20.20	20.01	19.94	20.5	3.5
20	256QAM	1	49	19.97	20.20	19.96	19.91		
20	256QAM	1	99	19.94	20.07	19.96	19.87		
20	256QAM	50	0	20.32	20.46	20.33	20.16	20.5	3.5
20	256QAM	50	24	20.30	20.36	20.33	20.14		
20	256QAM	50	50	20.22	20.28	20.25	20.16		
20	256QAM	100	0	20.43	20.34	20.40	20.34		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	23.58	23.83	23.65	23.60	24	0
15	QPSK	1	37	23.49	23.62	23.51	23.42		
15	QPSK	1	74	23.52	23.51	23.50	23.51		
15	QPSK	36	0	23.54	23.69	23.49	23.42	24	0
15	QPSK	36	20	23.33	23.62	23.35	23.37		
15	QPSK	36	39	23.38	23.44	23.40	23.34		
15	QPSK	75	0	23.44	23.64	23.52	23.38		
15	16QAM	1	0	23.52	23.76	23.59	23.40	24	0
15	16QAM	1	37	23.51	23.60	23.62	23.51		
15	16QAM	1	74	23.59	23.51	23.50	23.45		
15	16QAM	36	0	23.05	23.31	23.14	23.01	23.5	0.5
15	16QAM	36	20	23.01	23.10	23.18	22.96		
15	16QAM	36	39	22.96	23.04	23.03	23.00		
15	16QAM	75	0	23.24	23.31	23.27	23.10		
15	64QAM	1	0	23.10	23.29	23.15	23.00	23.5	0.5
15	64QAM	1	37	23.04	23.12	23.06	22.98		
15	64QAM	1	74	23.02	23.13	23.01	22.99		
15	64QAM	36	0	22.07	22.24	22.16	21.97	22.5	1.5
15	64QAM	36	20	22.12	22.11	22.14	22.02		
15	64QAM	36	39	22.12	22.10	22.05	21.97		
15	64QAM	75	0	22.15	22.26	22.24	22.04		
15	256QAM	1	0	19.95	20.10	19.88	19.86	20.5	3.5
15	256QAM	1	37	19.91	20.13	19.92	19.78		
15	256QAM	1	74	19.85	19.93	19.86	19.76		
15	256QAM	36	0	20.23	20.38	20.29	20.11	20.5	3.5
15	256QAM	36	20	20.16	20.25	20.29	20.02		
15	256QAM	36	39	20.16	20.18	20.14	20.10		
15	256QAM	75	0	20.36	20.31	20.37	20.30		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	23.65	23.74	23.67	23.61	24	0
10	QPSK	1	25	23.49	23.70	23.49	23.47		
10	QPSK	1	49	23.43	23.56	23.48	23.55		
10	QPSK	25	0	23.53	23.61	23.50	23.47	24	0
10	QPSK	25	12	23.40	23.54	23.45	23.42		
10	QPSK	25	25	23.45	23.37	23.31	23.27		
10	QPSK	50	0	23.40	23.62	23.53	23.44		
10	16QAM	1	0	23.59	23.80	23.65	23.46	24	0
10	16QAM	1	25	23.51	23.64	23.62	23.47		
10	16QAM	1	49	23.54	23.56	23.60	23.42		
10	16QAM	25	0	23.08	23.32	23.14	23.07	23.5	0.5
10	16QAM	25	12	23.05	23.19	23.08	23.04		
10	16QAM	25	25	23.01	22.99	23.04	23.03		
10	16QAM	50	0	23.12	23.35	23.27	23.09		
10	64QAM	1	0	23.00	23.29	23.14	22.99	23.5	0.5
10	64QAM	1	25	23.07	23.06	23.10	23.03		
10	64QAM	1	49	23.10	23.06	22.98	22.97		
10	64QAM	25	0	22.12	22.30	22.21	22.00	22.5	1.5
10	64QAM	25	12	22.06	22.12	22.16	22.13		
10	64QAM	25	25	22.13	22.11	22.06	21.93		
10	64QAM	50	0	22.20	22.25	22.20	22.15		
10	256QAM	1	0	19.87	20.05	19.92	19.84	20.5	3.5
10	256QAM	1	25	19.86	20.07	19.91	19.87		
10	256QAM	1	49	19.87	19.93	19.89	19.84		
10	256QAM	25	0	20.20	20.37	20.22	20.04	20.5	3.5
10	256QAM	25	12	20.18	20.30	20.24	20.07		
10	256QAM	25	25	20.17	20.17	20.17	20.07		
10	256QAM	50	0	20.31	20.40	20.32	20.29		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	23.67	23.77	23.66	23.54	24	0
5	QPSK	1	12	23.43	23.69	23.50	23.45		
5	QPSK	1	24	23.53	23.59	23.55	23.55		
5	QPSK	12	0	23.56	23.71	23.48	23.45	24	0
5	QPSK	12	7	23.44	23.60	23.38	23.36		
5	QPSK	12	13	23.41	23.35	23.31	23.29		
5	QPSK	25	0	23.44	23.59	23.45	23.43		
5	16QAM	1	0	23.53	23.73	23.69	23.49	24	0
5	16QAM	1	12	23.53	23.66	23.57	23.55		
5	16QAM	1	24	23.55	23.61	23.49	23.40		
5	16QAM	12	0	23.02	23.29	23.24	23.00	23.5	0.5
5	16QAM	12	7	22.99	23.15	23.16	23.01		
5	16QAM	12	13	23.04	23.05	23.10	23.01		
5	16QAM	25	0	23.13	23.30	23.30	23.00		
5	64QAM	1	0	23.02	23.32	23.19	23.06	23.5	0.5
5	64QAM	1	12	23.03	23.08	23.04	22.97		
5	64QAM	1	24	23.09	23.17	23.08	22.98		
5	64QAM	12	0	22.05	22.28	22.17	22.03	22.5	1.5
5	64QAM	12	7	22.14	22.17	22.21	22.11		
5	64QAM	12	13	22.04	22.07	22.06	22.02		
5	64QAM	25	0	22.21	22.26	22.26	22.13		
5	256QAM	1	0	19.91	20.05	19.93	19.84	20.5	3.5
5	256QAM	1	12	19.84	20.17	19.89	19.81		
5	256QAM	1	24	19.80	19.98	19.89	19.77		
5	256QAM	12	0	20.27	20.37	20.19	20.08	20.5	3.5
5	256QAM	12	7	20.21	20.23	20.28	20.07		
5	256QAM	12	13	20.13	20.19	20.21	20.04		
5	256QAM	25	0	20.32	20.47	20.36	20.30		

S/N	GSM1900 Ant2	Default							
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		28.25	28.33	28.19	29.00	19.25	19.33	19.19	20.00
GPRS 1 Tx slot		28.23	28.28	28.13	29.00	19.23	19.28	19.13	20.00
GPRS 2 Tx slots		25.46	25.53	25.40	26.50	19.46	19.53	19.40	20.50
GPRS 3 Tx slots		23.98	24.13	24.00	25.00	19.72	19.87	19.74	20.74
GPRS 4 Tx slots		21.95	22.09	21.96	23.00	18.95	19.09	18.96	20.00
EDGE 1 Tx slot		23.59	23.64	23.61	24.50	14.59	14.64	14.61	15.50
EDGE 2 Tx slots		21.96	22.03	21.92	23.00	15.96	16.03	15.92	17.00
EDGE 3 Tx slots		20.78	20.85	20.70	21.50	16.52	16.59	16.44	17.24
EDGE 4 Tx slots		18.71	18.74	18.68	19.50	15.71	15.74	15.68	16.50

		Default WCDMA II Ant2				Default WCDMA IV Ant2			
Band		WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	21.50	21.55	21.46	22.60	21.42	21.44	21.37	23.00
3GPP Rel 99	RMC 12.2Kbps	21.54	21.59	21.49	22.60	21.47	21.53	21.44	23.00
3GPP Rel 6	HSDPA Subtest-1	20.63	20.74	20.40	21.60	20.57	20.66	20.52	22.00
3GPP Rel 6	HSDPA Subtest-2	20.56	20.65	20.53	21.60	20.47	20.61	20.43	22.00
3GPP Rel 6	HSDPA Subtest-3	20.01	20.17	20.04	21.10	19.91	20.04	19.95	21.50
3GPP Rel 6	HSDPA Subtest-4	20.02	20.16	20.09	21.10	19.98	20.06	20.05	21.50
3GPP Rel 8	DC-HSDPA Subtest-1	20.55	20.73	20.51	21.60	20.46	20.58	20.39	22.00
3GPP Rel 8	DC-HSDPA Subtest-2	20.34	20.41	20.40	21.60	20.29	20.37	20.31	22.00
3GPP Rel 8	DC-HSDPA Subtest-3	19.86	19.98	19.94	21.10	19.80	19.87	19.83	21.50
3GPP Rel 8	DC-HSDPA Subtest-4	19.93	19.96	19.89	21.10	19.78	19.90	19.84	21.50
3GPP Rel 6	HSUPA Subtest-1	20.59	20.72	20.71	21.60	20.49	20.65	20.60	22.00
3GPP Rel 6	HSUPA Subtest-2	18.59	18.60	18.45	19.60	18.46	18.49	18.39	20.00
3GPP Rel 6	HSUPA Subtest-3	19.58	19.62	19.60	20.60	19.49	19.51	19.48	21.00
3GPP Rel 6	HSUPA Subtest-4	18.43	18.57	18.41	19.60	18.38	18.44	18.33	20.00
3GPP Rel 6	HSUPA Subtest-5	20.60	20.62	20.58	21.60	20.46	20.53	20.49	22.00

Band 2 DSI5_Simultaneous Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	21.12	21.24	21.07		
20	QPSK	1	49	21.00	21.06	20.92	22	0
20	QPSK	1	99	20.95	21.04	20.97		
20	QPSK	50	0	21.06	21.20	21.10		
20	QPSK	50	24	20.94	21.02	20.99	22	0
20	QPSK	50	50	20.88	21.01	20.96		
20	QPSK	100	0	21.01	21.12	21.03		
20	16QAM	1	0	21.06	21.17	21.06		
20	16QAM	1	49	20.94	21.03	20.99	22	0
20	16QAM	1	99	20.90	20.99	20.93		
20	16QAM	50	0	20.95	21.07	20.97		
20	16QAM	50	24	20.80	20.90	20.94	22	0
20	16QAM	50	50	20.76	20.88	20.81		
20	16QAM	100	0	20.90	21.09	20.90		
20	64QAM	1	0	20.97	21.18	21.10		
20	64QAM	1	49	21.01	21.07	21.02	22	0
20	64QAM	1	99	20.93	21.04	20.96		
20	64QAM	50	0	19.87	19.97	19.84		
20	64QAM	50	24	19.79	19.80	19.73	21	1
20	64QAM	50	50	19.71	19.74	19.75		
20	64QAM	100	0	19.90	19.94	19.98		
20	256QAM	1	0	18.07	18.24	18.07		
20	256QAM	1	49	18.05	18.20	17.99	19	3
20	256QAM	1	99	18.02	18.08	18.02		
20	256QAM	50	0	18.01	18.11	17.98		
20	256QAM	50	24	17.86	17.96	17.86	19	3
20	256QAM	50	50	17.86	17.95	17.86		
20	256QAM	100	0	17.82	17.99	17.90		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	21.01	21.18	20.92		
15	QPSK	1	37	20.92	20.99	20.84	22	0
15	QPSK	1	74	20.84	20.98	20.82		
15	QPSK	36	0	20.97	21.06	21.06		
15	QPSK	36	20	20.79	20.97	20.94	22	0
15	QPSK	36	39	20.81	20.92	20.85		
15	QPSK	75	0	20.96	21.07	20.97		
15	16QAM	1	0	21.01	21.04	20.92		
15	16QAM	1	37	20.90	20.93	20.86	22	0
15	16QAM	1	74	20.77	20.90	20.82		
15	16QAM	36	0	20.80	20.98	20.92		
15	16QAM	36	20	20.77	20.87	20.88	22	0
15	16QAM	36	39	20.61	20.79	20.69		
15	16QAM	75	0	20.76	20.99	20.82		
15	64QAM	1	0	20.86	21.07	21.04		
15	64QAM	1	37	20.88	20.99	20.95	22	0
15	64QAM	1	74	20.85	20.99	20.86		
15	64QAM	36	0	19.82	19.89	19.78		
15	64QAM	36	20	19.64	19.74	19.66	21	1
15	64QAM	36	39	19.59	19.63	19.64		
15	64QAM	75	0	19.77	19.86	19.86		
15	256QAM	1	0	18.00	18.10	18.00		
15	256QAM	1	37	18.00	18.10	17.88	19	3
15	256QAM	1	74	17.96	17.99	17.92		
15	256QAM	36	0	17.93	18.00	17.88		
15	256QAM	36	20	17.71	17.91	17.82	19	3
15	256QAM	36	39	17.83	17.92	17.82		
15	256QAM	75	0	17.77	17.92	17.86		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	20.98	21.15	20.99		
10	QPSK	1	25	20.97	21.02	20.85	22	0
10	QPSK	1	49	20.79	20.99	20.86		
10	QPSK	25	0	21.00	21.10	20.96		
10	QPSK	25	12	20.86	20.92	20.85	22	0
10	QPSK	25	25	20.82	20.95	20.91		
10	QPSK	50	0	20.86	21.02	20.88		
10	16QAM	1	0	21.03	21.08	20.97		
10	16QAM	1	25	20.88	20.90	20.91	22	0
10	16QAM	1	49	20.77	20.89	20.85		
10	16QAM	25	0	20.84	20.93	20.94		
10	16QAM	25	12	20.77	20.86	20.86	22	0
10	16QAM	25	25	20.65	20.75	20.78		
10	16QAM	50	0	20.81	20.96	20.77		
10	64QAM	1	0	20.90	21.14	21.06		
10	64QAM	1	25	20.89	20.99	20.99	22	0
10	64QAM	1	49	20.89	20.94	20.83		
10	64QAM	25	0	19.80	19.89	19.73		
10	64QAM	25	12	19.67	19.76	19.59	21	1
10	64QAM	25	25	19.62	19.71	19.62		
10	64QAM	50	0	19.85	19.86	19.85		
10	256QAM	1	0	18.02	18.19	17.98		
10	256QAM	1	25	17.99	18.11	17.87	19	3
10	256QAM	1	49	17.94	18.01	17.97		
10	256QAM	25	0	17.96	18.06	17.83		
10	256QAM	25	12	17.78	17.86	17.81	19	3
10	256QAM	25	25	17.81	17.85	17.80		
10	256QAM	50	0	17.72	17.95	17.76		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	21.06	21.11	20.97		
5	QPSK	1	12	20.93	20.94	20.85	22	0
5	QPSK	1	24	20.77	20.89	20.85		
5	QPSK	12	0	21.02	21.09	21.02		
5	QPSK	12	7	20.84	20.94	20.86	22	0
5	QPSK	12	13	20.79	20.93	20.83		
5	QPSK	25	0	20.95	21.07	20.94		
5	16QAM	1	0	21.02	21.03	21.03		
5	16QAM	1	12	20.86	20.92	20.92	22	0
5	16QAM	1	24	20.76	20.95	20.86		
5	16QAM	12	0	20.81	20.96	20.85		
5	16QAM	12	7	20.72	20.87	20.80	22	0
5	16QAM	12	13	20.69	20.81	20.74		
5	16QAM	25	0	20.82	20.95	20.79		
5	64QAM	1	0	20.86	21.09	21.02		
5	64QAM	1	12	20.98	20.92	20.94	22	0
5	64QAM	1	24	20.82	20.92	20.91		
5	64QAM	12	0	19.74	19.83	19.75		
5	64QAM	12	7	19.68	19.76	19.60	21	1
5	64QAM	12	13	19.63	19.63	19.68		
5	64QAM	25	0	19.80	19.82	19.85		
5	256QAM	1	0	18.00	18.15	17.94		
5	256QAM	1	12	18.01	18.16	17.92	19	3
5	256QAM	1	24	17.93	17.96	17.91		
5	256QAM	12	0	17.92	18.03	17.86		
5	256QAM	12	7	17.80	17.92	17.81	19	3
5	256QAM	12	13	17.75	17.80	17.79		
5	256QAM	25	0	17.71	17.86	17.82		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	20.98	21.14	20.96		
3	QPSK	1	8	20.95	20.91	20.88	22	0
3	QPSK	1	14	20.85	20.99	20.84		
3	QPSK	8	0	20.94	21.15	20.98		
3	QPSK	8	4	20.83	20.89	20.89	22	0
3	QPSK	8	7	20.78	20.96	20.87		
3	QPSK	15	0	20.88	21.00	20.90		
3	16QAM	1	0	20.99	21.08	20.95		
3	16QAM	1	8	20.83	20.93	20.92	22	0
3	16QAM	1	14	20.86	20.90	20.89		
3	16QAM	8	0	20.91	21.02	20.84		
3	16QAM	8	4	20.76	20.75	20.84	22	0
3	16QAM	8	7	20.63	20.74	20.69		
3	16QAM	15	0	20.79	20.95	20.83		
3	64QAM	1	0	20.93	21.06	21.05		
3	64QAM	1	8	20.96	20.93	20.99	22	0
3	64QAM	1	14	20.89	20.93	20.91		
3	64QAM	8	0	19.81	19.88	19.74		
3	64QAM	8	4	19.74	19.71	19.62	21	1
3	64QAM	8	7	19.59	19.67	19.62		
3	64QAM	15	0	19.78	19.85	19.94		
3	256QAM	1	0	18.00	18.12	17.99		
3	256QAM	1	8	18.00	18.13	17.89	19	3
3	256QAM	1	14	17.93	17.98	17.95		
3	256QAM	8	0	17.92	18.07	17.94		
3	256QAM	8	4	17.78	17.82	17.76	19	3
3	256QAM	8	7	17.82	17.90	17.80		
3	256QAM	15	0	17.76	17.91	17.82		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	21.03	21.16	20.96		
1.4	QPSK	1	3	20.93	20.96	20.85		
1.4	QPSK	1	5	20.81	20.95	20.86	22	0
1.4	QPSK	3	0	20.98	21.10	21.07		
1.4	QPSK	3	1	20.91	20.96	20.91		
1.4	QPSK	3	3	20.74	20.96	20.87		
1.4	QPSK	6	0	20.97	20.97	20.91	22	0
1.4	16QAM	1	0	21.00	21.05	20.97		
1.4	16QAM	1	3	20.81	20.88	20.92		
1.4	16QAM	1	5	20.83	20.89	20.87	22	0
1.4	16QAM	3	0	20.86	20.92	20.85		
1.4	16QAM	3	1	20.69	20.87	20.86		
1.4	16QAM	3	3	20.70	20.82	20.70		
1.4	16QAM	6	0	20.75	20.96	20.83	22	0
1.4	64QAM	1	0	20.85	21.05	20.96		
1.4	64QAM	1	3	20.94	20.93	20.93		
1.4	64QAM	1	5	20.89	20.93	20.84	22	0
1.4	64QAM	3	0	20.85	20.95	20.86		
1.4	64QAM	3	1	20.89	21.12	21.01		
1.4	64QAM	3	3	20.95	21.01	20.90		
1.4	64QAM	6	0	19.83	19.88	19.72	21	1
1.4	256QAM	1	0	17.95	18.10	17.93		
1.4	256QAM	1	3	17.95	18.18	17.89		
1.4	256QAM	1	5	17.92	17.97	17.97	19	3
1.4	256QAM	3	0	17.97	17.96	17.84		
1.4	256QAM	3	1	17.83	17.91	17.72		
1.4	256QAM	3	3	17.81	17.89	17.77		
1.4	256QAM	6	0	17.71	17.92	17.78	19	3

Band 4 Default Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	21.16	21.30	21.12		
20	QPSK	1	49	20.99	21.11	20.94	22	0
20	QPSK	1	99	20.98	21.14	20.88		
20	QPSK	50	0	21.06	21.19	21.02		
20	QPSK	50	24	21.00	21.10	20.99	22	0
20	QPSK	50	50	20.98	20.97	20.94		
20	QPSK	100	0	21.02	21.16	21.06		
20	16QAM	1	0	21.08	21.26	21.10		
20	16QAM	1	49	21.03	21.17	21.02	22	0
20	16QAM	1	99	20.95	21.10	21.05		
20	16QAM	50	0	21.12	21.24	21.15		
20	16QAM	50	24	20.99	21.06	21.05	22	0
20	16QAM	50	50	20.96	21.05	20.97		
20	16QAM	100	0	21.06	21.21	21.05		
20	64QAM	1	0	21.01	21.21	21.06		
20	64QAM	1	49	21.03	21.08	21.02	22	0
20	64QAM	1	99	20.90	21.03	20.99		
20	64QAM	50	0	19.92	20.03	19.90		
20	64QAM	50	24	19.83	19.93	19.81	21	1
20	64QAM	50	50	19.82	19.79	19.75		
20	64QAM	100	0	19.87	19.94	19.95		
20	256QAM	1	0	18.06	18.26	18.17		
20	256QAM	1	49	18.03	18.26	18.10	19	3
20	256QAM	1	99	18.05	18.06	18.00		
20	256QAM	50	0	17.94	18.15	18.02		
20	256QAM	50	24	17.96	17.99	17.98	19	3
20	256QAM	50	50	17.87	17.97	17.86		
20	256QAM	100	0	17.92	18.05	17.89		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	21.01	21.25	20.98		
15	QPSK	1	37	20.87	20.97	20.82	22	0
15	QPSK	1	74	20.90	21.07	20.83		
15	QPSK	36	0	20.95	21.07	20.93		
15	QPSK	36	20	20.88	21.03	20.92	22	0
15	QPSK	36	39	20.81	20.91	20.84		
15	QPSK	75	0	20.92	21.07	20.99		
15	16QAM	1	0	20.94	21.15	21.03		
15	16QAM	1	37	21.00	21.03	20.94	22	0
15	16QAM	1	74	20.81	20.97	20.87		
15	16QAM	36	0	21.03	21.10	21.02		
15	16QAM	36	20	20.89	21.02	21.00	22	0
15	16QAM	36	39	20.83	21.01	20.94		
15	16QAM	75	0	21.02	21.06	20.98		
15	64QAM	1	0	20.96	21.14	20.91		
15	64QAM	1	37	20.95	21.04	20.94	22	0
15	64QAM	1	74	20.80	21.00	20.91		
15	64QAM	36	0	19.88	20.00	19.80		
15	64QAM	36	20	19.72	19.88	19.74	21	1
15	64QAM	36	39	19.74	19.66	19.60		
15	64QAM	75	0	19.75	19.80	19.87		
15	256QAM	1	0	18.00	18.17	18.03		
15	256QAM	1	37	17.94	18.16	18.07	19	3
15	256QAM	1	74	17.90	17.96	17.95		
15	256QAM	36	0	17.81	18.01	17.92		
15	256QAM	36	20	17.83	17.88	17.94	19	3
15	256QAM	36	39	17.80	17.82	17.80		
15	256QAM	75	0	17.80	17.96	17.79		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	21.02	21.16	21.04		
10	QPSK	1	25	20.95	20.98	20.83	22	0
10	QPSK	1	49	20.94	20.96	20.73		
10	QPSK	25	0	20.91	21.16	20.91		
10	QPSK	25	12	20.95	20.99	20.90	22	0
10	QPSK	25	25	20.83	20.86	20.80		
10	QPSK	50	0	20.91	21.12	20.92		
10	16QAM	1	0	21.01	21.16	20.99		
10	16QAM	1	25	20.93	21.10	20.98	22	0
10	16QAM	1	49	20.86	21.01	20.92		
10	16QAM	25	0	21.00	21.18	21.09		
10	16QAM	25	12	20.84	21.02	20.98	22	0
10	16QAM	25	25	20.82	20.99	20.89		
10	16QAM	50	0	20.93	21.06	21.02		
10	64QAM	1	0	20.99	21.15	20.98		
10	64QAM	1	25	20.97	21.01	20.88	22	0
10	64QAM	1	49	20.81	20.96	20.89		
10	64QAM	25	0	19.83	19.90	19.87		
10	64QAM	25	12	19.69	19.86	19.68	21	1
10	64QAM	25	25	19.74	19.64	19.69		
10	64QAM	50	0	19.76	19.86	19.82		
10	256QAM	1	0	18.03	18.16	18.05		
10	256QAM	1	25	17.89	18.18	18.04	19	3
10	256QAM	1	49	17.94	17.91	17.90		
10	256QAM	25	0	17.83	18.02	17.91		
10	256QAM	25	12	17.87	17.81	17.89	19	3
10	256QAM	25	25	17.78	17.90	17.82		
10	256QAM	50	0	17.81	17.95	17.85		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	21.04	21.24	21.03		
5	QPSK	1	12	20.96	21.03	20.87	22	0
5	QPSK	1	24	20.91	21.07	20.84		
5	QPSK	12	0	20.93	21.06	20.98		
5	QPSK	12	7	20.94	21.03	20.90	22	0
5	QPSK	12	13	20.94	20.87	20.86		
5	QPSK	25	0	20.92	21.08	20.93		
5	16QAM	1	0	21.04	21.17	21.04		
5	16QAM	1	12	20.93	21.01	20.91	22	0
5	16QAM	1	24	20.85	20.96	20.91		
5	16QAM	12	0	20.99	21.16	21.03		
5	16QAM	12	7	20.87	20.91	20.93	22	0
5	16QAM	12	13	20.89	20.84	20.91		
5	16QAM	25	0	20.91	21.13	20.93		
5	64QAM	1	0	20.99	21.06	20.97		
5	64QAM	1	12	20.97	20.96	20.94	22	0
5	64QAM	1	24	20.82	20.92	20.94		
5	64QAM	12	0	19.82	19.89	19.87		
5	64QAM	12	7	19.73	19.82	19.76	21	1
5	64QAM	12	13	19.74	19.73	19.67		
5	64QAM	25	0	19.75	19.84	19.82		
5	256QAM	1	0	18.00	18.18	18.11		
5	256QAM	1	12	17.88	18.18	18.04	19	3
5	256QAM	1	24	17.95	17.95	17.89		
5	256QAM	12	0	17.87	18.03	17.90		
5	256QAM	12	7	17.93	17.92	17.88	19	3
5	256QAM	12	13	17.82	17.84	17.79		
5	256QAM	25	0	17.86	18.01	17.74		
Channel				19925	20175	20425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	21.04	21.17	21.03		
3	QPSK	1	8	20.87	21.01	20.80	22	0
3	QPSK	1	14	20.90	21.06	20.81		
3	QPSK	8	0	21.00	21.15	20.91		
3	QPSK	8	4	20.90	21.02	20.87	22	0
3	QPSK	8	7	20.84	20.85	20.83		
3	QPSK	15	0	20.87	21.03	20.99		
3	16QAM	1	0	20.95	21.22	20.97		
3	16QAM	1	8	20.96	21.06	20.99	22	0
3	16QAM	1	14	20.90	21.01	21.00		
3	16QAM	8	0	21.03	21.20	21.04		
3	16QAM	8	4	20.89	20.96	20.94	22	0
3	16QAM	8	7	20.93	20.91	20.83		
3	16QAM	15	0	21.03	21.15	21.00		
3	64QAM	1	0	21.03	21.15	21.02		
3	64QAM	1	8	20.99	20.95	20.92	22	0
3	64QAM	1	14	20.80	20.97	20.85		
3	64QAM	8	0	19.79	19.95	19.78		
3	64QAM	8	4	19.79	19.82	19.78	21	1
3	64QAM	8	7	19.75	19.67	19.67		
3	64QAM	15	0	19.80	19.84	19.81		
3	256QAM	1	0	18.02	18.14	18.10		
3	256QAM	1	8	17.91	18.17	17.96	19	3
3	256QAM	1	14	17.99	17.94	17.97		
3	256QAM	8	0	17.81	18.00	17.91		
3	256QAM	8	4	17.88	17.93	17.90	19	3
3	256QAM	8	7	17.83	17.83	17.82		
3	256QAM	15	0	17.82	17.93	17.82		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	21.08	21.16	21.06		
1.4	QPSK	1	3	20.94	21.02	20.90		
1.4	QPSK	1	5	20.84	21.05	20.78	22	0
1.4	QPSK	3	0	20.95	21.10	20.91		
1.4	QPSK	3	1	20.94	20.97	20.87		
1.4	QPSK	3	3	20.95	20.83	20.87		
1.4	QPSK	6	0	20.90	21.10	20.95	22	0
1.4	16QAM	1	0	21.04	21.22	20.97		
1.4	16QAM	1	3	20.96	21.09	20.94		
1.4	16QAM	1	5	20.90	21.04	20.93	22	0
1.4	16QAM	3	0	21.03	21.12	21.02		
1.4	16QAM	3	1	20.88	21.00	20.97		
1.4	16QAM	3	3	20.83	20.93	20.89		
1.4	16QAM	6	0	20.98	21.17	20.92	22	0
1.4	64QAM	1	0	21.04	21.12	20.99		
1.4	64QAM	1	3	20.91	21.05	20.88		
1.4	64QAM	1	5	20.82	20.93	20.94	22	0
1.4	64QAM	3	0	20.95	21.08	20.95		
1.4	64QAM	3	1	21.05	21.11	20.93		
1.4	64QAM	3	3	20.98	20.96	20.98		
1.4	64QAM	6	0	19.70	19.90	19.73	21	1
1.4	256QAM	1	0	18.02	18.18	18.09		
1.4	256QAM	1	3	17.94	18.16	17.97		
1.4	256QAM	1	5	18.01	17.97	17.94	19	3
1.4	256QAM	3	0	17.84	18.11	17.95		
1.4	256QAM	3	1	17.93	17.94	17.92		
1.4	256QAM	3	3	17.75	17.92	17.82		
1.4	256QAM	6	0	17.88	17.90	17.82	19	3

Band 5 Default Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.11	22.16	22.07		
10	QPSK	1	25	21.94	22.03	21.89	23	0
10	QPSK	1	49	21.85	22.00	21.78		
10	QPSK	25	0	21.94	22.15	21.96		
10	QPSK	25	12	21.85	22.00	21.88	23	0
10	QPSK	25	25	21.93	21.86	21.84		
10	QPSK	50	0	21.97	22.06	21.95		
10	16QAM	1	0	21.97	22.14	22.07		
10	16QAM	1	25	21.93	22.14	21.92	23	0
10	16QAM	1	49	21.81	21.95	21.93		
10	16QAM	25	0	22.06	22.09	22.11		
10	16QAM	25	12	21.93	21.98	21.91	23	0
10	16QAM	25	25	21.84	22.01	21.85		
10	16QAM	50	0	21.98	22.07	22.00		

Band 12 Default Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	22.51	22.59	22.50	24	0
10	QPSK	1	25	22.40	22.42	22.31		
10	QPSK	1	49	22.26	22.40	22.18		
10	QPSK	25	0	22.40	22.55	22.40	24	0
10	QPSK	25	12	22.30	22.45	22.27		
10	QPSK	25	25	22.29	22.32	22.24		
10	QPSK	50	0	22.34	22.41	22.37		
10	16QAM	1	0	22.41	22.51	22.53	24	0
10	16QAM	1	25	22.39	22.52	22.38		
10	16QAM	1	49	22.18	22.40	22.39		
10	16QAM	25	0	22.51	22.52	22.54	24	0
10	16QAM	25	12	22.29	22.41	22.35		
10	16QAM	25	25	22.27	22.36	22.30		
10	16QAM	50	0	22.40	22.51	22.38		
10	64QAM	1	0	22.40	22.44	22.34	24	0
10	64QAM	1	25	22.39	22.41	22.32		
10	64QAM	1	49	22.14	22.41	22.29		
10	64QAM	25	0	21.24	21.36	21.17	22.5	1.5
10	64QAM	25	12	21.13	21.21	21.06		
10	64QAM	25	25	21.09	21.06	21.04		
10	64QAM	50	0	21.25	21.30	21.19		
10	256QAM	1	0	19.32	19.60	19.48	21	3
10	256QAM	1	25	19.35	19.58	19.51		
10	256QAM	1	49	19.34	19.36	19.43		
10	256QAM	25	0	19.24	19.45	19.44	21	3
10	256QAM	25	12	19.34	19.28	19.32		
10	256QAM	25	25	19.12	19.28	19.19		
10	256QAM	50	0	19.26	19.33	19.17		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.43	22.48	22.39	24	0
5	QPSK	1	12	22.33	22.28	22.20		
5	QPSK	1	24	22.14	22.40	22.04		
5	QPSK	12	0	22.29	22.50	22.37	24	0
5	QPSK	12	7	22.25	22.31	22.15		
5	QPSK	12	13	22.24	22.26	22.17		
5	QPSK	25	0	22.22	22.27	22.32		
5	16QAM	1	0	22.35	22.48	22.38	24	0
5	16QAM	1	12	22.25	22.45	22.27		
5	16QAM	1	24	22.08	22.30	22.33		
5	16QAM	12	0	22.47	22.43	22.51	24	0
5	16QAM	12	7	22.18	22.28	22.25		
5	16QAM	12	13	22.15	22.25	22.24		
5	16QAM	25	0	22.37	22.43	22.23		
5	64QAM	1	0	22.25	22.39	22.29	24	0
5	64QAM	1	12	22.29	22.37	22.28		
5	64QAM	1	24	22.05	22.32	22.21		
5	64QAM	12	0	21.17	21.31	21.05	22.5	1.5
5	64QAM	12	7	21.02	21.15	20.97		
5	64QAM	12	13	21.02	20.92	20.89		
5	64QAM	25	0	21.13	21.16	21.15		
5	256QAM	1	0	19.21	19.48	19.38	21	3
5	256QAM	1	12	19.20	19.48	19.48		
5	256QAM	1	24	19.25	19.28	19.33		
5	256QAM	12	0	19.11	19.35	19.38	21	3
5	256QAM	12	7	19.20	19.15	19.26		
5	256QAM	12	13	19.02	19.20	19.12		
5	256QAM	25	0	19.12	19.22	19.09		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.40	22.52	22.46	24	0
3	QPSK	1	8	22.33	22.37	22.26		
3	QPSK	1	14	22.11	22.43	22.08		
3	QPSK	8	0	22.32	22.48	22.29	24	0
3	QPSK	8	4	22.19	22.34	22.21		
3	QPSK	8	7	22.21	22.18	22.11		
3	QPSK	15	0	22.21	22.37	22.25		
3	16QAM	1	0	22.26	22.39	22.46	24	0
3	16QAM	1	8	22.31	22.38	22.32		
3	16QAM	1	14	22.05	22.26	22.32		
3	16QAM	8	0	22.37	22.41	22.40	24	0
3	16QAM	8	4	22.18	22.33	22.29		
3	16QAM	8	7	22.13	22.29	22.16		
3	16QAM	15	0	22.36	22.39	22.25		
3	64QAM	1	0	22.27	22.31	22.21	24	0
3	64QAM	1	8	22.34	22.38	22.28		
3	64QAM	1	14	22.06	22.28	22.20		
3	64QAM	8	0	21.12	21.27	21.02	22.5	1.5
3	64QAM	8	4	21.04	21.12	20.95		
3	64QAM	8	7	20.98	21.00	20.99		
3	64QAM	15	0	21.19	21.24	21.12		
3	256QAM	1	0	19.29	19.45	19.41	21	3
3	256QAM	1	8	19.27	19.51	19.37		
3	256QAM	1	14	19.24	19.31	19.35		
3	256QAM	8	0	19.10	19.31	19.36	21	3
3	256QAM	8	4	19.24	19.15	19.17		
3	256QAM	8	7	19.09	19.23	19.09		
3	256QAM	15	0	19.20	19.26	19.12		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.41	22.54	22.38	24	0
1.4	QPSK	1	3	22.30	22.28	22.27		
1.4	QPSK	1	5	22.20	22.42	22.04		
1.4	QPSK	3	0	22.34	22.50	22.28		
1.4	QPSK	3	1	22.20	22.39	22.23		
1.4	QPSK	3	3	22.17	22.20	22.20		
1.4	QPSK	6	0	22.23	22.34	22.32	24	0
1.4	16QAM	1	0	22.32	22.45	22.40	24	0
1.4	16QAM	1	3	22.28	22.47	22.25		
1.4	16QAM	1	5	22.04	22.37	22.33		
1.4	16QAM	3	0	22.47	22.47	22.40		
1.4	16QAM	3	1	22.25	22.31	22.25		
1.4	16QAM	3	3	22.17	22.32	22.26		
1.4	16QAM	6	0	22.26	22.43	22.35	24	0
1.4	64QAM	1	0	22.35	22.37	22.29	24	0
1.4	64QAM	1	3	22.25	22.29	22.26		
1.4	64QAM	1	5	22.01	22.33	22.19		
1.4	64QAM	3	0	22.38	22.38	22.40		
1.4	64QAM	3	1	22.16	22.32	22.22		
1.4	64QAM	3	3	22.15	22.29	22.21		
1.4	64QAM	6	0	21.19	21.29	21.11	22.5	1.5
1.4	256QAM	1	0	19.26	19.57	19.36	21	3
1.4	256QAM	1	3	19.22	19.55	19.47		
1.4	256QAM	1	5	19.26	19.22	19.35		
1.4	256QAM	3	0	19.10	19.34	19.30		
1.4	256QAM	3	1	19.21	19.18	19.19		
1.4	256QAM	3	3	19.08	19.20	19.14		
1.4	256QAM	6	0	19.17	19.23	19.09	21	3

Band 13 Default Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		22.53		24	0
10	QPSK	1	25		22.40			
10	QPSK	1	49		22.43			
10	QPSK	25	0		22.45		24	0
10	QPSK	25	12		22.35			
10	QPSK	25	25		22.26			
10	QPSK	50	0		22.32			
10	16QAM	1	0		22.48		24	0
10	16QAM	1	25		22.47			
10	16QAM	1	49		22.40			
10	16QAM	25	0		22.44		24	0
10	16QAM	25	12		22.35			
10	16QAM	25	25		22.26			
10	16QAM	50	0		22.45			
10	64QAM	1	0		22.38		24	0
10	64QAM	1	25		22.42			
10	64QAM	1	49		22.41			
10	64QAM	25	0		21.30		22.5	1.5
10	64QAM	25	12		21.20			
10	64QAM	25	25		21.04			
10	64QAM	50	0		21.26			
10	256QAM	1	0		19.60		21	3
10	256QAM	1	25		19.59			
10	256QAM	1	49		19.30			
10	256QAM	25	0		19.42		21	3
10	256QAM	25	12		19.26			
10	256QAM	25	25		19.24			
10	256QAM	50	0		19.28			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.47	22.50	22.44	24	0
5	QPSK	1	12	22.33	22.35	22.39		
5	QPSK	1	24	22.34	22.44	22.44		
5	QPSK	12	0	22.41	22.37	22.40	24	0
5	QPSK	12	7	22.25	22.26	22.28		
5	QPSK	12	13	22.23	22.21	22.21		
5	QPSK	25	0	22.22	22.30	22.30		
5	16QAM	1	0	22.42	22.46	22.43	24	0
5	16QAM	1	12	22.38	22.44	22.46		
5	16QAM	1	24	22.34	22.33	22.41		
5	16QAM	12	0	22.41	22.41	22.40	24	0
5	16QAM	12	7	22.31	22.33	22.31		
5	16QAM	12	13	22.17	22.25	22.19		
5	16QAM	25	0	22.41	22.47	22.46		
5	64QAM	1	0	22.31	22.30	22.29	24	0
5	64QAM	1	12	22.37	22.42	22.35		
5	64QAM	1	24	22.33	22.32	22.35		
5	64QAM	12	0	21.28	21.27	21.25	22.5	1.5
5	64QAM	12	7	21.11	21.20	21.17		
5	64QAM	12	13	20.96	20.97	21.01		
5	64QAM	25	0	21.17	21.25	21.28		
5	256QAM	1	0	19.52	19.51	19.53	21	3
5	256QAM	1	12	19.49	19.53	19.50		
5	256QAM	1	24	19.25	19.29	19.24		
5	256QAM	12	0	19.36	19.43	19.35	21	3
5	256QAM	12	7	19.22	19.24	19.26		
5	256QAM	12	13	19.17	19.20	19.17		
5	256QAM	25	0	19.27	19.18	19.30		

Band 14 Default Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23330			
Frequency (MHz)					793			
10	QPSK	1	0		22.62		24	0
10	QPSK	1	25		22.47			
10	QPSK	1	49		22.51			
10	QPSK	25	0		22.50		24	0
10	QPSK	25	12		22.36			
10	QPSK	25	25		22.35			
10	QPSK	50	0		22.44			
10	16QAM	1	0		22.49		24	0
10	16QAM	1	25		22.48			
10	16QAM	1	49		22.49			
10	16QAM	25	0		22.52		24	0
10	16QAM	25	12		22.41			
10	16QAM	25	25		22.28			
10	16QAM	50	0		22.56			
10	64QAM	1	0		22.41		24	0
10	64QAM	1	25		22.49			
10	64QAM	1	49		22.45			
10	64QAM	25	0		21.32		22.5	1.5
10	64QAM	25	12		21.22			
10	64QAM	25	25		21.08			
10	64QAM	50	0		21.29			
10	256QAM	1	0		19.62		21	3
10	256QAM	1	25		19.68			
10	256QAM	1	49		19.31			
10	256QAM	25	0		19.48		21	3
10	256QAM	25	12		19.29			
10	256QAM	25	25		19.33			
10	256QAM	50	0		19.37			
Channel				23305	23330	23355	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	0	22.51	22.57	22.47	24	0
5	QPSK	1	12	22.32	22.33	22.36		
5	QPSK	1	24	22.45	22.42	22.46		
5	QPSK	12	0	22.39	22.43	22.41	24	0
5	QPSK	12	7	22.27	22.30	22.31		
5	QPSK	12	13	22.30	22.23	22.25		
5	QPSK	25	0	22.32	22.37	22.37		
5	16QAM	1	0	22.41	22.37	22.40	24	0
5	16QAM	1	12	22.39	22.38	22.39		
5	16QAM	1	24	22.44	22.44	22.41		
5	16QAM	12	0	22.43	22.48	22.49	24	0
5	16QAM	12	7	22.27	22.28	22.35		
5	16QAM	12	13	22.18	22.21	22.25		
5	16QAM	25	0	22.42	22.48	22.50		
5	64QAM	1	0	22.28	22.37	22.28	24	0
5	64QAM	1	12	22.41	22.40	22.45		
5	64QAM	1	24	22.38	22.41	22.39		
5	64QAM	12	0	21.21	21.27	21.20	22.5	1.5
5	64QAM	12	7	21.08	21.18	21.13		
5	64QAM	12	13	21.01	21.02	21.02		
5	64QAM	25	0	21.16	21.15	21.18		
5	256QAM	1	0	19.51	19.52	19.57	21	3
5	256QAM	1	12	19.64	19.60	19.58		
5	256QAM	1	24	19.21	19.16	19.27		
5	256QAM	12	0	19.44	19.33	19.34	21	3
5	256QAM	12	7	19.20	19.22	19.14		
5	256QAM	12	13	19.21	19.29	19.20		
5	256QAM	25	0	19.31	19.33	19.24		

Band 17 Default Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	22.45	22.48	22.41	24	0
10	QPSK	1	25	22.38	22.29	22.34		
10	QPSK	1	49	22.31	22.34	22.40		
10	QPSK	25	0	22.35	22.39	22.31	24	0
10	QPSK	25	12	22.18	22.24	22.23		
10	QPSK	25	25	22.21	22.23	22.17		
10	QPSK	50	0	22.29	22.31	22.24		
10	16QAM	1	0	22.30	22.35	22.32	24	0
10	16QAM	1	25	22.28	22.38	22.39		
10	16QAM	1	49	22.17	22.31	22.30		
10	16QAM	25	0	22.34	22.42	22.32	24	0
10	16QAM	25	12	22.32	22.22	22.31		
10	16QAM	25	25	22.13	22.10	22.08		
10	16QAM	50	0	22.36	22.41	22.43		
10	64QAM	1	0	22.27	22.30	22.32	24	0
10	64QAM	1	25	22.31	22.35	22.33		
10	64QAM	1	49	22.30	22.35	22.27		
10	64QAM	25	0	21.21	21.20	21.23	22.5	1.5
10	64QAM	25	12	21.05	21.11	21.05		
10	64QAM	25	25	20.89	20.96	20.98		
10	64QAM	50	0	21.21	21.13	21.12		
10	256QAM	1	0	19.46	19.48	19.43	21	3
10	256QAM	1	25	19.60	19.57	19.50		
10	256QAM	1	49	19.23	19.32	19.27		
10	256QAM	25	0	19.33	19.30	19.34	21	3
10	256QAM	25	12	19.10	19.20	19.21		
10	256QAM	25	25	19.14	19.16	19.20		
10	256QAM	50	0	19.19	19.17	19.28		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.39	22.45	22.29	24	0
5	QPSK	1	12	22.34	22.16	22.20		
5	QPSK	1	24	22.17	22.26	22.32		
5	QPSK	12	0	22.27	22.28	22.17	24	0
5	QPSK	12	7	22.08	22.12	22.12		
5	QPSK	12	13	22.16	22.15	22.04		
5	QPSK	25	0	22.20	22.21	22.14		
5	16QAM	1	0	22.21	22.26	22.18	24	0
5	16QAM	1	12	22.28	22.25	22.27		
5	16QAM	1	24	22.27	22.24	22.28		
5	16QAM	12	0	22.25	22.28	22.23	24	0
5	16QAM	12	7	22.19	22.12	22.24		
5	16QAM	12	13	22.08	22.01	22.01		
5	16QAM	25	0	22.21	22.34	22.31		
5	64QAM	1	0	22.22	22.19	22.19	24	0
5	64QAM	1	12	22.24	22.29	22.25		
5	64QAM	1	24	22.27	22.23	22.18		
5	64QAM	12	0	21.14	21.08	21.11	22.5	1.5
5	64QAM	12	7	20.99	21.00	20.95		
5	64QAM	12	13	20.83	20.84	20.85		
5	64QAM	25	0	21.12	21.00	20.99		
5	256QAM	1	0	19.33	19.39	19.36	21	3
5	256QAM	1	12	19.53	19.47	19.35		
5	256QAM	1	24	19.09	19.19	19.24		
5	256QAM	12	0	19.26	19.21	19.24	21	3
5	256QAM	12	7	19.06	19.12	19.10		
5	256QAM	12	13	19.07	19.06	19.06		
5	256QAM	25	0	19.08	19.04	19.19		

Band 25 DSI5_SimultaneousAnt 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	21.26	21.31	21.20	22.7	0
20	QPSK	1	49	21.22	21.25	21.19		
20	QPSK	1	99	21.12	21.18	21.07		
20	QPSK	50	0	21.13	21.26	21.14		
20	QPSK	50	24	21.18	21.19	21.11	22.7	0
20	QPSK	50	50	21.12	21.22	21.17		
20	QPSK	100	0	21.14	21.20	21.18		
20	16QAM	1	0	21.05	21.18	21.05		
20	16QAM	1	49	21.12	21.20	21.20	22.7	0
20	16QAM	1	99	21.11	21.15	21.14		
20	16QAM	50	0	21.13	21.18	21.07		
20	16QAM	50	24	21.12	21.16	21.10	22.7	0
20	16QAM	50	50	21.09	21.20	21.11		
20	16QAM	100	0	21.13	21.20	21.23		
20	64QAM	1	0	21.05	21.09	20.93		
20	64QAM	1	49	21.01	21.14	21.05	22.7	0
20	64QAM	1	99	21.07	21.12	21.06		
20	64QAM	50	0	21.03	21.17	21.08		
20	64QAM	50	24	21.16	21.12	21.06	22.7	0
20	64QAM	50	50	21.08	21.16	21.15		
20	64QAM	100	0	21.07	21.15	21.01		
20	256QAM	1	0	19.94	20.16	20.00		
20	256QAM	1	49	19.98	20.16	20.02	21	1.7
20	256QAM	1	99	19.89	19.93	19.97		
20	256QAM	50	0	20.01	20.13	20.01		
20	256QAM	50	24	19.96	19.98	19.97	21	1.7
20	256QAM	50	50	19.82	19.94	19.87		
20	256QAM	100	0	19.96	20.09	19.92		
Channel				26115	26340	26915	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	21.18	21.25	21.12	22.7	0
15	QPSK	1	37	21.10	21.18	21.11		
15	QPSK	1	74	21.05	21.19	21.07		
15	QPSK	36	0	21.06	21.12	21.11		
15	QPSK	36	20	21.13	21.13	21.01	22.7	0
15	QPSK	36	39	21.07	21.15	21.06		
15	QPSK	75	0	21.01	21.08	21.09		
15	16QAM	1	0	20.97	21.10	20.99	22.7	0
15	16QAM	1	37	21.01	21.08	21.06		
15	16QAM	1	74	21.00	21.05	21.03		
15	16QAM	36	0	21.08	21.13	20.98		
15	16QAM	36	20	20.98	21.03	21.03	22.7	0
15	16QAM	36	39	21.02	21.14	21.04		
15	16QAM	75	0	21.01	21.05	21.10		
15	64QAM	1	0	20.90	21.04	20.84		
15	64QAM	1	37	20.90	21.00	21.01	22.7	0
15	64QAM	1	74	20.98	21.05	21.01		
15	64QAM	36	0	20.93	21.12	21.01		
15	64QAM	36	20	21.04	21.07	21.00	22.7	0
15	64QAM	36	39	20.93	21.06	21.04		
15	64QAM	75	0	21.01	21.08	20.97		
15	256QAM	1	0	19.84	20.02	19.92		
15	256QAM	1	37	19.91	20.10	19.98	21	1.7
15	256QAM	1	74	19.77	19.78	19.91		
15	256QAM	36	0	19.97	20.03	19.94		
15	256QAM	36	20	19.91	19.92	19.92	21	1.7
15	256QAM	36	39	19.72	19.90	19.75		
15	256QAM	75	0	19.89	19.97	19.78		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	21.15	21.26	21.17	22.7	0
10	QPSK	1	25	21.16	21.18	21.08		
10	QPSK	1	49	20.99	21.20	21.16		
10	QPSK	25	0	21.00	21.23	21.00		
10	QPSK	25	12	21.06	21.14	21.04	22.7	0
10	QPSK	25	25	21.02	21.13	21.05		
10	QPSK	50	0	21.01	21.17	21.05		
10	16QAM	1	0	20.98	21.05	20.91		
10	16QAM	1	25	21.07	21.07	21.06	22.7	0
10	16QAM	1	49	21.03	21.03	21.11		
10	16QAM	25	0	21.07	21.06	21.02		
10	16QAM	25	12	21.05	21.04	21.04	22.7	0
10	16QAM	25	25	21.05	21.10	21.08		
10	16QAM	50	0	21.02	21.08	21.11		
10	64QAM	1	0	20.99	21.03	20.89		
10	64QAM	1	25	20.92	21.09	21.01	22.7	0
10	64QAM	1	49	20.98	21.02	20.98		
10	64QAM	25	0	20.98	21.10	20.97		
10	64QAM	25	12	21.09	21.00	20.98	22.7	0
10	64QAM	25	25	21.03	21.10	21.10		
10	64QAM	50	0	21.00	21.05	20.91		
10	256QAM	1	0	19.91	20.02	19.90		
10	256QAM	1	25	19.92	20.07	19.91	21	1.7
10	256QAM	1	49	19.82	19.82	19.86		
10	256QAM	25	0	19.88	20.08	19.87		
10	256QAM	25	12	19.86	19.92	19.88	21	1.7
10	256QAM	25	25	19.77	19.89	19.76		
10	256QAM	50	0	19.83	20.02	19.87		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	21.19	21.22	21.13	22.7	0
5	QPSK	1	12	21.10	21.20	21.16		
5	QPSK	1	24	21.05	21.15	21.11		
5	QPSK	12	0	21.03	21.18	21.05		
5	QPSK	12	7	21.13	21.11	21.01	22.7	0
5	QPSK	12	13	21.07	21.10	21.08		
5	QPSK	25	0	21.01	21.14	21.13		
5	16QAM	1	0	20.96	21.04	20.93		
5	16QAM	1	12	21.01	21.12	21.15	22.7	0
5	16QAM	1	24	21.03	21.10	21.07		
5	16QAM	12	0	21.09	21.07	20.93		
5	16QAM	12	7	21.06	21.12	21.03	22.7	0
5	16QAM	12	13	20.99	21.12	21.00		
5	16QAM	25	0	21.00	21.07	21.09		
5	64QAM	1	0	20.92	21.02	20.85		
5	64QAM	1	12	20.96	21.06	20.99	22.7	0
5	64QAM	1	24	20.99	21.05	20.99		
5	64QAM	12	0	20.89	21.11	20.94		
5	64QAM	12	7	21.06	21.05	20.92	22.7	0
5	64QAM	12	13	20.96	21.11	21.11		
5	64QAM	25	0	20.97	21.06	20.93		
5	256QAM	1	0	19.81	20.06	19.86		
5	256QAM	1	12	19.85	20.09	19.89	21	1.7
5	256QAM	1	24	19.75	19.78	19.91		
5	256QAM	12	0	19.86	19.99	19.90		
5	256QAM	12	7	19.88	19.89	19.88	21	1.7
5	256QAM	12	13	19.71	19.91	19.80		
5	256QAM	25	0	19.83	19.99	19.82		
Channel				26055	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	21.11	21.26	21.06	22.7	0
3	QPSK	1	8	21.13	21.11	21.06		
3	QPSK	1	14	21.07	21.14	21.17		
3	QPSK	8	0	20.99	21.22	21.10		
3	QPSK	8	4	21.09	21.12	20.96	22.7	0
3	QPSK	8	7	21.03	21.07	21.14		
3	QPSK	15	0	21.01	21.16	21.10		
3	16QAM	1	0	20.96	21.12	20.94		
3	16QAM	1	8	20.99	21.16	21.09	22.7	0
3	16QAM	1	14	20.99	21.01	21.00		
3	16QAM	8	0	21.07	21.10	21.01		
3	16QAM	8	4	21.08	21.04	21.03	22.7	0
3	16QAM	8	7	20.98	21.15	21.07		
3	16QAM	15	0	21.04	21.08	21.20		
3	64QAM	1	0	20.97	21.00	20.82		
3	64QAM	1	8	20.89	20.99	20.97	22.7	0
3	64QAM	1	14	21.01	21.07	21.03		
3	64QAM	8	0	20.94	21.07	21.00		
3	64QAM	8	4	21.09	21.04	21.02	22.7	0
3	64QAM	8	7	20.99	21.10	21.03		
3	64QAM	15	0	20.99	21.07	20.90		
3	256QAM	1	0	19.84	20.05	19.89		
3	256QAM	1	8	19.91	20.11	19.88	21	1.7
3	256QAM	1	14	19.84	19.83	19.85		
3	256QAM	8	0	19.91	20.03	19.89		
3	256QAM	8	4	19.90	19.88	19.85	21	1.7
3	256QAM	8	7	19.79	19.88	19.79		
3	256QAM	15	0	19.89	20.00	19.77		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	21.17	21.21	21.07	22.7	0
1.4	QPSK	1	3	21.11	21.19	21.06		
1.4	QPSK	1	5	21.07	21.12	21.04		
1.4	QPSK	3	0	21.09	21.16	20.99		
1.4	QPSK	3	1	21.05	21.10	21.08		
1.4	QPSK	3	3	20.97	21.15	21.09		
1.4	QPSK	6	0	21.04	21.12	21.07	22.7	0
1.4	16QAM	1	0	20.95	21.12	20.96	22.7	0
1.4	16QAM	1	3	21.02	21.07	21.09		
1.4	16QAM	1	5	21.06	21.03	21.02		
1.4	16QAM	3	0	21.07	21.11	20.97		
1.4	16QAM	3	1	21.01	21.08	21.04		
1.4	16QAM	3	3	20.96	21.16	21.05		
1.4	16QAM	6	0	20.99	21.06	21.14	22.7	0
1.4	64QAM	1	0	20.99	21.00	20.88	22.7	0
1.4	64QAM	1	3	20.86	21.04	21.01		
1.4	64QAM	1	5	20.93	21.01	20.92		
1.4	64QAM	3	0	20.94	21.02	20.98		
1.4	64QAM	3	1	21.11	21.02	20.99		
1.4	64QAM	3	3	20.94	21.02	21.07		
1.4	64QAM	6	0	20.96	21.00	20.86	21.7	1
1.4	256QAM	1	0	19.82	20.03	19.95	19.7	3
1.4	256QAM	1	3	19.93	20.12	19.88		
1.4	256QAM	1	5	19.84	19.88	19.89		
1.4	256QAM	3	0	19.95	20.08	19.96		
1.4	256QAM	3	1	19.92	19.89	19.85		
1.4	256QAM	3	3	19.72	19.84	19.75		
1.4	256QAM	6	0	19.93	19.94	19.79	19.7	3

Band 26 Default Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	22.20	22.24	22.17	23	0
15	QPSK	1	37	22.18	22.07	22.14		
15	QPSK	1	74	22.03	22.10	22.05		
15	QPSK	36	0	22.16	22.20	22.05		
15	QPSK	36	20	21.94	21.95	21.99	23	0
15	QPSK	36	39	21.92	21.94	21.91		
15	QPSK	75	0	21.99	22.05	22.02		
15	16QAM	1	0	22.09	22.08	22.10		
15	16QAM	1	37	22.09	22.18	22.18	23	0
15	16QAM	1	74	21.99	22.01	22.10		
15	16QAM	36	0	22.06	22.19	22.06		
15	16QAM	36	20	22.02	22.02	22.06	23	0
15	16QAM	36	39	21.88	21.91	21.87		
15	16QAM	75	0	22.06	22.12	22.04		
15	64QAM	1	0	21.97	22.02	22.07		
15	64QAM	1	37	22.09	22.09	22.04	23	0
15	64QAM	1	74	22.05	22.17	22.05		
15	64QAM	36	0	20.94	21.00	20.97		
15	64QAM	36	20	20.76	20.88	20.89	22	1
15	64QAM	36	39	20.65	20.78	20.80		
15	64QAM	75	0	20.86	20.93	20.78		
15	256QAM	1	0	19.22	19.23	19.24		
15	256QAM	1	37	19.38	19.35	19.25	20	3
15	256QAM	1	74	19.11	19.14	19.06		
15	256QAM	36	0	19.14	19.08	19.14		
15	256QAM	36	20	18.91	18.99	19.02	20	3
15	256QAM	36	39	18.88	18.97	18.99		
15	256QAM	75	0	18.98	18.93	19.05		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.14	22.20	22.10	23	0
10	QPSK	1	25	22.12	22.03	22.08		
10	QPSK	1	49	21.90	21.98	21.99		
10	QPSK	25	0	22.12	22.12	21.96		
10	QPSK	25	12	21.86	21.92	21.90	23	0
10	QPSK	25	25	21.83	21.84	21.91		
10	QPSK	50	0	21.94	21.95	21.92		
10	16QAM	1	0	22.04	22.01	22.05		
10	16QAM	1	25	22.03	22.09	22.09	23	0
10	16QAM	1	49	21.88	21.87	21.96		
10	16QAM	25	0	21.93	22.07	21.96		
10	16QAM	25	12	21.98	21.89	21.94	23	0
10	16QAM	25	25	21.83	21.80	21.82		
10	16QAM	50	0	21.95	21.90	21.90		
10	64QAM	1	0	21.83	21.93	22.00		
10	64QAM	1	25	21.99	22.01	21.90	23	0
10	64QAM	1	49	21.92	22.04	21.97		
10	64QAM	25	0	20.89	20.93	20.87		
10	64QAM	25	12	20.69	20.82	20.75	22	1
10	64QAM	25	25	20.51	20.72	20.71		
10	64QAM	50	0	20.83	20.76	20.79		
10	256QAM	1	0	19.09	19.18	19.17		
10	256QAM	1	25	19.30	19.28	19.20	20	3
10	256QAM	1	49	19.06	19.01	19.00		
10	256QAM	25	0	19.11	19.02	19.01		
10	256QAM	25	12	18.76	18.86	18.97	20	3
10	256QAM	25	25	18.76	18.91	18.88		
10	256QAM	50	0	18.94	18.80	19.01		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.12	22.13	22.13	23	0
5	QPSK	1	12	22.08	22.00	22.02		
5	QPSK	1	24	21.90	22.01	21.92		
5	QPSK	12	0	22.10	22.11	21.98		
5	QPSK	12	7	21.86	21.90	21.90	23	0
5	QPSK	12	13	21.82	21.80	21.83		
5	QPSK	25	0	21.86	21.96	21.90		
5	16QAM	1	0	21.96	22.04	21.99		
5	16QAM	1	12	21.96	22.14	22.14	23	0
5	16QAM	1	24	21.87	21.96	22.06		
5	16QAM	12	0	22.00	22.07	21.92		
5	16QAM	12	7	21.96	21.96	21.97	23	0
5	16QAM	12	13	21.82	21.85	21.77		
5	16QAM	25	0	22.03	22.05	22.00		
5	64QAM	1	0	21.86	21.95	22.01		
5	64QAM	1	12	21.97	21.98	21.90	23	0
5	64QAM	1	24	22.00	22.03	22.02		
5	64QAM	12	0	20.84	20.91	20.82		
5	64QAM	12	7	20.71	20.76	20.84	22	1
5	64QAM	12	13	20.53	20.73	20.71		
5	64QAM	25	0	20.90	20.78	20.77		
5	256QAM	1	0	19.17	19.18	19.09		
5	256QAM	1	12	19.31	19.31	19.18	20	3
5	256QAM	1	24	18.97	19.07	19.01		
5	256QAM	12	0	19.03	18.96	19.03		
5	256QAM	12	7	18.78	18.87	18.88	20	3
5	256QAM	12	13	18.78	18.93	18.93		
5	256QAM	25	0	18.94	18.78	18.97		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.11	22.11	22.09	23	0
3	QPSK	1	8	22.09	22.01	22.09		
3	QPSK	1	14	21.94	22.06	21.91		
3	QPSK	8	0	22.04	22.07	21.99		
3	QPSK	8	4	21.83	21.90	21.92	23	0
3	QPSK	8	7	21.78	21.90	21.87		
3	QPSK	15	0	21.87	21.94	21.89		
3	16QAM	1	0	21.95	22.03	21.97		
3	16QAM	1	8	21.98	22.05	22.04	23	0
3	16QAM	1	14	21.95	21.90	22.06		
3	16QAM	8	0	21.93	22.12	21.97		
3	16QAM	8	4	21.89	21.90	21.97	23	0
3	16QAM	8	7	21.76	21.77	21.91		
3	16QAM	15	0	21.99	21.99	21.92		
3	64QAM	1	0	21.92	21.94	21.94		
3	64QAM	1	8	22.02	21.96	21.89	23	0
3	64QAM	1	14	22.01	22.09	21.97		
3	64QAM	8	0	20.83	20.95	20.84		
3	64QAM	8	4	20.62	20.75	20.83	22	1
3	64QAM	8	7	20.58	20.65	20.75		
3	64QAM	15	0	20.89	20.78	20.74		
3	256QAM	1	0	19.14	19.12	19.17		
3	256QAM	1	8	19.23	19.30	19.13	20	3
3	256QAM	1	14	19.01	19.05	18.93		
3	256QAM	8	0	19.09	18.97	19.05		
3	256QAM	8	4	18.81	18.93	18.92	20	3
3	256QAM	8	7	18.79	18.83	18.94		
3	256QAM	15	0	18.94	18.81	18.93		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.07	22.10	22.11	23	0
1.4	QPSK	1	3	22.11	21.96	22.09		
1.4	QPSK	1	5	21.90	21.99	21.97		
1.4	QPSK	3	0	22.11	22.16	21.92		
1.4	QPSK	3	1	21.82	21.89	21.95		
1.4	QPSK	3	3	21.88	21.85	21.82		
1.4	QPSK	6	0	21.95	21.90	21.97	23	0
1.4	16QAM	1	0	21.97	21.97	21.97	23	0
1.4	16QAM	1	3	21.97	22.08	22.10		
1.4	16QAM	1	5	21.87	21.94	21.97		
1.4	16QAM	3	0	21.91	22.11	21.95		
1.4	16QAM	3	1	21.98	21.98	21.96		
1.4	16QAM	3	3	21.76	21.77	21.76		
1.4	16QAM	6	0	22.02	22.05	21.92	23	0
1.4	64QAM	1	0	21.86	21.95	22.03	23	0
1.4	64QAM	1	3	22.03	21.97	21.96		
1.4	64QAM	1	5	22.00	22.07	21.96		
1.4	64QAM	3	0	21.87	21.95	21.94		
1.4	64QAM	3	1	22.02	22.04	21.95		
1.4	64QAM	3	3	21.91	22.03	21.92		
1.4	64QAM	6	0	20.82	20.86	20.86	22	1
1.4	256QAM	1	0	19.12	19.11	19.13	20	3
1.4	256QAM	1	3	19.20	19.24	19.17		
1.4	256QAM	1	5	19.01	19.03	18.94		
1.4	256QAM	3	0	19.03	19.05	19.02		
1.4	256QAM	3	1	18.84	18.85	18.88		
1.4	256QAM	3	3	18.75	18.86	18.80		
1.4	256QAM	6	0	18.92	18.98	18.86	20	3

Band 30 DSI5_Simultaneous Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		17.11		18.1	0
10	QPSK	1	25		17.10			
10	QPSK	1	49		17.06			
10	QPSK	25	0		17.05			
10	QPSK	25	12		16.96		18.1	0
10	QPSK	25	25		17.03			
10	QPSK	50	0		17.00			
10	16QAM	1	0		16.89			
10	16QAM	1	25		17.04		18.1	0
10	16QAM	1	49		17.01			
10	16QAM	25	0		16.96			
10	16QAM	25	12		17.00		18.1	0
10	16QAM	25	25		17.04			
10	16QAM	50	0		17.01			
10	64QAM	1	0		16.96			
10	64QAM	1	25		16.93		18.1	0
10	64QAM	1	49		16.90			
10	64QAM	25	0		16.95			
10	64QAM	25	12		16.97		18.1	0
10	64QAM	25	25		17.02			
10	64QAM	50	0		16.89			
10	256QAM	1	0		16.95			
10	256QAM	1	25		16.94		18.1	0
10	256QAM	1	49		16.81			
10	256QAM	25	0		16.90			
10	256QAM	25	12		16.86		18.1	0
10	256QAM	25	25		16.89			
10	256QAM	50	0		17.03			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	17.04	17.07	17.01	18.1	0
5	QPSK	1	12	17.03	17.05	16.95		
5	QPSK	1	24	16.89	16.96	16.98		
5	QPSK	12	0	16.95	16.92	16.91	18.1	0
5	QPSK	12	7	16.85	16.89	16.90		
5	QPSK	12	13	16.88	16.92	16.84		
5	QPSK	25	0	16.96	16.88	16.86		
5	16QAM	1	0	16.80	16.85	16.78	18.1	0
5	16QAM	1	12	16.96	16.99	16.90		
5	16QAM	1	24	16.89	16.88	16.96		
5	16QAM	12	0	16.81	16.92	16.82	18.1	0
5	16QAM	12	7	16.87	16.95	16.85		
5	16QAM	12	13	16.90	16.98	16.93		
5	16QAM	25	0	16.88	16.89	16.90		
5	64QAM	1	0	16.83	16.82	16.85	18.1	0
5	64QAM	1	12	16.89	16.80	16.79		
5	64QAM	1	24	16.80	16.77	16.76		
5	64QAM	12	0	16.86	16.85	16.90	18.1	0
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Band 38 DSI5_Simultaneous Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2596	2610		
20	QPSK	1	0	18.50	18.60	18.44	19.9	0
20	QPSK	1	49	18.51	18.55	18.31		
20	QPSK	1	99	18.48	18.50	18.45		
20	QPSK	50	0	18.40	18.50	18.32		
20	QPSK	50	24	18.25	18.41	18.33		
20	QPSK	50	50	18.44	18.37	18.38		
20	QPSK	100	0	18.29	18.39	18.38		
20	16QAM	1	0	18.36	18.47	18.32		
20	16QAM	1	49	18.43	18.35	18.24		
20	16QAM	1	99	18.36	18.47	18.23		
20	16QAM	50	0	18.26	18.48	18.40		
20	16QAM	50	24	18.26	18.47	18.21		
20	16QAM	50	50	18.25	18.38	18.23		
20	16QAM	100	0	18.38	18.23	18.36		
20	64QAM	1	0	18.25	18.36	18.39		
20	64QAM	1	49	18.36	18.41	18.48		
20	64QAM	1	99	18.33	18.39	18.32		
20	64QAM	50	0	18.44	18.47	18.35		
20	64QAM	50	24	18.34	18.49	18.20		
20	64QAM	50	50	18.42	18.39	18.23		
20	64QAM	100	0	18.37	18.56	18.24		
20	256QAM	1	0	18.39	18.37	18.51		
20	256QAM	1	49	18.32	18.49	18.43		
20	256QAM	1	99	18.32	18.55	18.29		
20	256QAM	50	0	18.32	18.40	18.34		
20	256QAM	50	24	18.49	18.48	18.31		
20	256QAM	50	50	18.29	18.36	18.27		
20	256QAM	100	0	18.42	18.38	18.20		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2596	2612.5		
15	QPSK	1	0	18.43	18.51	18.36	19.9	0
15	QPSK	1	37	18.46	18.51	18.25		
15	QPSK	1	74	18.41	18.43	18.36		
15	QPSK	36	0	18.34	18.40	18.29		
15	QPSK	36	20	18.18	18.33	18.30		
15	QPSK	36	39	18.40	18.35	18.31		
15	QPSK	75	0	18.22	18.32	18.36		
15	16QAM	1	0	18.31	18.44	18.23		
15	16QAM	1	37	18.35	18.29	18.15		
15	16QAM	1	74	18.31	18.38	18.17		
15	16QAM	36	0	18.18	18.38	18.34		
15	16QAM	36	20	18.23	18.40	18.17		
15	16QAM	36	39	18.22	18.34	18.16		
15	16QAM	75	0	18.36	18.15	18.27		
15	64QAM	1	0	18.17	18.30	18.30		
15	64QAM	1	37	18.30	18.34	18.39		
15	64QAM	1	74	18.29	18.36	18.22		
15	64QAM	36	0	18.36	18.40	18.28		
15	64QAM	36	20	18.31	18.44	18.18		
15	64QAM	36	39	18.34	18.31	18.18		
15	64QAM	75	0	18.33	18.48	18.14		
15	256QAM	1	0	18.30	18.28	18.46		
15	256QAM	1	37	18.26	18.42	18.39		
15	256QAM	1	74	18.22	18.49	18.23		
15	256QAM	36	0	18.28	18.34	18.29		
15	256QAM	36	20	18.43	18.43	18.26		
15	256QAM	36	39	18.22	18.33	18.17		
15	256QAM	75	0	18.39	18.33	18.15		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2596	2615		
10	QPSK	1	0	18.40	18.50	18.35	19.9	0
10	QPSK	1	25	18.49	18.49	18.28		
10	QPSK	1	49	18.45	18.42	18.41		
10	QPSK	25	0	18.32	18.43	18.23		
10	QPSK	25	12	18.23	18.32	18.28		
10	QPSK	25	25	18.42	18.34	18.32		
10	QPSK	50	0	18.20	18.33	18.29		
10	16QAM	1	0	18.27	18.38	18.26		
10	16QAM	1	25	18.36	18.29	18.15		
10	16QAM	1	49	18.28	18.43	18.15		
10	16QAM	25	0	18.23	18.42	18.36		
10	16QAM	25	12	18.22	18.41	18.12		
10	16QAM	25	25	18.22	18.35	18.19		
10	16QAM	50	0	18.35	18.20	18.32		
10	64QAM	1	0	18.19	18.32	18.29		
10	64QAM	1	25	18.29	18.36	18.41		
10	64QAM	1	49	18.25	18.34	18.24		
10	64QAM	25	0	18.37	18.39	18.28		
10	64QAM	25	12	18.28	18.44	18.10		
10	64QAM	25	25	18.33	18.31	18.14		
10	64QAM	50	0	18.28	18.48	18.20		
10	256QAM	1	0	18.29	18.33	18.48		
10	256QAM	1	25	18.25	18.44	18.36		
10	256QAM	1	49	18.26	18.48	18.23		
10	256QAM	25	0	18.25	18.35	18.31		
10	256QAM	25	12	18.45	18.46	18.24		
10	256QAM	25	25	18.23	18.28	18.20		
10	256QAM	50	0	18.33	18.35	18.17		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2596	2617.5		
5	QPSK	1	0	18.47	18.54	18.38	19.9	0
5	QPSK	1	12	18.43	18.49	18.25		
5	QPSK	1	24	18.46	18.40	18.38		
5	QPSK	12	0	18.33	18.42	18.27		
5	QPSK	12	7	18.15	18.33	18.30		
5	QPSK	12	13	18.40	18.33	18.29		
5	QPSK	25	0	18.27	18.35	18.35		
5	16QAM	1	0	18.28	18.44	18.26		
5	16QAM	1	12	18.41	18.26	18.19		
5	16QAM	1	24	18.29	18.38	18.18		
5	16QAM	12	0	18.20	18.40	18.31		
5	16QAM	12	7	18.18	18.38	18.16		
5	16QAM	12	13	18.16	18.34	18.16		
5	16QAM	25	0	18.30	18.15	18.32		
5	64QAM	1	0	18.18	18.29	18.37		
5	64QAM	1	12	18.28	18.33	18.44		
5	64QAM	1	24	18.25	18.35	18.25		
5	64QAM	12	0	18.40	18.43	18.25		
5	64QAM	12	7	18.30	18.43	18.10		
5	64QAM	12	13	18.36	18.36	18.21		
5	64QAM	25	0	18.28	18.47	18.15		
5	256QAM	1	0	18.36	18.29	18.44		
5	256QAM	1	12	18.25	18.40	18.41		
5	256QAM	1	24	18.23	18.46	18.25		
5	256QAM	12	0	18.27	18.37	18.25		
5	256QAM	12	7	18.39	18.41	18.28		
5	256QAM	12	13	18.24	18.30	18.20		
5	256QAM	25	0	18.40	18.32	18.15		

Band 41 PC3 FCC&IC DSI5_Simultaneous Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	18.59	18.73	18.78	18.56	18.69	19.9	0
20	QPSK	1	49	18.48	18.53	18.72	18.67	18.43		
20	QPSK	1	99	18.46	18.66	18.50	18.43	18.46		
20	QPSK	50	0	18.38	18.45	18.73	18.51	18.45		
20	QPSK	50	24	18.24	18.36	18.42	18.32	18.51		
20	QPSK	50	50	18.44	18.54	18.58	18.52	18.46		
20	QPSK	100	0	18.30	18.55	18.64	18.61	18.44		
20	16QAM	1	0	18.58	18.51	18.38	18.42	18.29		
20	16QAM	1	49	18.42	18.38	18.35	18.32	18.21		
20	16QAM	1	99	18.23	18.56	18.56	18.35	18.41		
20	16QAM	50	0	18.31	18.50	18.71	18.59	18.47		
20	16QAM	50	24	18.42	18.46	18.67	18.48	18.39		
20	16QAM	50	50	18.43	18.33	18.46	18.36	18.44		
20	16QAM	100	0	18.17	18.36	18.49	18.44	18.43		
20	64QAM	1	0	18.44	18.35	18.49	18.59	18.27		
20	64QAM	1	49	18.40	18.52	18.41	18.32	18.37		
20	64QAM	1	99	18.46	18.46	18.59	18.43	18.46		
20	64QAM	50	0	18.33	18.44	18.54	18.50	18.24		
20	64QAM	50	24	18.36	18.46	18.59	18.60	18.44		
20	64QAM	50	50	18.27	18.35	18.51	18.43	18.25		
20	64QAM	100	0	18.24	18.35	18.53	18.62	18.13		
20	256QAM	1	0	18.60	18.53	18.69	18.55	18.61	19	0.9
20	256QAM	1	49	18.54	18.52	18.69	18.54	18.64		
20	256QAM	1	99	18.48	18.38	18.52	18.51	18.42		
20	256QAM	50	0	18.64	18.56	18.67	18.58	18.53		
20	256QAM	50	24	18.36	18.50	18.50	18.50	18.39		
20	256QAM	50	50	18.32	18.45	18.46	18.42	18.31		
20	256QAM	100	0	18.67	18.56	18.71	18.60	18.63		
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	18.56	18.69	18.72	18.46	18.64	19.90	0
15	QPSK	1	37	18.45	18.47	18.65	18.64	18.39		
15	QPSK	1	74	18.36	18.59	18.45	18.36	18.41		
15	QPSK	36	0	18.31	18.39	18.68	18.43	18.36	19.9	0
15	QPSK	36	20	18.22	18.29	18.34	18.27	18.46		
15	QPSK	36	39	18.38	18.50	18.50	18.49	18.39		
15	QPSK	75	0	18.21	18.53	18.54	18.56	18.38		
15	16QAM	1	0	18.56	18.44	18.33	18.33	18.27	19.9	0
15	16QAM	1	37	18.35	18.33	18.32	18.27	18.17		
15	16QAM	1	74	18.18	18.48	18.49	18.27	18.33		
15	16QAM	36	0	18.27	18.47	18.62	18.52	18.40	19.9	0
15	16QAM	36	20	18.34	18.41	18.59	18.43	18.31		
15	16QAM	36	39	18.41	18.29	18.41	18.31	18.41		
15	16QAM	75	0	18.13	18.26	18.45	18.39	18.39		
15	64QAM	1	0	18.37	18.31	18.40	18.52	18.24	19.9	0
15	64QAM	1	37	18.35	18.50	18.33	18.23	18.30		
15	64QAM	1	74	18.38	18.37	18.49	18.41	18.38		
15	64QAM	36	0	18.27	18.40	18.44	18.40	18.17	19.9	0
15	64QAM	36	20	18.33	18.40	18.51	18.54	18.38		
15	64QAM	36	39	18.19	18.30	18.46	18.35	18.16		
15	64QAM	75	0	18.19	18.32	18.49	18.53	18.06		
15	256QAM	1	0	18.56	18.41	18.60	18.42	18.53	19	0.9
15	256QAM	1	37	18.50	18.40	18.64	18.47	18.59		
15	256QAM	1	74	18.44	18.29	18.48	18.38	18.37		
15	256QAM	36	0	18.54	18.46	18.54	18.54	18.50	19	0.9
15	256QAM	36	20	18.29	18.43	18.40	18.37	18.30		
15	256QAM	36	39	18.20	18.38	18.41	18.29	18.21		
15	256QAM	75	0	18.64	18.45	18.59	18.47	18.50		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	18.57	18.67	18.66	18.46	18.65	19.90	0
10	QPSK	1	25	18.44	18.51	18.64	18.61	18.34		
10	QPSK	1	49	18.38	18.61	18.42	18.38	18.38		
10	QPSK	25	0	18.29	18.37	18.63	18.46	18.39	19.9	0
10	QPSK	25	12	18.19	18.30	18.36	18.30	18.45		
10	QPSK	25	25	18.36	18.51	18.54	18.49	18.38		
10	QPSK	50	0	18.24	18.48	18.61	18.58	18.36		
10	16QAM	1	0	18.54	18.46	18.29	18.40	18.25	19.9	0
10	16QAM	1	25	18.39	18.32	18.30	18.22	18.14		
10	16QAM	1	49	18.15	18.49	18.48	18.30	18.33		
10	16QAM	25	0	18.24	18.42	18.61	18.50	18.38	19.9	0
10	16QAM	25	12	18.38	18.38	18.59	18.40	18.30		
10	16QAM	25	25	18.35	18.30	18.44	18.29	18.41		
10	16QAM	50	0	18.14	18.27	18.41	18.38	18.40		
10	64QAM	1	0	18.40	18.26	18.40	18.56	18.24	19.9	0
10	64QAM	1	25	18.33	18.46	18.37	18.26	18.33		
10	64QAM	1	49	18.36	18.40	18.54	18.34	18.37		
10	64QAM	25	0	18.28	18.35	18.52	18.47	18.17	19.9	0
10	64QAM	25	12	18.32	18.37	18.54	18.57	18.36		
10	64QAM	25	25	18.22	18.32	18.45	18.41	18.21		
10	64QAM	50	0	18.20	18.29	18.44	18.52	18.08		
10	256QAM	1	0	18.47	18.44	18.66	18.51	18.51	19	0.9
10	256QAM	1	25	18.47	18.41	18.61	18.48	18.53		
10	256QAM	1	49	18.40	18.27	18.42	18.44	18.32		
10	256QAM	25	0	18.52	18.45	18.61	18.55	18.47	19	0.9
10	256QAM	25	12	18.29	18.46	18.42	18.47	18.34		
10	256QAM	25	25	18.22	18.42	18.37	18.36	18.29		
10	256QAM	50	0	18.53	18.50	18.59	18.53	18.52		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	18.53	18.70	18.65	18.49	18.66	19.90	0
5	QPSK	1	12	18.43	18.44	18.64	18.61	18.36		
5	QPSK	1	24	18.39	18.64	18.40	18.36	18.37		
5	QPSK	12	0	18.31	18.39	18.63	18.47	18.38	19.9	0
5	QPSK	12	7	18.14	18.31	18.39	18.23	18.45		
5	QPSK	12	13	18.38	18.47	18.53	18.46	18.40		
5	QPSK	25	0	18.26	18.46	18.56	18.54	18.36		
5	16QAM	1	0	18.51	18.44	18.30	18.38	18.21	19.9	0
5	16QAM	1	12	18.39	18.29	18.31	18.27	18.16		
5	16QAM	1	24	18.16	18.48	18.52	18.27	18.34		
5	16QAM	12	0	18.26	18.47	18.61	18.49	18.40	19.9	0
5	16QAM	12	7	18.36	18.44	18.61	18.38	18.33		
5	16QAM	12	13	18.36	18.31	18.38	18.29	18.34		
5	16QAM	25	0	18.13	18.26	18.41	18.40	18.37	19.9	0
5	64QAM	1	0	18.42	18.26	18.45	18.52	18.18		
5	64QAM	1	12	18.37	18.49	18.35	18.29	18.32		
5	64QAM	1	24	18.41	18.39	18.52	18.38	18.38		
5	64QAM	12	0	18.26	18.36	18.52	18.44	18.15	19.9	0
5	64QAM	12	7	18.31	18.56	18.56	18.58	18.37		
5	64QAM	12	13	18.24	18.28	18.45	18.39	18.19		
5	64QAM	25	0	18.22	18.29	18.44	18.55	18.08		
5	256QAM	1	0	18.47	18.40	18.58	18.49	18.52	19	0.9
5	256QAM	1	12	18.40	18.45	18.61	18.44	18.54		
5	256QAM	1	24	18.43	18.35	18.45	18.38	18.35		
5	256QAM	12	0	18.52	18.52	18.58	18.46	18.42	19	0.9
5	256QAM	12	7	18.33	18.46	18.42	18.46	18.32		
5	256QAM	12	13	18.27	18.43	18.34	18.36	18.21		
5	256QAM	25	0	18.59	18.47	18.62	18.56	18.50		

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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	2548.5	2593	2636.5	2680		
20	QPSK	1	0	20.14	20.22	20.31	20.19	20.10	21.5	0
20	QPSK	1	49	20.00	20.19	20.02	19.99	20.07		
20	QPSK	1	99	20.08	20.05	20.06	20.07	19.96		
20	QPSK	50	0	19.89	19.88	20.22	20.12	19.89	21.5	0
20	QPSK	50	24	19.73	19.84	19.97	19.91	19.91		
20	QPSK	50	50	19.85	20.04	19.99	20.00	19.94		
20	QPSK	100	0	19.97	19.95	20.07	19.91	19.92		
20	16QAM	1	0	19.95	20.15	20.16	19.89	19.78	21.5	0
20	16QAM	1	49	19.83	19.89	20.06	19.92	19.76		
20	16QAM	1	99	19.89	19.91	19.90	19.89	19.91		
20	16QAM	50	0	19.89	20.07	20.20	20.02	19.94	21.5	0
20	16QAM	50	24	19.86	20.04	20.12	20.04	19.92		
20	16QAM	50	50	19.80	20.08	20.13	19.79	19.97		
20	16QAM	100	0	19.80	19.84	19.98	19.79	19.83		
20	64QAM	1	0	19.94	19.77	20.05	20.12	19.73	21.5	0
20	64QAM	1	49	19.97	19.90	19.95	19.81	19.92		
20	64QAM	1	99	19.80	19.83	20.05	20.04	19.84		
20	64QAM	50	0	19.87	20.10	20.09	20.09	19.79	21.5	0
20	64QAM	50	24	19.92	19.87	20.17	19.99	20.00		
20	64QAM	50	50	19.73	19.84	20.05	19.86	19.99		
20	64QAM	100	0	19.86	19.90	20.13	19.98	19.88		
20	256QAM	1	0	19.76	19.98	20.19	20.09	19.92	21.5	0
20	256QAM	1	49	19.91	19.78	20.07	20.05	19.80		
20	256QAM	1	99	19.80	19.90	19.97	19.78	19.84		
20	256QAM	50	0	19.80	19.94	20.12	19.77	19.94	21.5	0
20	256QAM	50	24	19.88	19.80	20.14	19.94	19.81		
20	256QAM	50	50	19.81	19.91	19.95	19.96	19.90		
20	256QAM	100	0	19.74	20.02	20.12	20.00	19.86		
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	20.11	20.19	20.24	20.13	20.08	21.50	0
15	QPSK	1	37	19.97	20.13	19.97	19.93	19.99		
15	QPSK	1	74	19.98	20.00	20.02	19.98	19.87		
15	QPSK	36	0	19.83	19.83	20.15	20.08	19.85	21.5	0
15	QPSK	36	20	19.71	19.76	19.89	19.87	19.85		
15	QPSK	36	39	19.78	20.02	19.97	19.96	19.91		
15	QPSK	75	0	19.88	19.92	20.03	19.85	19.89		
15	16QAM	1	0	19.88	20.08	20.07	19.81	19.75	21.5	0
15	16QAM	1	37	19.79	19.86	20.04	19.86	19.71		
15	16QAM	1	74	19.80	19.86	19.83	19.82	19.86		
15	16QAM	36	0	19.86	20.02	20.14	20.00	19.87	21.5	0
15	16QAM	36	20	19.82	19.99	20.06	19.98	19.86		
15	16QAM	36	39	19.71	20.05	20.03	19.76	19.91		
15	16QAM	75	0	19.73	19.75	19.91	19.74	19.74		
15	64QAM	1	0	19.88	19.74	19.97	20.09	19.69	21.5	0
15	64QAM	1	37	19.89	19.88	19.92	19.77	19.89		
15	64QAM	1	74	19.74	19.73	19.95	20.00	19.76		
15	64QAM	36	0	19.85	20.00	19.99	20.01	19.69	21.5	0
15	64QAM	36	20	19.85	19.78	20.08	19.93	19.90		
15	64QAM	36	39	19.69	19.76	19.96	19.83	19.90		
15	64QAM	75	0	19.79	19.87	20.07	19.92	19.83		
15	256QAM	1	0	19.72	19.90	20.14	20.05	19.88	21.5	0
15	256QAM	1	37	19.84	19.70	20.05	20.00	19.77		
15	256QAM	1	74	19.77	19.85	19.95	19.71	19.78		
15	256QAM	36	0	19.77	19.87	20.04	19.69	19.84	21.5	0
15	256QAM	36	20	19.83	19.70	20.09	19.89	19.72		
15	256QAM	36	39	19.78	19.88	19.91	19.86	19.87		
15	256QAM	75	0	19.69	19.94	20.03	19.92	19.77		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	20.07	20.18	20.28	20.17	20.04	21.50	0
10	QPSK	1	25	19.98	20.11	19.95	19.95	20.02		
10	QPSK	1	49	20.06	20.02	19.98	19.99	19.89		
10	QPSK	25	0	19.82	19.79	20.14	20.02	19.84	21.5	0
10	QPSK	25	12	19.66	19.81	19.93	19.87	19.86		
10	QPSK	25	25	19.76	19.98	19.94	19.97	19.90		
10	QPSK	50	0	19.90	19.93	20.04	19.81	19.89		
10	16QAM	1	0	19.88	20.07	20.07	19.86	19.71	21.5	0
10	16QAM	1	25	19.81	19.82	20.02	19.82	19.73		
10	16QAM	1	49	19.82	19.84	19.86	19.82	19.87		
10	16QAM	25	0	19.86	19.99	20.11	19.99	19.91	21.5	0
10	16QAM	25	12	19.79	20.01	20.10	19.96	19.87		
10	16QAM	25	25	19.74	20.02	20.07	19.70	19.91		
10	16QAM	50	0	19.72	19.76	19.90	19.72	19.79		
10	64QAM	1	0	19.85	19.68	20.02	20.06	19.68	21.5	0
10	64QAM	1	25	19.91	19.82	19.90	19.73	19.89		
10	64QAM	1	49	19.70	19.78	20.02	19.99	19.76		
10	64QAM	25	0	19.82	20.05	20.02	20.06	19.70	21.5	0
10	64QAM	25	12	19.84	19.77	20.13	19.97	19.97		
10	64QAM	25	25	19.63	19.77	20.01	19.78	19.97		
10	64QAM	50	0	19.80	19.87	20.04	19.89	19.80		
10	256QAM	1	0	19.73	19.92	20.16	20.03	19.85	21.5	0
10	256QAM	1	25	19.87	19.70	19.99	19.96	19.70		
10	256QAM	1	49	19.72	19.87	19.91	19.73	19.81		
10	256QAM	25	0	19.76	19.91	20.08	19.69	19.91	21.5	0
10	256QAM	25	12	19.80	19.75	20.05	19.86	19.72		
10	256QAM	25	25	19.76	19.81	19.95	19.94	19.83		
10	256QAM	50	0	19.66	19.95	20.05	19.97	19.80		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	20.05	20.20	20.25	20.13	20.07	21.50	0
5	QPSK	1	12	19.92	20.14	19.93	19.94	20.04		
5	QPSK	1	24	20.00	19.96	19.98	20.00	19.93		
5	QPSK	12	0	19.86	19.78	20.15	20.09	19.80	21.5	0
5	QPSK	12	7	19.68	19.79	19.87	19.87	19.85		
5	QPSK	12	13	19.78	20.01	19.92	19.95	19.90		
5	QPSK	25	0	19.91	19.87	19.99	19.88	19.88		
5	16QAM	1	0	19.89	20.08	20.13	19.86	19.68	21.5	0
5	16QAM	1	12	19.76	19.80	20.04	19.89	19.70		
5	16QAM	1	24	19.85	19.86	19.84	19.82	19.87		
5	16QAM	12	0	19.84	20.05	20.18	19.93	19.86	21.5	0
5	16QAM	12	7	19.84	19.97	20.05	20.02	19.83		
5	16QAM	12	13	19.73	20.03	20.05	19.73	19.89		
5	16QAM	25	0	19.71	19.76	19.91	19.74	19.81		
5	64QAM	1	0	19.89	19.74	19.98	20.04	19.68	21.5	0
5	64QAM	1	12	19.93	19.86	19.89	19.71	19.86		
5	64QAM	1	24	19.76	19.75	19.96	19.96	19.81		
5	64QAM	12	0	19.80	20.08	20.02	20.05	19.70	21.5	0
5	64QAM	12	7	19.87	19.79	20.08	19.92	19.94		
5	64QAM	12	13	19.68	19.76	19.96	19.82	19.91		
5	64QAM	25	0	19.83	19.82	20.08	19.95	19.82		
5	256QAM	1	0	19.72	19.92	20.13	20.05	19.84	21.5	0
5	256QAM	1	12	19.87	19.69	19.99	19.99	19.72		
5	256QAM	1	24	19.71	19.81	19.89	19.70	19.80		
5	256QAM	12	0	19.71	19.87	20.04	19.74	19.88	21.5	0
5	256QAM	12	7	19.79	19.78	20.12	19.92	19.74		
5	256QAM	12	13	19.77	19.85	19.91	19.90	19.81		
5	256QAM	25	0	19.67	19.98	20.07	19.93	19.78		

Band 48 DSI5_Simultaneous Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3680	3609	3641	3690		
20	QPSK	1	0	18.73	19.15	18.93	18.91	19.9	0
20	QPSK	1	49	18.75	18.98	18.75	18.81		
20	QPSK	1	99	18.65	18.95	18.79	18.83		
20	QPSK	50	0	18.85	19.01	18.83	18.85		
20	QPSK	50	24	18.83	18.70	18.81	18.76		
20	QPSK	50	50	18.71	18.80	18.67	18.67		
20	QPSK	100	0	18.80	18.89	18.74	18.87		
20	16QAM	1	0	18.85	19.05	18.84	18.78	19.9	0
20	16QAM	1	49	18.66	18.77	18.80	18.70		
20	16QAM	1	99	18.62	18.83	18.63	18.61		
20	16QAM	50	0	18.94	19.00	18.98	19.01	19.9	0
20	16QAM	50	24	18.93	18.95	18.83	19.04		
20	16QAM	50	50	18.89	18.94	18.92	18.84		
20	16QAM	100	0	18.86	19.12	19.04	18.94		
20	64QAM	1	0	18.84	18.95	19.04	18.98	19.9	0
20	64QAM	1	49	18.75	18.91	18.93	18.94		
20	64QAM	1	99	18.89	18.82	18.90	18.63		
20	64QAM	50	0	19.00	19.02	19.04	19.07	19.5	0.4
20	64QAM	50	24	18.98	18.97	18.97	18.89		
20	64QAM	50	50	18.90	18.97	18.88	18.87		
20	64QAM	100	0	18.82	18.98	18.91	18.92		
20	256QAM	1	0	16.91	17.07	16.92	16.95	17.5	2.4
20	256QAM	1	49	16.82	17.07	16.83	16.95		
20	256QAM	1	99	16.86	16.83	16.83	16.79		
20	256QAM	50	0	16.99	17.15	17.06	17.02	17.5	2.4
20	256QAM	50	24	16.91	17.01	16.99	16.92		
20	256QAM	50	50	16.92	16.99	16.91	16.94		
20	256QAM	100	0	17.08	17.22	17.03	17.17		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	18.64	18.96	18.88	18.95	19.9	0
15	QPSK	1	37	18.52	18.82	18.82	18.75		
15	QPSK	1	74	18.49	18.73	18.78	18.57		
15	QPSK	36	0	18.68	18.88	18.79	18.90	19.9	0
15	QPSK	36	20	18.57	18.73	18.61	18.54		
15	QPSK	36	39	18.66	18.74	18.69	18.62		
15	QPSK	75	0	18.69	18.92	18.57	18.74		
15	16QAM	1	0	18.78	18.91	18.72	18.70	19.9	0
15	16QAM	1	37	18.57	18.55	18.70	18.52		
15	16QAM	1	74	18.55	18.67	18.60	18.68		
15	16QAM	36	0	18.90	18.91	18.97	18.79	19.9	0
15	16QAM	36	20	18.87	18.81	18.89	18.76		
15	16QAM	36	39	18.65	18.86	18.67	18.77		
15	16QAM	75	0	18.89	18.85	18.81	18.96		
15	64QAM	1	0	18.86	18.99	18.81	18.91	19.9	0
15	64QAM	1	37	18.61	18.74	18.65	18.89		
15	64QAM	1	74	18.84	18.79	18.76	18.57		
15	64QAM	36	0	18.86	19.11	18.97	18.93	19.5	0.4
15	64QAM	36	20	18.85	18.93	18.89	18.85		
15	64QAM	36	39	18.78	18.85	18.74	18.81		
15	64QAM	75	0	18.79	18.88	18.86	18.78		
15	256QAM	1	0	16.81	17.03	16.79	16.91	17.5	2.4
15	256QAM	1	37	16.67	17.01	16.74	16.81		
15	256QAM	1	74	16.77	16.68	16.73	16.73		
15	256QAM	36	0	16.90	17.03	17.02	16.91	17.5	2.4
15	256QAM	36	20	16.87	16.94	16.95	16.87		
15	256QAM	36	39	16.79	16.92	16.93	16.91		
15	256QAM	75	0	17.03	17.10	16.90	17.11		
Channel				55290	55815	56155	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3556	3607.5	3642.5	3695		
10	QPSK	1	0	18.59	19.01	19.02	18.83	19.9	0
10	QPSK	1	25	18.53	18.83	18.78	18.71		
10	QPSK	1	49	18.56	18.84	18.60	18.62		
10	QPSK	25	0	18.71	18.87	18.83	18.83	19.9	0
10	QPSK	25	12	18.57	18.72	18.72	18.58		
10	QPSK	25	25	18.71	18.79	18.63	18.64		
10	QPSK	50	0	18.75	18.82	18.67	18.75		
10	16QAM	1	0	18.67	18.76	18.67	18.67	19.9	0
10	16QAM	1	25	18.68	18.51	18.59	18.46		
10	16QAM	1	49	18.48	18.55	18.65	18.54		
10	16QAM	25	0	18.87	19.01	18.94	18.98	19.9	0
10	16QAM	25	12	18.83	18.92	18.86	18.79		
10	16QAM	25	25	18.79	18.77	18.78	18.60		
10	16QAM	50	0	18.86	18.98	18.85	18.87		
10	64QAM	1	0	18.86	18.93	18.86	18.95	19.9	0
10	64QAM	1	25	18.71	18.71	18.89	18.79		
10	64QAM	1	49	18.78	18.72	18.65	18.71		
10	64QAM	25	0	18.89	19.08	18.95	18.94	19.5	0.4
10	64QAM	25	12	18.88	18.82	18.83	18.85		
10	64QAM	25	25	18.76	18.88	18.75	18.84		
10	64QAM	50	0	18.69	18.94	18.80	18.84		
10	256QAM	1	0	16.82	16.96	16.84	16.87	17.5	2.4
10	256QAM	1	25	16.77	16.93	16.77	16.81		
10	256QAM	1	49	16.83	16.72	16.70	16.71		
10	256QAM	25	0	16.89	17.02	16.98	16.94	17.5	2.4
10	256QAM	25	12	16.88	16.96	16.92	16.78		
10	256QAM	25	25	16.79	16.86	16.81	16.81		
10	256QAM	50	0	16.98	17.17	16.89	17.05		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	18.57	18.96	18.79	18.77	19.9	0
5	QPSK	1	12	18.67	18.72	18.69	18.58		
5	QPSK	1	24	18.49	18.72	18.63	18.52		
5	QPSK	12	0	18.70	18.84	18.84	18.84	19.9	0
5	QPSK	12	7	18.75	18.68	18.66	18.78		
5	QPSK	12	13	18.64	18.70	18.60	18.70		
5	QPSK	25	0	18.61	18.72	18.61	18.76		
5	16QAM	1	0	18.69	18.87	18.57	18.68	19.9	0
5	16QAM	1	12	18.64	18.71	18.79	18.53		
5	16QAM	1	24	18.60	18.75	18.59	18.43		
5	16QAM	12	0	18.89	19.07	18.80	18.89	19.9	0
5	16QAM	12	7	18.73	18.97	18.95	18.93		
5	16QAM	12	13	18.58	18.86	18.72	18.63		
5	16QAM	25	0	18.76	18.96	18.80	18.73		
5	64QAM	1	0	18.95	18.90	18.77	18.90	19.9	0
5	64QAM	1	12	18.72	18.83	18.72	18.77		
5	64QAM	1	24	18.73	18.77	18.65	18.56		
5	64QAM	12	0	18.95	19.03	18.99	18.99	19.5	0.4
5	64QAM	12	7	18.92	18.82	18.89	18.82		
5	64QAM	12	13	18.81	18.90	18.80	18.83		
5	64QAM	25	0	18.67	18.95	18.77	18.87		
5	256QAM	1	0	16.87	17.03	16.80	16.87	17.5	2.4
5	256QAM	1	12	16.70	16.92	16.69	16.83		
5	256QAM	1	24	16.73	16.76	16.73	16.71		
5	256QAM	12	0	16.94	17.02	16.92	16.94	17.5	2.4
5	256QAM	12	7	16.84	16.93	16.85	16.85		
5	256QAM	12	13	16.82	16.85	16.80	16.79		
5	256QAM	25	0	17.01	17.14	16.97	17.10		

S/N	GSM1900 Ant3	DSIS_Simultaneous							
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		29.54	29.61	29.50	30.50	20.54	20.61	20.50	21.50
GPRS 1 Tx slot		29.47	29.56	29.45	30.50	20.47	20.56	20.45	21.50
GPRS 2 Tx slots		26.78	26.84	26.79	28.00	20.78	20.84	20.79	22.00
GPRS 3 Tx slots		25.17	25.32	25.25	26.30	20.91	21.06	20.99	22.04
GPRS 4 Tx slots		22.89	22.97	22.90	24.50	19.89	19.97	19.90	21.50
EDGE 1 Tx slot		25.06	25.13	24.99	26.00	16.06	16.13	15.99	17.00
EDGE 2 Tx slots		23.33	23.43	23.40	24.50	17.33	17.43	17.40	18.50
EDGE 3 Tx slots		22.21	22.35	22.25	23.50	17.95	18.09	17.99	19.24
EDGE 4 Tx slots		20.13	20.18	20.06	21.00	17.13	17.18	17.06	18.00

		DSIS_Simultaneous WCDMA II Ant3				DSIS_Simultaneous WCDMA IV Ant3			
Band		WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	22.03	22.18	22.13	23.00	20.20	20.34	20.32	21.70
3GPP Rel 99	RMC 12.2Kbps	22.11	22.22	22.17	23.00	20.34	20.48	20.37	21.70
3GPP Rel 6	HSDPA Subtest-1	21.12	21.24	21.17	22.00	19.30	19.44	19.47	20.70
3GPP Rel 6	HSDPA Subtest-2	21.18	21.23	21.03	22.00	19.33	19.52	19.24	20.70
3GPP Rel 6	HSDPA Subtest-3	20.76	20.85	20.65	21.50	19.01	18.86	18.80	20.20
3GPP Rel 6	HSDPA Subtest-4	20.57	20.83	20.73	21.50	18.81	18.94	18.93	20.20
3GPP Rel 8	DC-HSDPA Subtest-1	21.14	21.22	21.05	22.00	19.34	19.52	19.36	20.70
3GPP Rel 8	DC-HSDPA Subtest-2	21.16	21.18	21.26	22.00	19.32	19.43	19.44	20.70
3GPP Rel 8	DC-HSDPA Subtest-3	20.51	20.66	20.60	21.50	18.61	18.92	18.69	20.20
3GPP Rel 8	DC-HSDPA Subtest-4	20.52	20.72	20.61	21.50	18.71	18.90	18.71	20.20
3GPP Rel 6	HSUPA Subtest-1	21.14	21.36	21.07	22.00	19.44	19.82	19.33	20.70
3GPP Rel 6	HSUPA Subtest-2	19.38	19.24	19.24	20.00	17.55	17.44	17.46	18.70
3GPP Rel 6	HSUPA Subtest-3	20.36	20.11	20.11	21.00	18.49	18.40	18.38	19.70
3GPP Rel 6	HSUPA Subtest-4	19.09	19.37	19.35	20.00	17.27	17.57	17.43	18.70
3GPP Rel 6	HSUPA Subtest-5	21.12	21.20	21.03	22.00	19.31	19.32	19.28	20.70

Band 2 DSI5_Simultaneous Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1880	1880	1900		
20	QPSK	1	0	21.22	21.29	21.18	22.8	0
20	QPSK	1	49	21.08	21.24	21.12		
20	QPSK	1	99	20.99	21.10	21.11		
20	QPSK	50	0	21.06	21.22	21.06		
20	QPSK	50	24	21.01	21.05	20.95	22.8	0
20	QPSK	50	50	21.04	21.07	21.03		
20	QPSK	100	0	21.03	21.14	20.97		
20	16QAM	1	0	20.94	21.08	20.87		
20	16QAM	1	49	21.05	21.09	21.13	22.8	0
20	16QAM	1	99	20.97	21.07	21.05		
20	16QAM	50	0	21.10	21.19	20.92		
20	16QAM	50	24	21.03	21.09	20.97	22.8	0
20	16QAM	50	50	21.02	21.06	21.00		
20	16QAM	100	0	21.05	21.10	21.13		
20	64QAM	1	0	20.92	20.98	20.93		
20	64QAM	1	49	20.98	21.07	20.93	22.8	0
20	64QAM	1	99	20.94	21.06	20.99		
20	64QAM	50	0	21.04	21.15	21.05		
20	64QAM	50	24	21.00	21.13	20.99	22.8	0
20	64QAM	50	50	20.98	21.10	21.02		
20	64QAM	100	0	21.00	21.02	20.92		
20	256QAM	1	0	19.47	19.63	19.48		
20	256QAM	1	49	19.51	19.63	19.45	21	1.8
20	256QAM	1	99	19.38	19.43	19.33		
20	256QAM	50	0	19.37	19.53	19.37		
20	256QAM	50	24	19.33	19.39	19.36	21	1.8
20	256QAM	50	50	19.25	19.35	19.32		
20	256QAM	100	0	19.43	19.63	19.49		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	21.07	21.21	21.12	22.8	0
15	QPSK	1	37	21.02	21.18	20.99		
15	QPSK	1	74	20.89	21.05	20.98		
15	QPSK	36	0	20.92	21.15	21.00		
15	QPSK	36	20	20.95	20.90	20.87	22.8	0
15	QPSK	36	39	20.92	20.95	20.88		
15	QPSK	75	0	20.94	21.11	20.90		
15	16QAM	1	0	20.83	20.98	20.83		
15	16QAM	1	37	20.95	21.04	21.07	22.8	0
15	16QAM	1	74	20.87	21.03	20.93		
15	16QAM	36	0	21.02	20.99	20.86		
15	16QAM	36	20	20.90	20.99	20.87	22.8	0
15	16QAM	36	39	20.97	21.01	20.97		
15	16QAM	75	0	20.98	20.98	21.02		
15	64QAM	1	0	20.86	20.89	20.83		
15	64QAM	1	37	20.90	20.97	20.80	22.8	0
15	64QAM	1	74	20.87	21.03	20.84		
15	64QAM	36	0	20.89	21.04	20.99		
15	64QAM	36	20	20.90	21.09	20.92	22.8	0
15	64QAM	36	39	20.83	20.99	20.97		
15	64QAM	75	0	20.89	20.93	20.82		
15	256QAM	1	0	19.35	19.58	19.38		
15	256QAM	1	37	19.39	19.50	19.40	21	1.8
15	256QAM	1	74	19.33	19.30	19.26		
15	256QAM	36	0	19.27	19.45	19.29		
15	256QAM	36	20	19.23	19.25	19.26	21	1.8
15	256QAM	36	39	19.14	19.23	19.20		
15	256QAM	75	0	19.39	19.51	19.42		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	21.16	21.25	21.08	22.8	0
10	QPSK	1	25	21.01	21.14	21.04		
10	QPSK	1	49	20.85	21.03	21.07		
10	QPSK	25	0	21.02	21.09	20.94		
10	QPSK	25	12	20.90	20.92	20.89	22.8	0
10	QPSK	25	25	20.93	20.99	20.88		
10	QPSK	50	0	20.99	21.00	20.91		
10	16QAM	1	0	20.89	21.00	20.78		
10	16QAM	1	25	20.91	21.00	21.06	22.8	0
10	16QAM	1	49	20.83	20.96	21.00		
10	16QAM	25	0	20.99	20.97	20.78		
10	16QAM	25	12	20.93	20.98	20.90	22.8	0
10	16QAM	25	25	20.91	21.02	20.92		
10	16QAM	50	0	20.95	21.02	21.01		
10	64QAM	1	0	20.79	20.95	20.88		
10	64QAM	1	25	20.88	21.02	20.82	22.8	0
10	64QAM	1	49	20.86	20.98	20.87		
10	64QAM	25	0	20.96	21.11	20.91		
10	64QAM	25	12	20.93	21.10	20.87	22.8	0
10	64QAM	25	25	20.92	21.05	20.96		
10	64QAM	50	0	20.93	20.92	20.81		
10	256QAM	1	0	19.36	19.58	19.41		
10	256QAM	1	25	19.38	19.57	19.34	21	1.8
10	256QAM	1	49	19.27	19.31	19.27		
10	256QAM	25	0	19.25	19.46	19.32		
10	256QAM	25	12	19.28	19.30	19.26	21	1.8
10	256QAM	25	25	19.14	19.28	19.19		
10	256QAM	50	0	19.33	19.54	19.39		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	21.12	21.20	21.14	22.8	0
5	QPSK	1	12	21.04	21.11	21.00		
5	QPSK	1	24	20.95	21.00	21.03		
5	QPSK	12	0	21.03	21.19	20.96		
5	QPSK	12	7	20.91	20.97	20.92	22.8	0
5	QPSK	12	13	20.92	21.03	20.98		
5	QPSK	25	0	20.92	21.08	20.88		
5	16QAM	1	0	20.82	21.00	20.77		
5	16QAM	1	12	20.91	21.01	21.09	22.8	0
5	16QAM	1	24	20.85	21.04	20.94		
5	16QAM	12	0	20.96	20.98	20.85		
5	16QAM	12	7	20.98	21.06	20.91	22.8	0
5	16QAM	12	13	20.93	20.98	20.88		
5	16QAM	25	0	20.93	21.01	20.99		
5	64QAM	1	0	20.82	20.93	20.83		
5	64QAM	1	12	20.92	21.01	20.90	22.8	0
5	64QAM	1	24	20.85	20.94	20.89		
5	64QAM	12	0	20.97	21.06	21.01		
5	64QAM	12	7	20.85	21.02	20.88	22.8	0
5	64QAM	12	13	20.91	20.95	20.87		
5	64QAM	25	0	20.86	20.98	20.84		
5	256QAM	1	0	19.37	19.50	19.39		
5	256QAM	1	12	19.43	19.52	19.42	21	1.8
5	256QAM	1	24	19.25	19.33	19.29		
5	256QAM	12	0	19.26	19.42	19.33		
5	256QAM	12	7	19.28	19.33	19.25	21	1.8
5	256QAM	12	13	19.13	19.29	19.28		
5	256QAM	25	0	19.29	19.59	19.46		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	21.12	21.17	21.07	22.8	0
3	QPSK	1	8	21.01	21.21	20.98		
3	QPSK	1	14	20.95	21.05	20.97		
3	QPSK	8	0	20.97	21.09	20.94		
3	QPSK	8	4	20.95	20.98	20.88	22.8	0
3	QPSK	8	7	20.91	21.03	20.91		
3	QPSK	15	0	21.00	21.06	20.83		
3	16QAM	1	0	20.83	20.98	20.80		
3	16QAM	1	8	20.97	20.98	20.98	22.8	0
3	16QAM	1	14	20.83	20.96	21.01		
3	16QAM	8	0	20.96	20.98	20.84		
3	16QAM	8	4	20.92	20.96	20.93	22.8	0
3	16QAM	8	7	20.90	20.99	20.92		
3	16QAM	15	0	21.00	21.01	20.99		
3	64QAM	1	0	20.77	20.91	20.78		
3	64QAM	1	8	20.84	21.00	20.86	22.8	0
3	64QAM	1	14	20.82	21.00	20.90		
3	64QAM	8	0	20.95	21.10	20.99		
3	64QAM	8	4	20.93	21.04	20.91	22.8	0
3	64QAM	8	7	20.93	21.01	20.90		
3	64QAM	15	0	20.88	20.89	20.86		
3	256QAM	1	0	19.42	19.56	19.35		
3	256QAM	1	8	19.37	19.55	19.37	21	1.8
3	256QAM	1	14	19.23	19.29	19.21		
3	256QAM	8	0	19.29	19.47	19.33		
3	256QAM	8	4	19.19	19.30	19.28	21	1.8
3	256QAM	8	7	19.21	19.30	19.25		
3	256QAM	15	0	19.36	19.59	19.36		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	21.18	21.18	21.14	22.8	0
1.4	QPSK	1	3	20.98	21.11	21.05		
1.4	QPSK	1	5	20.92	20.96	21.06		
1.4	QPSK	3	0	20.94	21.16	21.01		
1.4	QPSK	3	1	20.96	20.90	20.89		
1.4	QPSK	3	3	20.96	20.93	20.92		
1.4	QPSK	6	0	20.99	21.10	20.84	22.8	0
1.4	16QAM	1	0	20.84	20.93	20.73		
1.4	16QAM	1	3	21.01	21.00	21.01		
1.4	16QAM	1	5	20.85	20.99	21.01	22.8	0
1.4	16QAM	3	0	20.97	20.99	20.86		
1.4	16QAM	3	1	20.92	21.03	20.91		
1.4	16QAM	3	3	20.97	20.95	20.87		
1.4	16QAM	6	0	21.02	21.06	21.09	22.8	0
1.4	64QAM	1	0	20.85	20.95	20.82		
1.4	64QAM	1	3	20.85	21.02	20.88		
1.4	64QAM	1	5	20.81	20.96	20.92	22.8	0
1.4	64QAM	3	0	20.90	21.05	20.97		
1.4	64QAM	3	1	20.95	21.02	20.88		
1.4	64QAM	3	3	20.89	21.02	20.97		
1.4	64QAM	6	0	20.91	20.96	20.82	22.8	0
1.4	256QAM	1	0	19.34	19.57	19.40		
1.4	256QAM	1	3	19.46	19.50	19.31		
1.4	256QAM	1	5	19.34	19.40	19.27	21	1.8
1.4	256QAM	3	0	19.33	19.50	19.26		
1.4	256QAM	3	1	19.30	19.32	19.23		
1.4	256QAM	3	3	19.21	19.32	19.19		
1.4	256QAM	6	0	19.31	19.50	19.41	21	1.8

Band 4 DSI5_Simultaneous Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	20.03	20.13	19.98	21.1	0
20	QPSK	1	49	20.09	20.09	19.93		
20	QPSK	1	99	19.95	20.04	19.93		
20	QPSK	50	0	19.93	20.08	19.96		
20	QPSK	50	24	20.00	20.01	19.88	21.1	0
20	QPSK	50	50	19.88	20.07	19.93		
20	QPSK	100	0	19.95	20.04	19.87		
20	16QAM	1	0	19.95	19.88	19.82		
20	16QAM	1	49	19.87	19.99	20.00	21.1	0
20	16QAM	1	99	19.81	19.94	19.94		
20	16QAM	50	0	19.99	20.03	19.94		
20	16QAM	50	24	19.89	19.93	19.90	21.1	0
20	16QAM	50	50	19.83	19.93	19.90		
20	16QAM	100	0	19.96	20.02	20.00		
20	64QAM	1	0	19.88	19.88	19.81		
20	64QAM	1	49	19.85	19.92	19.85	21.1	0
20	64QAM	1	99	19.78	19.95	19.83		
20	64QAM	50	0	19.94	19.97	19.93		
20	64QAM	50	24	19.95	19.97	19.82	21.1	0
20	64QAM	50	50	19.86	20.06	19.88		
20	64QAM	100	0	19.93	19.96	19.81		
20	256QAM	1	0	19.52	19.69	19.60		
20	256QAM	1	49	19.44	19.69	19.45	21	0.1
20	256QAM	1	99	19.40	19.44	19.50		
20	256QAM	50	0	19.56	19.67	19.56		
20	256QAM	50	24	19.43	19.53	19.45	21	0.1
20	256QAM	50	50	19.38	19.42	19.38		
20	256QAM	100	0	19.41	19.63	19.53		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	19.91	20.08	19.91	21.1	0
15	QPSK	1	37	19.97	20.04	19.83		
15	QPSK	1	74	19.83	19.99	19.89		
15	QPSK	36	0	19.89	19.95	19.85		
15	QPSK	36	20	19.92	19.89	19.79	21.1	0
15	QPSK	36	39	19.83	19.94	19.83		
15	QPSK	75	0	19.81	19.94	19.75		
15	16QAM	1	0	19.82	19.84	19.67		
15	16QAM	1	37	19.77	19.88	19.88	21.1	0
15	16QAM	1	74	19.67	19.80	19.83		
15	16QAM	36	0	19.91	19.92	19.84		
15	16QAM	36	20	19.79	19.78	19.86	21.1	0
15	16QAM	36	39	19.77	19.78	19.78		
15	16QAM	75	0	19.89	19.99	19.96		
15	64QAM	1	0	19.84	19.73	19.71		
15	64QAM	1	37	19.74	19.87	19.75	21.1	0
15	64QAM	1	74	19.65	19.88	19.73		
15	64QAM	36	0	19.86	19.87	19.83		
15	64QAM	36	20	19.86	19.90	19.74	21.1	0
15	64QAM	36	39	19.74	20.03	19.82		
15	64QAM	75	0	19.78	19.92	19.75		
15	256QAM	1	0	19.45	19.58	19.46		
15	256QAM	1	37	19.39	19.64	19.42	21	0.1
15	256QAM	1	74	19.28	19.37	19.40		
15	256QAM	36	0	19.45	19.55	19.44		
15	256QAM	36	20	19.32	19.50	19.37	21	0.1
15	256QAM	36	39	19.23	19.39	19.28		
15	256QAM	75	0	19.30	19.55	19.47		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	19.93	20.05	19.95	21.1	0
10	QPSK	1	25	20.00	20.03	19.89		
10	QPSK	1	49	19.84	19.96	19.89		
10	QPSK	25	0	19.79	19.97	19.92		
10	QPSK	25	12	19.88	19.96	19.81	21.1	0
10	QPSK	25	25	19.76	19.98	19.82		
10	QPSK	50	0	19.86	19.96	19.82		
10	16QAM	1	0	19.86	19.82	19.79		
10	16QAM	1	25	19.80	19.86	19.90	21.1	0
10	16QAM	1	49	19.68	19.87	19.86		
10	16QAM	25	0	19.86	19.98	19.91		
10	16QAM	25	12	19.75	19.80	19.81	21.1	0
10	16QAM	25	25	19.79	19.85	19.81		
10	16QAM	50	0	19.90	19.96	19.95		
10	64QAM	1	0	19.74	19.79	19.75		
10	64QAM	1	25	19.78	19.82	19.79	21.1	0
10	64QAM	1	49	19.73	19.89	19.79		
10	64QAM	25	0	19.83	19.90	19.84		
10	64QAM	25	12	19.82	19.85	19.69	21.1	0
10	64QAM	25	25	19.81	19.95	19.76		
10	64QAM	50	0	19.86	19.86	19.68		
10	256QAM	1	0	19.46	19.64	19.55		
10	256QAM	1	25	19.31	19.58	19.33	21	0.1
10	256QAM	1	49	19.32	19.34	19.44		
10	256QAM	25	0	19.50	19.62	19.44		
10	256QAM	25	12	19.38	19.46	19.34	21	0.1
10	256QAM	25	25	19.30	19.29	19.31		
10	256QAM	50	0	19.36	19.52	19.44		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	19.89	20.00	19.94	21.1	0
5	QPSK	1	12	19.84	19.95	19.82		
5	QPSK	1	24	19.87	19.90	19.81		
5	QPSK	12	0	19.80	19.95	19.87		
5	QPSK	12	7	19.89	19.93	19.73	21.1	0
5	QPSK	12	13	19.77	19.97	19.79		
5	QPSK	25	0	19.90	19.90	19.72		
5	16QAM	1	0	19.85	19.80	19.74		
5	16QAM	1	12	19.72	19.90	19.95	21.1	0
5	16QAM	1	24	19.71	19.91	19.84		
5	16QAM	12	0	19.84	19.99	19.85		
5	16QAM	12	7	19.80	19.81	19.87	21.1	0
5	16QAM	12	13	19.73	19.94	19.85		
5	16QAM	25	0	19.82	19.88	19.93		
5	64QAM	1	0	19.76	19.76	19.74		
5	64QAM	1	12	19.71	19.88	19.71	21.1	0
5	64QAM	1	24	19.69	19.86	19.78		
5	64QAM	12	0	19.81	19.83	19.84		
5	64QAM	12	7	19.86	19.83	19.82	21.1	0
5	64QAM	12	13	19.81	19.91	19.83		
5	64QAM	25	0	19.81	19.90	19.67		
5	256QAM	1	0	19.38	19.65	19.51		
5	256QAM	1	12	19.36	19.54	19.35	21	0.1
5	256QAM	1	24	19.35	19.35	19.46		
5	256QAM	12	0	19.38	19.49	19.43		
5	256QAM	12	7	19.33	19.40	19.30	21	0.1
5	256QAM	12	13	19.32	19.33	19.30		
5	256QAM	25	0	19.31	19.52	19.43		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	19.99	20.04	19.86	21.1	0
3	QPSK	1	8	19.90	19.98	19.85		
3	QPSK	1	14	19.88	19.97	19.89		
3	QPSK	8	0	19.78	20.02	19.84		
3	QPSK	8	4	19.95	19.87	19.85	21.1	0
3	QPSK	8	7	19.84	20.00	19.90		
3	QPSK	15	0	19.82	19.96	19.72		
3	16QAM	1	0	19.81	19.77	19.76		
3	16QAM	1	8	19.82	19.85	19.85	21.1	0
3	16QAM	1	14	19.71	19.83	19.82		
3	16QAM	8	0	19.94	19.97	19.84		
3	16QAM	8	4	19.74	19.88	19.76	21.1	0
3	16QAM	8	7	19.79	19.85	19.76		
3	16QAM	15	0	19.93	19.94	19.89		
3	64QAM	1	0	19.83	19.79	19.75		
3	64QAM	1	8	19.72	19.86	19.74	21.1	0
3	64QAM	1	14	19.67	19.85	19.77		
3	64QAM	8	0	19.84	19.93	19.80		
3	64QAM	8	4	19.85	19.86	19.75	21.1	0
3	64QAM	8	7	19.73	20.01	19.74		
3	64QAM	15	0	19.87	19.93	19.70		
3	256QAM	1	0	19.43	19.63	19.52		
3	256QAM	1	8	19.32	19.64	19.35	21	0.1
3	256QAM	1	14	19.27	19.36	19.41		
3	256QAM	8	0	19.44	19.57	19.42		
3	256QAM	8	4	19.31	19.41	19.36	21	0.1
3	256QAM	8	7	19.31	19.33	19.25		
3	256QAM	15	0	19.35	19.59	19.47		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	19.89	20.02	19.93	21.1	0
1.4	QPSK	1	3	19.86	19.93	19.81		
1.4	QPSK	1	5	19.86	20.01	19.89		
1.4	QPSK	3	0	19.84	19.92	19.83		
1.4	QPSK	3	1	19.92	19.91	19.80		
1.4	QPSK	3	3	19.77	19.98	19.89		
1.4	QPSK	6	0	19.87	19.94	19.80	21.1	0
1.4	16QAM	1	0	19.91	19.82	19.78		
1.4	16QAM	1	3	19.80	19.91	19.93		
1.4	16QAM	1	5	19.71	19.80	19.85	21.1	0
1.4	16QAM	3	0	19.88	19.96	19.89		
1.4	16QAM	3	1	19.85	19.86	19.78		
1.4	16QAM	3	3	19.78	19.88	19.81		
1.4	16QAM	6	0	19.89	19.90	19.95	21.1	0
1.4	64QAM	1	0	19.83	19.76	19.72		
1.4	64QAM	1	3	19.75	19.87	19.75		
1.4	64QAM	1	5	19.68	19.81	19.72	21.1	0
1.4	64QAM	3	0	19.83	19.91	19.88		
1.4	64QAM	3	1	19.80	19.92	19.75		
1.4	64QAM	3	3	19.73	19.92	19.79		
1.4	64QAM	6	0	19.89	19.88	19.72	21.1	0
1.4	256QAM	1	0	19.38	19.55	19.47		
1.4	256QAM	1	3	19.33	19.66	19.33		
1.4	256QAM	1	5	19.31	19.37	19.39	21	0.1
1.4	256QAM	3	0	19.47	19.56	19.45		
1.4	256QAM	3	1	19.38	19.44	19.35		
1.4	256QAM	3	3	19.28	19.29	19.32		
1.4	256QAM	6	0	19.30	19.48	19.44	21	0.1

Band 7 Default Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	22.98	23.05	22.93	23.9	0
20	QPSK	1	49	22.83	22.90	22.85		
20	QPSK	1	99	22.76	22.85	22.79		
20	QPSK	50	0	22.86	22.97	22.91		
20	QPSK	50	24	22.74	22.80	22.69	23.9	0
20	QPSK	50	50	22.69	22.69	22.67		
20	QPSK	100	0	22.84	22.90	22.87		
20	16QAM	1	0	22.84	22.86	22.78		
20	16QAM	1	49	22.78	22.78	22.73	23.9	0

Band 25 DSI5_Simultaneous Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26599		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	21.24	21.34	21.31		
20	QPSK	1	49	21.21	21.30	21.23	22.8	0
20	QPSK	1	99	21.07	21.23	21.19		
20	QPSK	50	0	21.20	21.31	21.19		
20	QPSK	50	24	21.10	21.16	21.04	22.8	0
20	QPSK	50	50	21.09	21.26	21.22		
20	QPSK	100	0	21.15	21.26	21.17		
20	16QAM	1	0	21.08	21.13	21.05		
20	16QAM	1	49	21.09	21.20	21.12	22.8	0
20	16QAM	1	99	21.06	21.16	21.06		
20	16QAM	50	0	21.13	21.26	21.07		
20	16QAM	50	24	21.09	21.19	21.14	22.8	0
20	16QAM	50	50	21.05	21.17	21.09		
20	16QAM	100	0	21.20	21.18	21.25		
20	64QAM	1	0	20.98	21.08	20.94		
20	64QAM	1	49	21.06	21.22	21.00	22.8	0
20	64QAM	1	99	21.06	21.06	21.13		
20	64QAM	50	0	21.04	21.21	21.17		
20	64QAM	50	24	21.08	21.13	21.09	22.8	0
20	64QAM	50	50	21.05	21.19	21.07		
20	64QAM	100	0	21.12	21.08	21.11		
20	256QAM	1	0	19.41	19.55	19.42		
20	256QAM	1	49	19.33	19.55	19.37	21	1.8
20	256QAM	1	99	19.34	19.32	19.30		
20	256QAM	50	0	19.35	19.53	19.43		
20	256QAM	50	24	19.28	19.36	19.31	21	1.8
20	256QAM	50	50	19.32	19.30	19.29		
20	256QAM	100	0	19.34	19.56	19.44		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	21.10	21.30	21.18		
15	QPSK	1	37	21.11	21.26	21.13	22.8	0
15	QPSK	1	74	21.03	21.17	21.07		
15	QPSK	36	0	21.06	21.24	21.07		
15	QPSK	36	20	20.96	21.10	20.94	22.8	0
15	QPSK	36	39	20.96	21.11	21.18		
15	QPSK	75	0	21.04	21.14	21.08		
15	16QAM	1	0	21.00	20.99	20.94		
15	16QAM	1	37	21.00	21.06	21.04	22.8	0
15	16QAM	1	74	20.92	21.09	20.98		
15	16QAM	36	0	20.99	21.14	20.93		
15	16QAM	36	20	21.02	21.04	21.01	22.8	0
15	16QAM	36	39	21.02	21.13	20.98		
15	16QAM	75	0	21.07	21.15	21.14		
15	64QAM	1	0	20.85	21.01	20.85		
15	64QAM	1	37	20.98	21.14	20.91	22.8	0
15	64QAM	1	74	20.98	21.03	21.04		
15	64QAM	36	0	20.91	21.11	21.04		
15	64QAM	36	20	20.95	21.07	20.99	22.8	0
15	64QAM	36	39	20.95	21.15	20.99		
15	64QAM	75	0	21.01	21.02	20.97		
15	256QAM	1	0	19.27	19.43	19.28		
15	256QAM	1	37	19.30	19.51	19.27	21	1.8
15	256QAM	1	74	19.20	19.28	19.26		
15	256QAM	36	0	19.25	19.43	19.31		
15	256QAM	36	20	19.19	19.33	19.19	21	1.8
15	256QAM	36	39	19.24	19.25	19.16		
15	256QAM	75	0	19.22	19.43	19.30		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	21.10	21.24	21.23		
10	QPSK	1	25	21.09	21.21	21.18	22.8	0
10	QPSK	1	49	20.95	21.09	21.04		
10	QPSK	25	0	21.16	21.18	21.07		
10	QPSK	25	12	21.06	21.03	20.90	22.8	0
10	QPSK	25	25	21.06	21.20	21.19		
10	QPSK	50	0	21.08	21.21	21.04		
10	16QAM	1	0	20.98	20.98	20.95		
10	16QAM	1	25	21.02	21.06	20.98	22.8	0
10	16QAM	1	49	20.93	21.08	20.91		
10	16QAM	25	0	21.07	21.21	21.02		
10	16QAM	25	12	21.04	21.13	21.04	22.8	0
10	16QAM	25	25	20.99	21.06	20.94		
10	16QAM	50	0	21.14	21.10	21.20		
10	64QAM	1	0	20.94	20.95	20.90		
10	64QAM	1	25	20.92	21.11	20.92	22.8	0
10	64QAM	1	49	21.01	21.00	21.00		
10	64QAM	25	0	20.96	21.12	21.08		
10	64QAM	25	12	20.95	21.00	20.98	22.8	0
10	64QAM	25	25	20.98	21.14	20.95		
10	64QAM	50	0	21.04	20.95	21.07		
10	256QAM	1	0	19.38	19.45	19.33		
10	256QAM	1	25	19.29	19.49	19.34	21	1.8
10	256QAM	1	49	19.25	19.25	19.25		
10	256QAM	25	0	19.22	19.43	19.38		
10	256QAM	25	12	19.22	19.22	19.23	21	1.8
10	256QAM	25	25	19.27	19.18	19.15		
10	256QAM	50	0	19.31	19.43	19.37		
Channel				26065	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	21.15	21.31	21.22		
5	QPSK	1	12	21.10	21.19	21.13	22.8	0
5	QPSK	1	24	21.01	21.10	21.06		
5	QPSK	12	0	21.14	21.16	21.10		
5	QPSK	12	7	21.07	21.10	20.99	22.8	0
5	QPSK	12	13	21.02	21.12	21.17		
5	QPSK	25	0	21.09	21.23	21.11		
5	16QAM	1	0	21.02	21.03	20.91		
5	16QAM	1	12	21.00	21.06	21.05	22.8	0
5	16QAM	1	24	20.99	21.04	20.96		
5	16QAM	12	0	21.09	21.13	20.93		
5	16QAM	12	7	21.03	21.10	21.06	22.8	0
5	16QAM	12	13	20.96	21.12	21.01		
5	16QAM	25	0	21.07	21.06	21.19		
5	64QAM	1	0	20.89	20.96	20.91		
5	64QAM	1	12	20.98	21.14	20.89	22.8	0
5	64QAM	1	24	20.96	20.96	20.99		
5	64QAM	12	0	21.00	21.08	21.10		
5	64QAM	12	7	20.97	21.07	21.02	22.8	0
5	64QAM	12	13	21.00	21.10	21.00		
5	64QAM	25	0	21.06	20.96	20.97		
5	256QAM	1	0	19.37	19.47	19.28		
5	256QAM	1	12	19.28	19.42	19.23	21	1.8
5	256QAM	1	24	19.21	19.20	19.18		
5	256QAM	12	0	19.27	19.48	19.32		
5	256QAM	12	7	19.22	19.31	19.16	21	1.8
5	256QAM	12	13	19.28	19.22	19.20		
5	256QAM	25	0	19.21	19.50	19.30		
Channel				26047	26340	26633	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	21.15	21.27	21.27		
3	QPSK	1	8	21.07	21.24	21.12	22.8	0
3	QPSK	1	14	20.95	21.15	21.05		
3	QPSK	8	0	21.14	21.18	21.13		
3	QPSK	8	4	21.05	21.10	20.89	22.8	0
3	QPSK	8	7	20.97	21.11	21.19		
3	QPSK	15	0	21.11	21.16	21.12		
3	16QAM	1	0	21.00	21.08	20.94		
3	16QAM	1	8	21.01	21.06	21.09	22.8	0
3	16QAM	1	14	20.92	21.09	21.03		
3	16QAM	8	0	21.01	21.20	20.97		
3	16QAM	8	4	20.99	21.07	21.00	22.8	0
3	16QAM	8	7	20.99	21.13	21.02		
3	16QAM	15	0	21.16	21.05	21.21		
3	64QAM	1	0	20.87	20.96	20.90		
3	64QAM	1	8	21.02	21.18	20.89	22.8	0
3	64QAM	1	14	20.95	21.03	21.04		
3	64QAM	8	0	20.91	21.17	21.10		
3	64QAM	8	4	20.99	21.09	21.01	22.8	0
3	64QAM	8	7	20.98	21.11	20.92		
3	64QAM	15	0	21.08	20.95	21.02		
3	256QAM	1	0	19.37	19.44	19.30		
3	256QAM	1	8	19.27	19.51	19.27	21	1.8
3	256QAM	1	14	19.29	19.20	19.17		
3	256QAM	8	0	19.27	19.43	19.40		
3	256QAM	8	4	19.14	19.31	19.22	21	1.8
3	256QAM	8	7	19.18	19.22	19.26		
3	256QAM	15	0	19.22	19.52	19.33		
Channel				26047	26340	26633	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	21.20	21.25	21.22		
1.4	QPSK	1	3	21.10	21.18	21.17		
1.4	QPSK	1	5	21.01	21.16	21.15	22.8	0
1.4	QPSK	3	0	21.12	21.23	21.12		
1.4	QPSK	3	1	21.04	21.09	21.00		
1.4	QPSK	3	3	20.98	21.13	21.11		
1.4	QPSK	6	0	21.06	21.19	21.04	22.8	0
1.4	16QAM	1	0	20.94	21.02	20.97		
1.4	16QAM	1	3	21.06	21.13	21.08		
1.4	16QAM	1	5	20.99	21.02	20.91	22.8	0
1.4	16QAM	3	0	21.00	21.23	20.96		
1.4	16QAM	3	1	21.03	21.15	21.07		
1.4	16QAM	3	3	20.91	21.13	21.06		
1.4	16QAM	6	0	21.05	21.04	21.13	22.8	0
1.4	64QAM	1	0	20.89	20.99	20.88		
1.4	64QAM	1	3	20.93	21.16	20.96		
1.4	64QAM	1	5	20.98	20.97	21.10	22.8	0
1.4	64QAM	3	0	20.92	21.13	21.06		
1.4	64QAM	3	1	20.99	21.07	21.04		
1.4	64QAM	3	3	21.00	21.12	21.03		
1.4	64QAM	6	0	21.08	20.96	21.02	22.8	0
1.4	256QAM	1	0	19.37	19.43	19.35		
1.4	256QAM	1	3	19.30	19.47	19.25		
1.4	256QAM	1	5	19.22	19.28	19.24	21	1.8
1.4	256QAM	3	0	19.26	19.42	19.38		
1.4	256QAM	3	1	19.24	19.23	19.17		
1.4	256QAM	3	3	19.25	19.21	19.21		
1.4	256QAM	6	0	19.24	19.48	19.30	21	1.8

Band 30 DSI5_Simultaneous Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		22.95			
10	QPSK	1	25		22.76		24	0
10	QPSK	1	49		22.77			
10	QPSK	25	0		22.91			
10	QPSK	25	12		22.80		24	0
10	QPSK	25	25		22.69			
10	QPSK	50	0		22.84			
10	16QAM	1	0		22.80			
10	16QAM	1	25		22.61		24	0
10	16QAM	1	49		22.60			
10	16QAM	25	0		22.77			
10	16QAM	25	12		22.66		24	0
10	16QAM	25	25		22.59			
10	16QAM	50	0		22.71			
10	64QAM	1	0		22.79			
10	64QAM	1	25		22.62		24	0
10	64QAM	1	49		22.57			
10	64QAM	25	0		21.81			
10	64QAM	25	12		21.69		23	1
10	64QAM	25	25		21.58			
10	64QAM	50	0		21.67			
10	256QAM	1	0		19.84			
10	256QAM	1	25		19.84		21	3
10	256QAM	1	49		19.70			
10	256QAM	25	0		19.79			
10	256QAM	25	12		19.66		21	3
10	256QAM	25	25		19.57			
10	256QAM	50	0		19.79			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	22.84	22.91	22.87		
5	QPSK	1	12	22.68	22.71	22.72	24	0
5	QPSK	1	24	22.66	22.64	22.68		
5	QPSK	12	0	22.77	22.77	22.81		
5	QPSK	12	7	22.71	22.76	22.70	24	0
5	QPSK	12	13	22.63	22.59	22.64		
5	QPSK	25	0	22.78	22.77	22.78		
5	16QAM	1	0	22.74	22.68	22.66		
5	16QAM	1	12	22.51	22.57	22.46	24	0
5	16QAM	1	24	22.50	22.57	22.49		
5	16QAM	12	0	22.69	22.69	22.62		
5	16QAM	12	7	22.57	22.58	22.52	24	0
5	16QAM	12	13	22.48	22.53	22.55		
5	16QAM	25	0	22.66	22.64	22.59		
5	64QAM	1	0	22.68	22.73	22.74		
5	64QAM	1	12	22.51	22.55	22.47	24	0
5	64QAM	1	24	22.43	22.53	22.42		
5	64QAM	12	0	21.68	21.69	21.69		
5	64QAM	12	7	21.65	21.61	21.64	23	1
5	64QAM	12	13	21.53	21.52	21.43		
5	64QAM	25	0	21.62	21.57	21.63		
5	256QAM	1	0	19.74	19.76	19.75		
5	256QAM	1	12	19.76	19.72	19.75	21	3
5	256QAM	1	24	19.62	19.63	19.64		
5	256QAM	12	0	19.74	19.71	19.64		
5	256QAM	12	7	19.58	19.54	19.58	21	3
5	256QAM	12	13	19.50	19.46	19.47		
5	256QAM	25	0	19.70	19.69	19.67		

Band 66 DSI5_Simultaneous Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	20.02	20.10	19.93		
20	QPSK	1	49	19.89	20.03	19.85	21.1	0
20	QPSK	1	99	19.84	19.94	19.87		
20	QPSK	50	0	19.90	20.02	19.85		
20	QPSK	50	24	19.84	19.92	19.80	21.1	0
20	QPSK	50	50	19.81	19.96	19.85		
20	QPSK	100	0	19.78	19.97	19.78		
20	16QAM	1	0	19.84	19.86	19.66		
20	16QAM	1	49	19.79	19.96	19.89	21.1	0
20	16QAM	1	99	19.79	19.87	19.84		
20	16QAM	50	0	19.84	19.89	19.75		
20	16QAM	50	24	19.81	19.89	19.81	21.1	0
20	16QAM	50	50	19.82	19.89	19.79		
20	16QAM	100	0	19.89	19.93	19.84		
20	64QAM	1	0	19.74	19.81	19.71		
20	64QAM	1	49	19.74	19.85	19.79	21.1	0
20	64QAM	1	99	19.79	19.84	19.83		
20	64QAM	50	0	19.80	19.92	19.81		
20	64QAM	50	24	19.78	19.88	19.73	21.1	0
20	64QAM	50	50	19.80	19.95	19.76		
20	64QAM	100	0	19.78	19.80	19.78		
20	256QAM	1	0	19.58	19.75	19.61		
20	256QAM	1	49	19.57	19.75	19.54	21	0.1
20	256QAM	1	99	19.47	19.51	19.48		
20	256QAM	50	0	19.58	19.71	19.61		
20	256QAM	50	24	19.56	19.61	19.46	21	0.1
20	256QAM	50	50	19.46	19.53	19.50		
20	256QAM	100	0	19.45	19.64	19.54		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	19.92	19.96	19.80		
15	QPSK	1	37	19.80	19.90	19.71	21.1	0
15	QPSK	1	74	19.80	19.85	19.74		
15	QPSK	36	0	19.85	19.88	19.81		
15	QPSK	36	20	19.72	19.88	19.73	21.1	0
15	QPSK	36	39	19.70	19.83	19.74		
15	QPSK	75	0	19.67	19.91	19.69		
15	16QAM	1	0	19.78	19.72	19.58		
15	16QAM	1	37	19.74	19.81	19.83	21.1	0
15	16QAM	1	74	19.70	19.78	19.78		
15	16QAM	36	0	19.72	19.85	19.68		
15	16QAM	36	20	19.71	19.79	19.70	21.1	0
15	16QAM	36	39	19.78	19.76	19.65		
15	16QAM	75	0	19.78	19.79	19.74		
15	64QAM	1	0	19.63	19.70	19.63		
15	64QAM	1	37	19.69	19.72	19.72	21.1	0
15	64QAM	1	74	19.73	19.72	19.72		
15	64QAM	36	0	19.71	19.83	19.70		
15	64QAM	36	20	19.72	19.79	19.66	21.1	0
15	64QAM	36	39	19.76	19.88	19.62		
15	64QAM	75	0	19.66	19.75	19.66		
15	256QAM	1	0	19.49	19.67	19.56		
15	256QAM	1	37	19.51	19.71	19.45	21	0.1
15	256QAM	1	74	19.37	19.37	19.39		
15	256QAM	36	0	19.47	19.62	19.54		
15	256QAM	36	20	19.43	19.54	19.36	21	0.1
15	256QAM	36	39	19.38	19.48	19.37		
15	256QAM	75	0	19.40	19.50	19.45		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	19.97	20.07	19.85		
10	QPSK	1	25	19.78	19.90	19.72	21.1	0
10	QPSK	1	49	19.75	19.81	19.82		
10	QPSK	25	0	19.83	19.96	19.75		
10	QPSK	25	12	19.78	19.89	19.74	21.1	0
10	QPSK	25	25	19.66	19.89	19.71		
10	QPSK	50	0	19.71	19.84	19.68		
10	16QAM	1	0	19.71	19.75	19.62		
10	16QAM	1	25	19.76	19.84	19.82	21.1	0
10	16QAM	1	49	19.68	19.72	19.80		
10	16QAM	25	0	19.73	19.84	19.61		
10	16QAM	25	12	19.68	19.74	19.76	21.1	0
10	16QAM	25	25	19.70	19.84	19.73		
10	16QAM	50	0	19.76	19.81	19.70		
10	64QAM	1	0	19.63	19.69	19.56		
10	64QAM	1	25	19.68	19.76	19.73	21.1	0
10	64QAM	1	49	19.71	19.72	19.78		
10	64QAM	25	0	19.72	19.79	19.76		
10	64QAM	25	12	19.67	19.84	19.67	21.1	0
10	64QAM	25	25	19.65	19.85	19.63		
10	64QAM	50	0	19.64	19.73	19.72		
10	256QAM	1	0	19.45	19.68	19.49		
10	256QAM	1	25	19.42	19.63	19.44	21	0.1
10	256QAM	1	49	19.44	19.42	19.37		
10	256QAM	25	0	19.48	19.68	19.49		
10	256QAM	25	12	19.44	19.53	19.42	21	0.1
10	256QAM	25	25	19.38	19.44	19.41		
10	256QAM	50	0	19.32	19.52	19.42		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	19.94	20.00	19.83		
5	QPSK	1	12	19.75	19.90	19.78	21.1	0
5	QPSK	1	24	19.73	19.88	19.74		
5	QPSK	12	0	19.81	19.93	19.70		
5	QPSK	12	7	19.69	19.78	19.73	21.1	0
5	QPSK	12	13	19.70	19.81	19.79		
5	QPSK	25	0	19.69	19.85	19.71		
5	16QAM	1	0	19.81	19.73	19.52		
5	16QAM	1	12	19.72	19.93	19.81	21.1	0
5	16QAM	1	24	19.67	19.80	19.75		
5	16QAM	12	0	19.72	19.77	19.70		
5	16QAM	12	7	19.76	19.75	19.74	21.1	0
5	16QAM	12	13	19.73	19.79	19.73		
5	16QAM	25	0	19.76	19.85	19.76		
5	64QAM	1	0	19.70	19.72	19.59		
5	64QAM	1	12	19.69	19.81	19.69	21.1	0
5	64QAM	1	24	19.68	19.69	19.69		
5	64QAM	12	0	19.76	19.89	19.77		
5	64QAM	12	7	19.63	19.84	19.64	21.1	0
5	64QAM	12	13	19.74	19.87	19.64		
5	64QAM	25	0	19.75	19.74	19.67		
5	256QAM	1	0	19.52	19.64	19.54		
5	256QAM	1	12	19.43	19.72	19.42	21	0.1
5	256QAM	1	24	19.43	19.41	19.39		
5	256QAM	12	0	19.51	19.59	19.52		
5	256QAM	12	7	19.50	19.53	19.34	21	0.1
5	256QAM	12	13	19.40	19.39	19.44		
5	256QAM	25	0	19.37	19.57	19.44		
Channel				131947	132322	132697	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	19.99	20.04	19.85		
3	QPSK	1	8	19.85	19.95	19.72	21.1	0
3	QPSK	1	14	19.74	19.82	19.77		
3	QPSK	8	0	19.82	19.92	19.73		
3	QPSK	8	4	19.77	19.88	19.67	21.1	0
3	QPSK	8	7	19.66	19.92	19.72		
3	QPSK	15	0	19.63	19.83	19.74		
3	16QAM	1	0	19.70	19.74	19.61		
3	16QAM	1	8	19.67	19.82	19.82	21.1	0
3	16QAM	1	14	19.67	19.74	19.71		
3	16QAM	8	0	19.73	19.77	19.65		
3	16QAM	8	4	19.68	19.79	19.77	21.1	0
3	16QAM	8	7	19.68	19.81	19.72		
3	16QAM	15	0	19.77	19.81	19.74		
3	64QAM	1	0	19.62	19.75	19.65		
3	64QAM	1	8	19.65	19.78	19.72	21.1	0
3	64QAM	1	14	19.74	19.72	19.76		
3	64QAM	8	0	19.75	19.84	19.72		
3	64QAM

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	21.92	22.04	21.77		
20	QPSK	1	49	21.82	21.98	21.73	23	0
20	QPSK	1	99	21.75	21.82	21.70		
20	QPSK	50	0	21.76	21.95	21.67		
20	QPSK	50	24	21.71	21.78	21.72	23	0
20	QPSK	50	50	21.65	21.70	21.59		
20	QPSK	100	0	21.66	21.94	21.73		
20	16QAM	1	0	21.76	21.85	21.80		
20	16QAM	1	49	21.65	21.66	21.62	23	0
20	16QAM	1	99	21.65	21.81	21.67		
20	16QAM	50	0	21.85	21.96	21.70		
20	16QAM	50	24	21.74	21.96	21.70	23	0
20	16QAM	50	50	21.66	21.74	21.68		
20	16QAM	100	0	21.67	21.81	21.58		
20	64QAM	1	0	21.68	21.73	21.66		
20	64QAM	1	49	21.56	21.62	21.52	23	0
20	64QAM	1	99	21.59	21.89	21.65		
20	64QAM	50	0	21.80	21.91	21.90		
20	64QAM	50	24	21.82	21.90	21.80	22.5	0.5
20	64QAM	50	50	21.72	21.86	21.78		
20	64QAM	100	0	21.97	21.91	21.91		
20	256QAM	1	0	19.81	20.02	19.87		
20	256QAM	1	49	19.81	20.02	19.85	20.5	2.5
20	256QAM	1	99	19.80	19.77	19.75		
20	256QAM	50	0	19.89	20.04	19.86		
20	256QAM	50	24	19.89	19.85	19.91	20.5	2.5
20	256QAM	50	50	19.82	19.85	19.77		
20	256QAM	100	0	20.01	20.13	19.99		
Channel				37825	38000	38175	Tune-up limit	MPR
Frequency (MHz)				2577.5	2595	2612.5	(dBm)	(dB)
15	QPSK	1	0	21.83	22.00	21.68		
15	QPSK	1	37	21.74	21.94	21.64	23	0
15	QPSK	1	74	21.68	21.76	21.60		
15	QPSK	36	0	21.67	21.79	21.61		
15	QPSK	36	20	21.61	21.74	21.65	23	0
15	QPSK	36	39	21.61	21.65	21.53		
15	QPSK	75	0	21.58	21.84	21.69		
15	16QAM	1	0	21.69	21.83	21.72		
15	16QAM	1	37	21.60	21.62	21.53	23	0
15	16QAM	1	74	21.58	21.77	21.59		
15	16QAM	36	0	21.78	21.86	21.66		
15	16QAM	36	20	21.67	21.86	21.60	23	0
15	16QAM	36	39	21.63	21.67	21.66		
15	16QAM	75	0	21.62	21.78	21.53		
15	64QAM	1	0	21.63	21.66	21.62		
15	64QAM	1	37	21.52	21.58	21.44	23	0
15	64QAM	1	74	21.52	21.85	21.61		
15	64QAM	36	0	21.75	21.97	21.84		
15	64QAM	36	20	21.67	21.81	21.67	22.5	0.5
15	64QAM	36	39	21.64	21.71	21.73		
15	64QAM	75	0	21.83	21.95	21.76		
15	256QAM	1	0	19.75	19.95	19.75		
15	256QAM	1	37	19.69	19.90	19.74	20.5	2.5
15	256QAM	1	74	19.69	19.63	19.68		
15	256QAM	36	0	19.80	19.99	19.76		
15	256QAM	36	20	19.82	19.73	19.76	20.5	2.5
15	256QAM	36	39	19.77	19.77	19.66		
15	256QAM	75	0	19.93	20.09	19.85		
Channel				37600	38000	38200	Tune-up limit	MPR
Frequency (MHz)				2575	2595	2615	(dBm)	(dB)
10	QPSK	1	0	21.87	21.99	21.75		
10	QPSK	1	25	21.79	21.96	21.63	23	0
10	QPSK	1	49	21.73	21.72	21.61		
10	QPSK	25	0	21.72	21.82	21.62		
10	QPSK	25	12	21.66	21.76	21.67	23	0
10	QPSK	25	25	21.61	21.67	21.50		
10	QPSK	50	0	21.59	21.85	21.67		
10	16QAM	1	0	21.71	21.79	21.76		
10	16QAM	1	25	21.56	21.57	21.56	23	0
10	16QAM	1	49	21.60	21.74	21.64		
10	16QAM	25	0	21.77	21.94	21.67		
10	16QAM	25	12	21.67	21.94	21.64	23	0
10	16QAM	25	25	21.61	21.67	21.64		
10	16QAM	50	0	21.64	21.78	21.53		
10	64QAM	1	0	21.65	21.67	21.59		
10	64QAM	1	25	21.52	21.52	21.45	23	0
10	64QAM	1	49	21.53	21.84	21.56		
10	64QAM	25	0	21.70	21.91	21.85		
10	64QAM	25	12	21.78	21.81	21.67	22.5	0.5
10	64QAM	25	25	21.64	21.75	21.64		
10	64QAM	50	0	21.86	21.91	21.88		
10	256QAM	1	0	19.73	19.91	19.75		
10	256QAM	1	25	19.74	19.88	19.72	20.5	2.5
10	256QAM	1	49	19.67	19.64	19.70		
10	256QAM	25	0	19.76	19.95	19.73		
10	256QAM	25	12	19.85	19.70	19.82	20.5	2.5
10	256QAM	25	25	19.78	19.81	19.66		
10	256QAM	50	0	19.94	20.05	19.85		
Channel				37775	38000	38225	Tune-up limit	MPR
Frequency (MHz)				2572.5	2595	2617.5	(dBm)	(dB)
5	QPSK	1	0	21.83	21.95	21.74		
5	QPSK	1	12	21.78	21.97	21.64	23	0
5	QPSK	1	24	21.72	21.73	21.68		
5	QPSK	12	0	21.69	21.82	21.60		
5	QPSK	12	7	21.68	21.70	21.64	23	0
5	QPSK	12	13	21.63	21.64	21.57		
5	QPSK	25	0	21.62	21.84	21.67		
5	16QAM	1	0	21.73	21.81	21.70		
5	16QAM	1	12	21.61	21.61	21.55	23	0
5	16QAM	1	24	21.60	21.74	21.60		
5	16QAM	12	0	21.81	21.87	21.63		
5	16QAM	12	7	21.69	21.90	21.65	23	0
5	16QAM	12	13	21.58	21.69	21.62		
5	16QAM	25	0	21.62	21.73	21.55		
5	64QAM	1	0	21.65	21.66	21.62		
5	64QAM	1	12	21.47	21.57	21.45	23	0
5	64QAM	1	24	21.54	21.85	21.58		
5	64QAM	12	0	21.71	21.91	21.78		
5	64QAM	12	7	21.71	21.80	21.66	22.5	0.5
5	64QAM	12	13	21.59	21.78	21.73		
5	64QAM	25	0	21.85	21.96	21.78		
5	256QAM	1	0	19.67	19.99	19.81		
5	256QAM	1	12	19.68	19.93	19.77	20.5	2.5
5	256QAM	1	24	19.69	19.67	19.62		
5	256QAM	12	0	19.80	19.91	19.73		
5	256QAM	12	7	19.75	19.76	19.84	20.5	2.5
5	256QAM	12	13	19.79	19.76	19.70		
5	256QAM	25	0	19.88	20.05	19.88		

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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	22.01	21.96	22.07	21.87	22.01		
20	QPSK	1	49	21.87	21.86	22.05	21.81	21.90	23	0
20	QPSK	1	99	21.77	21.85	21.87	21.77	21.82		
20	QPSK	50	0	21.92	21.80	21.96	21.71	21.81		
20	QPSK	50	24	21.80	21.80	21.80	21.81	21.81	23	0
20	QPSK	50	50	21.77	21.74	21.80	21.66	21.79		
20	QPSK	100	0	21.79	21.69	21.97	21.75	21.92		
20	16QAM	1	0	21.81	21.81	21.92	21.86	21.99		
20	16QAM	1	49	21.64	21.74	21.75	21.69	21.65	23	0
20	16QAM	1	99	21.80	21.70	21.89	21.74	21.73		
20	16QAM	50	0	21.57	21.51	21.65	21.51	21.52		
20	16QAM	50	24	21.39	21.40	21.45	21.46	21.32	22	1
20	16QAM	50	50	21.35	21.41	21.48	21.38	21.37		
20	16QAM	100	0	21.56	21.57	21.67	21.52	21.64		
20	64QAM	1	0	21.63	21.55	21.66	21.59	21.65		
20	64QAM	1	49	21.50	21.50	21.57	21.53	21.55	22	1
20	64QAM	1	99	21.44	21.46	21.58	21.36	21.50		
20	64QAM	50	0	20.84	20.70	20.86	20.77	20.73		
20	64QAM	50	24	20.58	20.60	20.76	20.62	20.60	21	2
20	64QAM	50	50	20.64	20.60	20.71	20.72	20.57		
20	64QAM	100	0	20.67	20.71	20.81	20.66	20.69		
20	256QAM	1	0	18.42	18.31	18.52	18.40	18.47		
20	256QAM	1	49	18.38	18.35	18.52	18.31	18.41	19	4
20	256QAM	1	99	18.22	18.31	18.28	18.31	18.14		
20	256QAM	50	0	18.61	18.48	18.66	18.50	18.54		
20	256QAM	50	24	18.41	18.46	18.51	18.43	18.36	19	4
20	256QAM	50	50	18.43	18.35	18.49	18.38	18.42		
20	256QAM	100	0	18.57	18.50	18.66	18.54	18.62		
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	21.92	21.94	21.98	21.79	21.90		
15	QPSK	1	37	21.76	21.83	22.02	21.70	21.86	23.00	0
15	QPSK	1	74	21.66	21.80	21.80	21.64	21.77		
15	QPSK	36	0	21.85	21.77	21.91	21.59	21.78		
15	QPSK	36	20	21.72	21.77	21.70	21.75	21.70	23	0
15	QPSK	36	39	21.66	21.62	21.74	21.59	21.73		
15	QPSK	75	0	21.69	21.61	21.91	21.73	21.87		
15	16QAM	1	0	21.72	21.70	21.83	21.82	21.93		
15	16QAM	1	37	21.62	21.65	21.62	21.59	21.63	23	0
15	16QAM	1	74	21.76	21.59	21.86	21.65	21.69		
15	16QAM	36	0	21.50	21.44	21.54	21.40	21.39		
15	16QAM	36	20	21.27	21.36	21.33	21.40	21.19	22	1
15	16QAM	36	39	21.22	21.35	21.33	21.23	21.29		
15	16QAM	75	0	21.53	21.51	21.53	21.41	21.50		
15	64QAM	1	0	21.55	21.40	21.52	21.55	21.59		
15	64QAM	1	37	21.46	21.35	21.44	21.40	21.50	22	1
15	64QAM	1	74	21.29	21.37	21.43	21.29	21.41		
15	64QAM	36	0	20.71	20.66	20.73	20.66	20.67		
15	64QAM	36	20	20.53	20.55	20.67	20.59	20.48	21	2
15	64QAM	36	39	20.60	20.50	20.59	20.64	20.51		
15	64QAM	75	0	20.64	20.57	20.76	20.59	20.58		
15	256QAM	1	0	18.32	18.18	18.40	18.26	18.34		
15	256QAM	1	37	18.24	18.20	18.41	18.16	18.35	19	4
15	256QAM	1	74	18.11	18.20	18.25	18.25	18.11		
15	256QAM	36	0	18.56	18.38	18.56	18.45	18.43		
15	256QAM	36	20	18.37	18.32	18.42	18.30	18.22	19	4
15	256QAM	36	39	18.28	18.23	18.37	18.24	18.30		
15	256QAM	75	0	18.45	18.45	18.53	18.43	18.56		
Channel				39700	40160	40620	41080	41540	Tune-up limit	MPR
Frequency (MHz)				2501	2547	2593	2639	2685	(dBm)	(dB)
10	QPSK	1	0	21.88	21.84	21.92	21.79	21.92		
10	QPSK	1	25	21.83	21.75	21.94	21.78	21.79	23.00	0
10	QPSK	1	49	21.65	21.77	21.78	21.73	21.79		
10	QPSK	25	0	21.87	21.74	21.90	21.66	21.68		
10	QPSK	25	12	21.77	21.69	21.71	21.72	21.76	23	0
10	QPSK	25	25	21.73	21.71	21.71	21.60	21.69		
10	QPSK	50	0	21.73	21.55	21.85	21.68	21.80		
10	16QAM	1	0	21.68	21.71	21.85	21.84	21.92		
10	16QAM	1	25	21.61	21.72	21.62	21.60	21.62	23	0
10	16QAM	1	49	21.76	21.63	21.86	21.61	21.63		
10	16QAM	25	0	21.51	21.39	21.52	21.42	21.41		
10	16QAM	25	12	21.33	21.36	21.31	21.37	21.18	22	1
10	16QAM	25	25	21.27	21.32	21.37	21.25	21.22		
10	16QAM	50	0	21.51	21.50	21.60	21.45	21.49		
10	64QAM	1	0	21.57	21.40	21.52	21.45	21.59		
10	64QAM	1	25	21.46	21.42	21.42	21.43	21.50	22	1
10	64QAM	1	49	21.37	21.35	21.49	21.24	21.38		
10	64QAM	25	0	20.76	20.60	20.83	20.71	20.65		
10	64QAM	25	12	20.47	20.56	20.67	20.58	20.57	21	2
10	64QAM	25	25	20.53	20.49	20.59	20.60	20.54		
10	64QAM	50	0	20.58	20.63	20.69	20.54	20.56		
10	256QAM	1	0	18.35	18.27	18.38	18.36	18.35		
10	256QAM	1	25	18.26	18.23	18.46	18.26	18.30	19	4
10	256QAM	1	49	18.08	18.21	18.23	18.24	18.03		
10	256QAM	25	0	18.55	18.38	18.55	18.44	18.50		
10	256QAM	25	12	18.32	18.42	18.37	18.39	18.29	19	4
10	256QAM	25	25	18.30	18.31	18.41	18.25	18.36		
10	256QAM	50	0	18.52	18.39	18.62	18.45	18.58		
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	21.92	21.90	21.90	21.81	21.93		
5	QPSK	1	12	21.80	21.74	22.00	21.67	21.84	23.00	0
5	QPSK	1	24	21.67	21.82	21.74	21.70	21.73		
5	QPSK	12	0	21.80	21.67	21.91	21.66	21.68		
5	QPSK	12	7	21.68	21.69	21.71	21.73	21.70	23	0
5	QPSK	12	13	21.74	21.65	21.68	21.60	21.67		
5	QPSK	25	0	21.75	21.61	21.86	21.69	21.89		
5	16QAM	1	0	21.71	21.75	21.87	21.75	21.87		
5	16QAM	1	12	21.58	21.68	21.68	21.59	21.62	23	0
5	16QAM	1	24	21.75	21.65	21.86	21.62	21.63		
5	16QAM	12	0	21.47	21.42	21.53	21.42	21.38		
5	16QAM	12	7	21.27	21.33	21.40	21.41	21.24	22	1
5	16QAM	12	13	21.20	21.33	21.36	21.26	21.31		
5	16QAM	25	0	21.44	21.45	21.55	21.44	21.51		
5	64QAM	1	0	21.48	21.44	21.55	21.53	21.55		
5	64QAM	1	12	21.39	21.38	21.48	21.43	21.41	22	1
5	64QAM	1	24	21.41	21.40	21.55	21.27	21.39		
5	64QAM	12	0	20.80	20.59	20.74	20.73	20.60		
5	64QAM	12	7	20.49	20.54	20.68	20.54	20.46	21	2
5	64QAM	12	13	20.49	20.51	20.57	20.65	20.45		
5	64QAM	25	0	20.59	20.59	20.76	20.57	20.60		
5	256QAM	1	0	18.36	18.24	18.40	18.27	18.44		
5	256QAM	1	12	18.26	18.24	18.46	18.21	18.30	19	4
5	256QAM	1	24	18.10	18.27	18.25	18.19	18.00		
5	256QAM	12	0	18.55	18.38	18.60	18.38	18.50		
5	256QAM	12	7	18.27	18.37	18.44	18.31	18.24	19	4
5	256QAM	12	13	18.33	18.21	18.38	18.34	18.35		
5	256QAM	25	0	18.47	18.38	18.54	18.49	18.48		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	23.49	23.39	23.61	23.39	23.22	24.6	0
20	QPSK	1	49	23.35	23.17	23.39	23.38	23.19		
20	QPSK	1	99	23.16	23.21	23.49	23.43	23.20		
20	QPSK	50	0	23.11	23.11	23.31	23.16	23.06	24.6	0
20	QPSK	50	24	23.04	22.91	23.15	23.12	22.95		
20	QPSK	50	50	22.89	22.97	23.04	22.97	22.97		
20	QPSK	100	0	23.01	23.04	23.19	23.01	22.94		
20	16QAM	1	0	23.24	23.33	23.50	23.35	23.32	24.6	0
20	16QAM	1	49	23.19	23.33	23.38	23.19	23.22		
20	16QAM	1	99	23.07	23.23	23.33	23.17	23.03		
20	16QAM	50	0	23.07	23.14	23.30	23.07	23.09	24.6	0
20	16QAM	50	24	23.04	23.10	23.14	23.03	22.94		
20	16QAM	50	50	22.92	23.07	23.08	22.93	22.94		
20	16QAM	100	0	23.01	23.08	23.31	23.04	23.00		
20	64QAM	1	0	23.17	23.19	23.39	23.21	23.14	24.6	0
20	64QAM	1	49	23.14	23.29	23.35	23.22	23.07		
20	64QAM	1	99	22.92	23.14	23.12	23.21	22.91		
20	64QAM	50	0	23.27	23.38	23.38	23.25	23.17	24.6	0
20	64QAM	50	24	23.20	23.35	23.29	23.26	23.12		
20	64QAM	50	50	23.04	23.11	23.20	23.18	23.10		
20	64QAM	100	0	23.22	23.36	23.31	23.25	23.11		
20	256QAM	1	0	22.23	22.32	22.43	22.29	22.23	23	1.6
20	256QAM	1	49	22.22	22.24	22.43	22.28	22.21		
20	256QAM	1	99	22.06	22.17	22.21	22.21	22.17		
20	256QAM	50	0	22.11	22.12	22.25	22.15	22.07	23	1.6
20	256QAM	50	24	22.05	22.08	22.06	22.12	22.09		
20	256QAM	50	50	21.91	22.04	22.11	22.02	21.89		
20	256QAM	100	0	22.02	22.19	22.30	22.10	22.00		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	23.41	23.26	23.55	23.28	23.15	25	0
15	QPSK	1	37	23.25	23.08	23.37	23.28	23.10		
15	QPSK	1	74	23.13	23.07	23.37	23.32	23.15		
15	QPSK	36	0	23.00	23.06	23.22	23.03	23.02	24.6	0
15	QPSK	36	20	22.98	22.84	23.11	23.09	22.82		
15	QPSK	36	39	22.76	22.88	22.98	22.91	22.88		
15	QPSK	75	0	22.94	22.99	23.12	22.94	22.82		
15	16QAM	1	0	23.18	23.27	23.46	23.27	23.20	24.6	0
15	16QAM	1	37	23.11	23.21	23.34	23.16	23.13		
15	16QAM	1	74	22.97	23.16	23.27	23.09	22.99		
15	16QAM	36	0	22.98	23.03	23.22	22.98	22.96	24.6	0
15	16QAM	36	20	23.00	23.05	23.03	22.90	22.89		
15	16QAM	36	39	22.79	22.98	23.04	22.89	22.87		
15	16QAM	75	0	22.93	23.01	23.23	22.90	22.89		
15	64QAM	1	0	23.15	23.12	23.26	23.10	23.01	24.6	0
15	64QAM	1	37	23.05	23.17	23.26	23.12	23.04		
15	64QAM	1	74	22.80	23.01	23.05	23.11	22.81		
15	64QAM	36	0	23.14	23.26	23.30	23.22	23.14	24.6	0
15	64QAM	36	20	23.15	23.26	23.25	23.21	23.10		
15	64QAM	36	39	22.93	23.02	23.09	23.08	22.99		
15	64QAM	75	0	23.13	23.31	23.19	23.14	22.98		
15	256QAM	1	0	22.13	22.20	22.31	22.16	22.12	23	1.6
15	256QAM	1	37	22.15	22.12	22.34	22.25	22.14		
15	256QAM	1	74	22.00	22.09	22.18	22.16	22.06		
15	256QAM	36	0	21.97	22.00	22.17	22.11	21.93	23	1.6
15	256QAM	36	20	21.94	22.05	21.98	22.06	22.05		
15	256QAM	36	39	21.83	21.90	22.07	21.93	21.83		
15	256QAM	75	0	21.88	22.08	22.22	22.01	21.95		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	23.46	23.27	23.57	23.36	23.19	25	0
10	QPSK	1	25	23.28	23.14	23.35	23.30	23.13		
10	QPSK	1	49	23.10	23.18	23.45	23.39	23.07		
10	QPSK	25	0	22.99	22.98	23.23	23.02	23.03	24.6	0
10	QPSK	25	12	22.92	22.78	23.06	23.03	22.91		
10	QPSK	25	25	22.85	22.86	22.93	22.95	22.90		
10	QPSK	50	0	22.88	22.90	23.09	22.99	22.89		
10	16QAM	1	0	23.16	23.20	23.44	23.25	23.29	24.6	0
10	16QAM	1	25	23.16	23.24	23.29	23.07	23.17		
10	16QAM	1	49	22.96	23.15	23.26	23.07	22.98		
10	16QAM	25	0	23.02	23.08	23.17	22.95	22.97	24.6	0
10	16QAM	25	12	22.97	23.04	23.08	22.89	22.85		
10	16QAM	25	25	22.80	22.95	23.02	22.90	22.84		
10	16QAM	50	0	22.94	22.94	23.17	22.97	22.94		
10	64QAM	1	0	23.14	23.14	23.27	23.11	23.05	24.6	0
10	64QAM	1	25	23.11	23.18	23.23	23.18	23.01		
10	64QAM	1	49	22.90	23.12	23.08	23.16	22.83		
10	64QAM	25	0	23.24	23.29	23.33	23.22	23.06	24.6	0
10	64QAM	25	12	23.15	23.25	23.21	23.20	23.07		
10	64QAM	25	25	22.93	23.08	23.12	23.06	23.00		
10	64QAM	50	0	23.13	23.31	23.19	23.16	23.01		
10	256QAM	1	0	22.13	22.29	22.34	22.16	22.14	23	1.6
10	256QAM	1	25	22.15	22.13	22.38	22.14	22.14		
10	256QAM	1	49	21.99	22.05	22.12	22.15	22.05		
10	256QAM	25	0	22.07	22.01	22.17	22.11	22.03	23	1.6
10	256QAM	25	12	21.93	22.03	21.96	22.07	22.02		
10	256QAM	25	25	21.85	21.97	22.05	21.96	21.81		
10	256QAM	50	0	21.94	22.05	22.27	22.00	21.97		
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	23.46	23.25	23.55	23.33	23.09	25	0
5	QPSK	1	12	23.25	23.13	23.30	23.25	23.06		
5	QPSK	1	24	23.07	23.13	23.39	23.31	23.18		
5	QPSK	12	0	23.07	23.06	23.21	23.03	23.02	24.6	0
5	QPSK	12	7	22.99	22.83	23.09	23.09	22.87		
5	QPSK	12	13	22.86	22.90	22.98	22.89	22.83		
5	QPSK	25	0	22.94	22.93	23.08	22.93	22.85		
5	16QAM	1	0	23.20	23.25	23.46	23.30	23.19	24.6	0
5	16QAM	1	12	23.13	23.24	23.29	23.16	23.17		
5	16QAM	1	24	22.96	23.11	23.19	23.06	22.99		
5	16QAM	12	0	22.96	23.12	23.21	22.94	22.98	24.6	0
5	16QAM	12	7	22.94	23.05	23.12	22.96	22.83		
5	16QAM	12	13	22.80	22.96	22.98	22.87	22.82		
5	16QAM	25	0	22.91	23.02	23.24	23.00	22.89		
5	64QAM	1	0	23.08	23.10	23.32	23.12	23.09	24.6	0
5	64QAM	1	12	23.07	23.23	23.25	23.15	23.01		
5	64QAM	1	24	22.89	23.06	23.00	23.14	22.82		
5	64QAM	12	0	23.20	23.34	23.35	23.19	23.13	24.6	0
5	64QAM	12	7	23.16	23.28	23.22	23.21	23.05		
5	64QAM	12	13	22.93	22.98	23.07	23.12	23.00		
5	64QAM	25	0	23.11	23.27	23.20	23.16	23.03		
5	256QAM	1	0	22.16	22.26	22.34	22.21	22.19	23	1.6
5	256QAM	1	12	22.14	22.15	22.32	22.14	22.13		
5	256QAM	1	24	21.98	22.07	22.09	22.12	22.12		
5	256QAM	12	0	21.97	22.01	22.20	22.04	21.93	23	1.6
5	256QAM	12	7	21.94	21.99	21.92	21.99	22.06		
5	256QAM	12	13	21.84	21.94	22.08	21.88	21.85		
5	256QAM	25	0	21.89	22.08	22.27	22.00	21.86		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	15.24	15.44	15.38	15.35	16.4	0
20	QPSK	1	49	15.19	15.28	15.31	15.19		
20	QPSK	1	99	15.18	15.29	15.20	15.15		
20	QPSK	50	0	15.24	15.41	15.26	15.25	16.4	0
20	QPSK	50	24	15.24	15.25	15.29	15.23		
20	QPSK	50	50	15.12	15.18	15.25	15.14		
20	QPSK	100	0	15.08	15.29	15.09	15.24		
20	16QAM	1	0	15.21	15.41	15.26	15.36	16.4	0
20	16QAM	1	49	15.14	15.15	15.17	15.14		
20	16QAM	1	99	15.06	15.18	15.20	15.13		
20	16QAM	50	0	15.22	15.33	15.26	15.29	16.4	0
20	16QAM	50	24	15.18	15.22	15.21	15.17		
20	16QAM	50	50	15.15	15.17	15.22	15.02		
20	16QAM	100	0	14.99	15.22	15.19	15.14		
20	64QAM	1	0	15.10	15.34	15.21	15.28	16.4	0
20	64QAM	1	49	15.07	15.19	15.14	15.10		
20	64QAM	1	99	15.03	15.10	15.12	14.89		
20	64QAM	50	0	15.06	15.35	15.15	15.26	16.4	0
20	64QAM	50	24	15.14	15.18	15.18	15.04		
20	64QAM	50	50	14.93	15.20	15.13	15.11		
20	64QAM	100	0	15.13	15.22	15.18	15.03		
20	256QAM	1	0	15.25	15.35	15.22	15.35	16.4	0
20	256QAM	1	49	15.08	15.20	15.26	15.15		
20	256QAM	1	99	15.15	15.14	15.17	15.02		
20	256QAM	50	0	15.27	15.36	15.22	15.29	16.4	0
20	256QAM	50	24	15.25	15.32	15.26	15.25		
20	256QAM	50	50	15.19	15.27	15.20	15.18		
20	256QAM	100	0	15.10	15.19	15.17	14.99		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	15.21	15.39	15.30	15.22	16.4	0
15	QPSK	1	37	15.07	15.25	15.20	15.12		
15	QPSK	1	74	15.10	15.23	15.12	15.00		
15	QPSK	36	0	15.13	15.33	15.22	15.22	16.4	0
15	QPSK	36	20	15.14	15.20	15.20	15.11		
15	QPSK	36	39	15.03	15.09	15.13	15.03		
15	QPSK	75	0	14.94	15.22	15.01	15.16		
15	16QAM	1	0	15.12	15.28	15.12	15.30	16.4	0
15	16QAM	1	37	15.11	15.03	15.07	15.08		
15	16QAM	1	74	14.93	15.07	15.15	15.01		
15	16QAM	36	0	15.14	15.22	15.14	15.25	16.4	0
15	16QAM	36	20	15.14	15.07	15.10	15.13		
15	16QAM	36	39	15.05	15.03	15.17	14.99		
15	16QAM	75	0	14.86	15.10	15.15	15.00		
15	64QAM	1	0	15.01	15.20	15.13	15.17	16.4	0
15	64QAM	1	37	14.99	15.15	15.07	15.04		
15	64QAM	1	74	14.92	15.03	15.09	14.78		
15	64QAM	36	0	14.94	15.29	15.01	15.22	16.4	0
15	64QAM	36	20	15.10	15.11	15.05	15.00		
15	64QAM	36	39	14.85	15.09	15.03	14.96		
15	64QAM	75	0	15.01	15.11	15.10	14.98		
15	256QAM	1	0	15.18	15.29	15.19	15.30	16.4	0
15	256QAM	1	37	15.03	15.15	15.17	15.09		
15	256QAM	1	74	15.09	15.05	15.07	14.92		
15	256QAM	36	0	15.17	15.31	15.15	15.21	16.4	0
15	256QAM	36	20	15.13	15.27	15.12	15.11		
15	256QAM	36	39	15.06	15.13	15.06	15.09		
15	256QAM	75	0	14.95	15.10	15.13	14.94		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	15.18	15.36	15.24	15.25	16.4	0
10	QPSK	1	25	15.04	15.24	15.24	15.11		
10	QPSK	1	49	15.13	15.18	15.12	15.08		
10	QPSK	25	0	15.11	15.33	15.12	15.14	16.4	0
10	QPSK	25	12	15.16	15.18	15.19	15.14		
10	QPSK	25	25	15.04	15.03	15.17	15.03		
10	QPSK	50	0	14.99	15.20	14.99	15.19		
10	16QAM	1	0	15.07	15.34	15.17	15.31	16.4	0
10	16QAM	1	25	15.05	15.10	15.11	15.11		
10	16QAM	1	49	14.98	15.10	15.06	15.04		
10	16QAM	25	0	15.07	15.28	15.20	15.15	16.4	0
10	16QAM	25	12	15.11	15.09	15.10	15.03		
10	16QAM	25	25	15.06	15.04	15.14	14.97		
10	16QAM	50	0	14.85	15.18	15.11	15.01		
10	64QAM	1	0	14.96	15.20	15.07	15.19	16.4	0
10	64QAM	1	25	14.96	15.15	15.05	15.04		
10	64QAM	1	49	14.93	15.06	15.05	14.75		
10	64QAM	25	0	15.01	15.23	15.04	15.11	16.4	0
10	64QAM	25	12	15.02	15.08	15.03	14.91		
10	64QAM	25	25	14.82	15.08	15.03	15.01		
10	64QAM	50	0	15.00	15.10	15.09	14.93		
10	256QAM	1	0	15.18	15.20	15.17	15.26	16.4	0
10	256QAM	1	25	15.01	15.11	15.20	15.01		
10	256QAM	1	49	15.09	15.03	15.07	14.95		
10	256QAM	25	0	15.17	15.33	15.09	15.16	16.4	0
10	256QAM	25	12	15.11	15.28	15.19	15.20		
10	256QAM	25	25	15.14	15.22	15.07	15.13		
10	256QAM	50	0	15.06	15.06	15.13	14.89		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	15.12	15.33	15.24	15.31	16.4	0
5	QPSK	1	12	15.13	15.16	15.26	15.15		
5	QPSK	1	24	15.13	15.24	15.17	15.10		
5	QPSK	12	0	15.17	15.32	15.17	15.11	16.4	0
5	QPSK	12	7	15.10	15.10	15.19	15.12		
5	QPSK	12	13	15.00	15.03	15.11	15.07		
5	QPSK	25	0	14.99	15.15	14.99	15.18		
5	16QAM	1	0	15.10	15.37	15.14	15.27	16.4	0
5	16QAM	1	12	15.00	15.08	15.10	14.99		
5	16QAM	1	24	15.00	15.11	15.07	15.07		
5	16QAM	12	0	15.15	15.26	15.16	15.24	16.4	0
5	16QAM	12	7	15.05	15.16	15.14	15.02		
5	16QAM	12	13	15.10	15.03	15.11	14.97		
5	16QAM	25	0	14.88	15.14	15.16	15.00		
5	64QAM	1	0	15.01	15.29	15.07	15.15	16.4	0
5	64QAM	1	12	15.01	15.11	15.09	14.96		
5	64QAM	1	24	14.91	15.02	15.03	14.87		
5	64QAM	12	0	14.99	15.21	15.12	15.22	16.4	0
5	64QAM	12	7	15.07	15.08	15.12	14.89		
5	64QAM	12	13	14.80	15.08	15.00	14.99		
5	64QAM	25	0	15.02	15.13	15.11	15.00		
5	256QAM	1	0	15.11	15.23	15.17	15.23	16.4	0
5	256QAM	1	12	15.01	15.17	15.17	15.02		
5	256QAM	1	24	15.09	15.07	15.06	14.95		
5	256QAM	12	0	15.18	15.22	15.18	15.16	16.4	0
5	256QAM	12	7	15.15	15.26	15.18	15.16		
5	256QAM	12	13	15.11	15.16	15.12	15.06		
5	256QAM	25	0	14.98	15.07	15.07	14.93		

Reduced Power Mode for DSI6-Standalone

GSM850 Ant0

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	32.90	32.97	32.94	33.50	23.90	23.97	23.94	24.50
GPRS 1 Tx slot	32.83	32.94	32.91	33.50	23.83	23.94	23.91	24.50
GPRS 2 Tx slots	29.30	29.41	29.26	30.50	23.30	23.41	23.26	24.50
GPRS 3 Tx slots	28.91	28.98	28.86	30.00	24.65	24.72	24.60	25.74
GPRS 4 Tx slots	26.41	26.47	26.40	27.50	23.41	23.47	23.40	24.50
EDGE 1 Tx slot	25.42	25.46	25.37	26.50	16.42	16.46	16.37	17.50
EDGE 2 Tx slots	23.77	23.89	23.79	25.00	17.77	17.89	17.79	19.00
EDGE 3 Tx slots	22.66	22.69	22.62	23.50	18.40	18.43	18.36	19.24
EDGE 4 Tx slots	20.59	20.63	20.60	21.50	17.59	17.63	17.60	18.50

GSM1900 Ant0

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	27.61	27.66	27.57	28.50	18.61	18.66	18.57	19.50
GPRS 1 Tx slot	27.54	27.63	27.58	28.50	18.54	18.63	18.58	19.50
GPRS 2 Tx slots	24.84	24.94	24.83	26.00	18.84	18.94	18.83	20.00
GPRS 3 Tx slots	23.33	23.39	23.33	24.50	19.07	19.13	19.07	20.24
GPRS 4 Tx slots	20.70	20.75	20.68	21.50	17.70	17.75	17.68	18.50
EDGE 1 Tx slot	22.79	22.87	22.73	23.50	13.79	13.87	13.73	14.50
EDGE 2 Tx slots	21.09	21.19	21.11	22.00	15.09	15.19	15.11	16.00
EDGE 3 Tx slots	20.07	20.12	20.04	21.00	15.81	15.86	15.78	16.74
EDGE 4 Tx slots	17.96	18.09	18.04	19.00	14.96	15.09	15.04	16.00

WCDMA II Ant0 / WCDMA IV Ant0 / WCDMA V Ant0

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	1732.8	1752.8		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	20.57	20.65	20.53	22.00	20.39	20.47	20.38	22.00	22.43	22.47	22.40	24.00
3GPP Rel 99	RMC 12.2Kbps	20.62	20.68	20.57	22.00	20.45	20.51	20.41	22.00	22.45	22.52	22.46	24.00
3GPP Rel 6	HSDPA Subtest-1	19.72	19.76	19.70	21.00	19.59	19.66	19.50	21.00	21.55	21.69	21.48	23.00
3GPP Rel 6	HSDPA Subtest-2	19.66	19.73	19.65	21.00	19.50	19.58	19.52	21.00	21.46	21.60	21.54	23.00
3GPP Rel 6	HSDPA Subtest-3	19.19	19.25	19.23	20.50	19.00	19.11	19.08	20.50	21.01	21.14	21.04	22.50
3GPP Rel 6	HSDPA Subtest-4	19.15	19.30	19.21	20.50	18.96	19.18	19.03	20.50	20.98	21.24	21.06	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	19.70	19.85	19.64	21.00	19.54	19.68	19.46	21.00	21.55	21.72	21.42	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	19.56	19.59	19.41	21.00	19.38	19.40	19.32	21.00	21.34	21.42	21.32	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	19.06	19.12	19.05	20.50	18.92	18.93	18.89	20.50	20.95	20.93	20.92	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	19.02	19.15	19.12	20.50	18.90	18.99	19.01	20.50	20.89	21.00	21.03	22.50
3GPP Rel 6	HSUPA Subtest-1	19.66	19.73	19.70	21.00	19.55	19.63	19.61	21.00	21.61	21.68	21.67	23.00
3GPP Rel 6	HSUPA Subtest-2	17.71	17.75	17.64	19.00	17.54	17.60	17.51	19.00	19.57	19.63	19.50	21.00
3GPP Rel 6	HSUPA Subtest-3	18.65	18.73	18.70	20.00	18.52	18.58	18.58	20.00	20.52	20.59	20.61	22.00
3GPP Rel 6	HSUPA Subtest-4	17.61	17.66	17.57	19.00	17.44	17.51	17.48	19.00	19.45	19.52	19.49	21.00
3GPP Rel 6	HSUPA Subtest-5	19.64	19.60	19.52	21.00	19.53	19.48	19.38	21.00	21.55	21.44	21.40	23.00

Band 2 Ant0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	23.11	23.16	23.07		
20	QPSK	1	49	22.93	23.02	22.89	24	0
20	QPSK	1	99	22.95	22.62	22.97		
20	QPSK	50	0	22.98	23.13	23.05		
20	QPSK	50	24	22.94	23.08	22.98	24	0
20	QPSK	50	50	22.92	23.04	22.96		
20	QPSK	100	0	22.99	23.00	22.91		
20	16QAM	1	0	22.95	23.02	22.88		
20	16QAM	1	49	22.85	22.98	22.90	24	0
20	16QAM	1	99	22.70	22.85	22.80		
20	16QAM	50	0	22.55	22.62	22.54		
20	16QAM	50	24	22.34	22.48	22.34	23.5	0.5
20	16QAM	50	50	22.35	22.42	22.27		
20	16QAM	100	0	22.39	22.52	22.47		
20	64QAM	1	0	22.72	22.82	22.72		
20	64QAM	1	49	22.68	22.76	22.67	23.5	0.5
20	64QAM	1	99	22.50	22.55	22.46		
20	64QAM	50	0	21.64	21.71	21.56		
20	64QAM	50	24	21.46	21.55	21.50	22.5	1.5
20	64QAM	50	50	21.42	21.46	21.35		
20	64QAM	100	0	21.43	21.52	21.38		
20	256QAM	1	0	19.80	19.89	19.85		
20	256QAM	1	49	19.82	19.86	19.80	20.5	3.5
20	256QAM	1	99	19.56	19.62	19.57		
20	256QAM	50	0	19.74	19.86	19.80		
20	256QAM	50	24	19.60	19.73	19.63	20.5	3.5
20	256QAM	50	50	19.70	19.81	19.78		
20	256QAM	100	0	19.67	19.78	19.67		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	23.03	23.10	22.99		
15	QPSK	1	37	22.79	22.87	22.82	24	0
15	QPSK	1	74	22.91	22.95	22.83		
15	QPSK	36	0	22.87	22.99	22.90		
15	QPSK	36	20	22.81	22.94	22.87	24	0
15	QPSK	36	39	22.87	22.92	22.82		
15	QPSK	75	0	22.91	23.00	22.89		
15	16QAM	1	0	22.90	22.90	22.79		
15	16QAM	1	37	22.77	22.86	22.83	24	0
15	16QAM	1	74	22.56	22.66	22.66		
15	16QAM	36	0	22.50	22.55	22.45		
15	16QAM	36	20	22.21	22.37	22.26	23.5	0.5
15	16QAM	36	39	22.24	22.31	22.19		
15	16QAM	75	0	22.31	22.48	22.42		
15	64QAM	1	0	22.67	22.68	22.59		
15	64QAM	1	37	22.59	22.72	22.61	23.5	0.5
15	64QAM	1	74	22.42	22.40	22.34		
15	64QAM	36	0	21.56	21.67	21.49		
15	64QAM	36	20	21.36	21.46	21.43	22.5	1.5
15	64QAM	36	39	21.28	21.35	21.23		
15	64QAM	75	0	21.38	21.37	21.29		
15	256QAM	1	0	19.65	19.84	19.70		
15	256QAM	1	37	19.69	19.82	19.77	20.5	3.5
15	256QAM	1	74	19.42	19.51	19.42		
15	256QAM	36	0	19.65	19.73	19.66		
15	256QAM	36	20	19.48	19.65	19.50	20.5	3.5
15	256QAM	36	39	19.66	19.73	19.67		
15	256QAM	75	0	19.58	19.71	19.56		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	22.92	23.04	22.91		
10	QPSK	1	25	22.87	22.88	22.81	24	0
10	QPSK	1	49	22.92	22.94	22.82		
10	QPSK	25	0	22.83	23.01	23.01		
10	QPSK	25	12	22.81	23.00	22.94	24	0
10	QPSK	25	25	22.80	22.89	22.89		
10	QPSK	50	0	22.89	22.95	22.91		
10	16QAM	1	0	22.88	22.90	22.86		
10	16QAM	1	25	22.79	22.91	22.85	24	0
10	16QAM	1	49	22.59	22.73	22.76		
10	16QAM	25	0	22.48	22.51	22.42		
10	16QAM	25	12	22.20	22.34	22.20	23.5	0.5
10	16QAM	25	25	22.26	22.27	22.20		
10	16QAM	50	0	22.28	22.44	22.37		
10	64QAM	1	0	22.60	22.76	22.60		
10	64QAM	1	25	22.56	22.64	22.58	23.5	0.5
10	64QAM	1	49	22.43	22.45	22.32		
10	64QAM	25	0	21.56	21.57	21.45		
10	64QAM	25	12	21.33	21.46	21.44	22.5	1.5
10	64QAM	25	25	21.39	21.36	21.28		
10	64QAM	50	0	21.31	21.39	21.27		
10	256QAM	1	0	19.76	19.86	19.77		
10	256QAM	1	25	19.77	19.82	19.68	20.5	3.5
10	256QAM	1	49	19.52	19.50	19.53		
10	256QAM	25	0	19.60	19.82	19.70		
10	256QAM	25	12	19.66	19.61	19.51	20.5	3.5
10	256QAM	25	25	19.63	19.71	19.66		
10	256QAM	50	0	19.52	19.66	19.61		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	23.02	23.06	22.99		
5	QPSK	1	12	22.88	22.95	22.74	24	0
5	QPSK	1	24	22.90	22.95	22.94		
5	QPSK	12	0	22.93	23.02	22.90		
5	QPSK	12	7	22.89	23.03	22.87	24	0
5	QPSK	12	13	22.80	22.98	22.82		
5	QPSK	25	0	22.88	22.93	22.92		
5	16QAM	1	0	22.91	22.88	22.83		
5	16QAM	1	12	22.79	22.94	22.82	24	0
5	16QAM	1	24	22.58	22.74	22.70		
5	16QAM	12	0	22.40	22.49	22.41		
5	16QAM	12	7	22.22	22.41	22.27	23.5	0.5
5	16QAM	12	13	22.31	22.53	22.14		
5	16QAM	25	0	22.26	22.38	22.37		
5	64QAM	1	0	22.59	22.68	22.64		
5	64QAM	1	12	22.61	22.73	22.63	23.5	0.5
5	64QAM	1	24	22.42	22.54	22.39		
5	64QAM	12	0	21.54	21.68	21.43		
5	64QAM	12	7	21.31	21.46	21.42	22.5	1.5
5	64QAM	12	13	21.29	21.32	21.21		
5	64QAM	25	0	21.30	21.40	21.29		
5	256QAM	1	0	19.74	19.84	19.67		
5	256QAM	1	12	19.75	19.78	19.67	20.5	3.5
5	256QAM	1	24	19.49	19.55	19.49		
5	256QAM	12	0	19.66	19.70	19.71		
5	256QAM	12	7	19.51	19.69	19.55	20.5	3.5
5	256QAM	12	13	19.67	19.74	19.64		
5	256QAM	25	0	19.62	19.73	19.58		
Channel				18525	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	23.01	23.02	22.96		
3	QPSK	1	8	22.89	22.91	22.86	24	0
3	QPSK	1	14	22.89	22.95	22.83		
3	QPSK	8	0	22.91	23.06	22.98		
3	QPSK	8	4	22.83	23.04	22.92	24	0
3	QPSK	8	7	22.86	22.99	22.83		
3	QPSK	15	0	22.87	22.98	22.90		
3	16QAM	1	0	22.85	22.98	22.83		
3	16QAM	1	8	22.71	22.87	22.78	24	0
3	16QAM	1	14	22.59	22.74	22.65		
3	16QAM	8	0	22.41	22.57	22.40		
3	16QAM	8	4	22.23	22.41	22.24	23.5	0.5
3	16QAM	8	7	22.31	22.33	22.14		
3	16QAM	15	0	22.31	22.45	22.41		
3	64QAM	1	0	22.59	22.77	22.60		
3	64QAM	1	8	22.55	22.67	22.54	23.5	0.5
3	64QAM	1	14	22.42	22.43	22.38		
3	64QAM	8	0	21.56	21.59	21.52		
3	64QAM	8	4	21.35	21.45	21.35	22.5	1.5
3	64QAM	8	7	21.34	21.33	21.27		
3	64QAM	15	0	21.34	21.44	21.30		
3	256QAM	1	0	19.77	19.76	19.69		
3	256QAM	1	8	19.76	19.79	19.65	20.5	3.5
3	256QAM	1	14	19.52	19.58	19.51		
3	256QAM	8	0	19.71	19.75	19.75		
3	256QAM	8	4	19.50	19.68	19.59	20.5	3.5
3	256QAM	8	7	19.60	19.66	19.73		
3	256QAM	15	0	19.53	19.70	19.59		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	23.04	23.11	23.01		
1.4	QPSK	1	3	22.83	22.95	22.74		
1.4	QPSK	1	5	22.86	22.99	22.85	24	0
1.4	QPSK	3	0	22.85	23.08	23.01		
1.4	QPSK	3	1	22.85	23.04	22.84		
1.4	QPSK	3	3	22.78	22.94	22.88		
1.4	QPSK	6	0	22.84	23.00	22.90	24	0
1.4	16QAM	1	0	22.80	22.93	22.87		
1.4	16QAM	1	3	22.82	22.86	22.78		
1.4	16QAM	1	5	22.86	22.93	22.90	24	0
1.4	16QAM	3	0	22.83	22.95	22.79		
1.4	16QAM	3	1	22.78	22.88	22.80		
1.4	16QAM	3	3	22.61	22.77	22.73		
1.4	16QAM	6	0	22.51	22.52	22.43	23.5	0.5
1.4	64QAM	1	0	22.19	22.34	22.24		
1.4	64QAM	1	3	22.21	22.32	22.21		
1.4	64QAM	1	5	22.25	22.45	22.39	23.5	0.5
1.4	64QAM	3	0	22.58	22.77	22.63		
1.4	64QAM	3	1	22.60	22.67	22.52		
1.4	64QAM	3	3	22.35	22.40	22.40		
1.4	64QAM	6	0	21.53	21.61	21.43	22.5	1.5
1.4	256QAM	1	0	19.76	19.83	19.76		
1.4	256QAM	1	3	19.77	19.82	19.69		
1.4	256QAM	1	5	19.47	19.55	19.49	20.5	3.5
1.4	256QAM	3	0	19.67	19.82	19.67		
1.4	256QAM	3	1	19.47	19.66	19.54		
1.4	256QAM	3	3	19.62	19.75	19.72		
1.4	256QAM	6	0	19.57	19.73	19.54	20.5	3.5

Band 4 Ant0

BW [MHz]	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	23.07	23.21	23.15		
20	QPSK	1	49	22.94	23.09	23.06	24	0
20	QPSK	1	99	22.89	23.05	23.00		
20	QPSK	50	0	22.97	23.18	23.05		
20	QPSK	50	24	23.02	23.09	22.99	24	0
20	QPSK	50	50	22.95	23.02	22.95		
20	QPSK	100	0	23.03	23.14	23.04		
20	16QAM	1	0	22.93	23.07	22.87		
20	16QAM	1	49	22.87	22.91	22.91	24	0
20	16QAM	1	99	22.75	22.87	22.83		
20	16QAM	50	0	22.72	22.92	22.75		
20	16QAM	50	24	22.66	22.80	22.75	23.5	0.5
20	16QAM	50	50	22.63	22.73	22.71		
20	16QAM	100	0	22.75	22.86	22.78		
20	64QAM	1	0	22.80	22.96	22.80		
20	64QAM	1	49	22.78	22.76	22.83	23.5	0.5
20	64QAM	1	99	22.65	22.82	22.69		
20	64QAM	50	0	21.86	21.97	21.80		
20	64QAM	50	24	21.79	21.80	21.76	22.5	1.5
20	64QAM	50	50	21.75	21.73	21.70		
20	64QAM	100	0	21.73	21.89	21.71		
20	256QAM	1	0	19.91	20.01	19.84		
20	256QAM	1	49	19.74	19.88	19.86	20.5	3.5
20	256QAM	1	99	19.77	19.78	19.72		
20	256QAM	50	0	19.77	19.98	19.88		
20	256QAM	50	24	19.76	19.80	19.73	20.5	3.5
20	256QAM	50	50	19.72	19.74	19.74		
20	256QAM	100	0	19.70	19.83	19.67		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	23.02	23.14	23.06		
15	QPSK	1	37	22.83	22.92	22.96	24	0
15	QPSK	1	74	22.85	22.95	22.96		
15	QPSK	36	0	22.87	23.05	23.01		
15	QPSK	36	20	22.95	23.06	22.87	24	0
15	QPSK	36	39	22.81	22.96	22.82		
15	QPSK	75	0	22.95	23.04	22.95		
15	16QAM	1	0	22.83	23.04	22.72		
15	16QAM	1	37	22.82	22.77	22.82	24	0
15	16QAM	1	74	22.67	22.80	22.78		
15	16QAM	36	0	22.62	22.84	22.67		
15	16QAM	36	20	22.59	22.70	22.68	23.5	0.5
15	16QAM	36	39	22.49	22.62	22.65		
15	16QAM	75	0	22.62	22.81	22.68		
15	64QAM	1	0	22.69	22.84	22.66		
15	64QAM	1	37	22.72	22.70	22.77	23.5	0.5
15	64QAM	1	74	22.50	22.73	22.57		
15	64QAM	36	0	21.71	21.91	21.66		
15	64QAM	36	20	21.71	21.71	21.70	22.5	1.5
15	64QAM	36	39	21.64	21.67	21.59		
15	64QAM	75	0	21.69	21.84	21.63		
15	256QAM	1	0	19.88	19.91	19.77		
15	256QAM	1	37	19.68	19.81	19.79	20.5	3.5
15	256QAM	1	74	19.65	19.73	19.63		
15	256QAM	36	0	19.62	19.88	19.78		
15	256QAM	36	20	19.66	19.67	19.69	20.5	3.5
15	256QAM	36	39	19.61	19.64	19.71		
15	256QAM	75	0	19.62	19.70	19.60		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.94	23.10	23.01		
10	QPSK	1	25	22.82	22.98	23.01	24	0
10	QPSK	1	49	22.76	22.96	22.92		
10	QPSK	25	0	22.88	23.13	22.93		
10	QPSK	25	12	22.69	23.04	22.94	24	0
10	QPSK	25	25	22.85	22.91	22.89		
10	QPSK	50	0	22.92	23.11	22.99		
10	16QAM	1	0	22.80	22.97	22.75		
10	16QAM	1	25	22.62	22.87	22.85	24	0
10	16QAM	1	49	22.67	22.80	22.71		
10	16QAM	25	0	22.59	22.78	22.66		
10	16QAM	25	12	22.57	22.69	22.66	23.5	0.5
10	16QAM	25	25	22.60	22.69	22.56		
10	16QAM	50	0	22.62	22.75	22.74		
10	64QAM	1	0	22.76	22.86	22.72		
10	64QAM	1	25	22.75	22.66	22.79	23.5	0.5
10	64QAM	1	49	22.50	22.78	22.63		
10	64QAM	25	0	21.77	21.83	21.72		
10	64QAM	25	12	21.73	21.69	21.72	22.5	1.5
10	64QAM	25	25	21.60	21.64	21.61		
10	64QAM	50	0	21.64	21.80	21.68		
10	256QAM	1	0	19.83	19.87	19.76		
10	256QAM	1	25	19.61	19.84	19.82	20.5	3.5
10	256QAM	1	49	19.67	19.67	19.66		
10	256QAM	25	0	19.66	19.84	19.80		
10	256QAM	25	12	19.66	19.69	19.65	20.5	3.5
10	256QAM	25	25	19.65	19.61	19.64		
10	256QAM	50	0	19.55	19.78	19.62		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	23.01	23.08	23.06		
5	QPSK	1	12	22.80	23.04	22.97	24	0
5	QPSK	1	24	22.79	23.01	22.91		
5	QPSK	12	0	22.88	23.15	22.93		
5	QPSK	12	7	22.87	23.05	22.94	24	0
5	QPSK	12	13	22.88	22.93	22.80		
5	QPSK	25	0	22.91	23.08	22.98		
5	16QAM	1	0	22.90	23.01	22.84		
5	16QAM	1	12	22.82	22.84	22.78	24	0
5	16QAM	1	24	22.70	22.76	22.72		
5	16QAM	12	0	22.62	22.89	22.69		
5	16QAM	12	7	22.63	22.73	22.66	23.5	0.5
5	16QAM	12	13	22.59	22.71	22.64		
5	16QAM	25	0	22.67	22.71	22.66		
5	64QAM	1	0	22.73	22.93	22.68		
5	64QAM	1	12	22.75	22.70	22.73	23.5	0.5
5	64QAM	1	24	22.42	22.54	22.39		
5	64QAM	12	0	21.78	21.83	21.73		
5	64QAM	12	7	21.68	21.77	21.67	22.5	1.5
5	64QAM	12	13	21.68	21.59	21.61		
5	64QAM	25	0	21.70	21.80	21.66		
5	256QAM	1	0	19.77	19.86	19.70		
5	256QAM	1	12	19.68	19.74	19.81	20.5	3.5
5	256QAM	1	24	19.72	19.63	19.68		
5	256QAM	12	0	19.69	19.81	19.78		
5	256QAM	12	7	19.72	19.74	19.67	20.5	3.5
5	256QAM	12	13	19.69	19.69	19.66		
5	256QAM	25	0	19.64	19.77	19.53		
Channel				19925	20175	20425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.93	23.07	23.02		
3	QPSK	1	8	22.79	23.02	22.92	24	0
3	QPSK	1	14	22.80	23.01	22.95		
3	QPSK	8	0	22.92	23.07	22.90		
3	QPSK	8	4	22.95	22.98	22.95	24	0
3	QPSK	8	7	22.92	22.88	22.81		
3	QPSK	15	0	22.99	23.03	22.94		
3	16QAM	1	0	22.91	22.96	22.80		
3	16QAM	1	8	22.77	22.78	22.79	24	0
3	16QAM	1	14	22.62	22.82	22.80		
3	16QAM	8	0	22.58	22.80	22.71		
3	16QAM	8	4	22.57	22.77	22.62	23.5	0.5
3	16QAM	8	7	22.51	22.65	22.67		
3	16QAM	15	0	22.62	22.72	22.67		
3	64QAM	1	0	22.66	22.91	22.76		
3	64QAM	1	8	22.63	22.67	22.68	23.5	0.5
3	64QAM	1	14	22.52	22.77	22.63		
3	64QAM	8	0	21.71	21.94	21.70		
3	64QAM	8	4	21.69	21.77	21.67	22.5	1.5
3	64QAM	8	7	21.70	21.67	21.59		
3	64QAM	15	0	21.61	21.78	21.64		
3	256QAM	1	0	19.79	19.97	19.81		
3	256QAM	1	8	19.60	19.83	19.75	20.5	3.5
3	256QAM	1	14	19.74	19.67	19.68		
3	256QAM	8	0	19.74	19.94	19.75		
3	256QAM	8	4	19.66	19.76	19.62	20.5	3.5
3	256QAM	8	7	19.63	19.62	19.63		
3	256QAM	15	0	19.57	19.70	19.60		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.96	23.16	23.01		
1.4	QPSK	1	3	22.87	22.99	22.98		
1.4	QPSK	1	5	22.84	22.94	22.94	24	0
1.4	QPSK	3	0	22.87	23.11	22.94		
1.4	QPSK	3	1	22.89	23.03	22.87		
1.4	QPSK	3	3	22.85	22.98	22.81		
1.4	QPSK	6	0	22.95	23.06	22.99	24	0
1.4	16QAM	1	0	22.82	22.96	22.75		
1.4	16QAM	1	3	22.74	22.84	22.88		
1.4	16QAM	1	5	22.65	22.76	22.68	24	0
1.4	16QAM	3	0	22.66	22.83	22.62		
1.4	16QAM	3	1	22.56	22.73	22.69		
1.4	16QAM	3	3	22.67	22.77	22.75		
1.4	16QAM	6	0	22.62	22.80	22.71	23.5	0.5
1.4	64QAM	1	0	22.52	22.74	22.69		
1.4	64QAM	1	3	22.52	22.62	22.58		
1.4	64QAM	1	5	22.68	22.82	22.69	23.5	0.5
1.4	64QAM	3	0	22.71	22.82	22.74		
1.4	64QAM	3	1	22.63	22.64	22.79		
1.4	64QAM	3	3	22.53	22.68	22.59		
1.4	64QAM	6	0	21.81	21.87	21.75	22.5	1.5
1.4	256QAM	1	0	19.77	19.93	19.81		
1.4	256QAM	1	3	19.64	19.80	19.78		
1.4	256QAM	1	5	19.63	19.65	19.66	20.5	3.5
1.4	256QAM	3	0	19.69	19.85	19.81		
1.4	256QAM	3	1	19.67	19.75	19.60		
1.4	256QAM	3	3	19.63	19.69	19.70		
1.4	256QAM	6	0	19.64	19.73	19.58	20.5	3.5

Band 5 Ant0

BW [MHz]	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	22.52	22.57	22.46		
10	QPSK	1	25	22.36	22.46	22.32	24	0
10	QPSK	1	49	22.31	22.35	22.22		
10	QPSK	25	0	22.37	22.54	22.41		
10	QPSK	25	12	22.33	22.45	22.35	24	0
10	QPSK	25	25	22.24	22.30	22.27		
10	QPSK	50	0	22.31	22.45	22.30		
10	16QAM	1	0	22.26	22.47	22.31		
10	16QAM	1	25	22.31	22.35

Band 12 Ant0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	22.84	22.92	22.79		
10	QPSK	1	25	22.76	22.81	22.64	24	0
10	QPSK	1	49	22.60	22.68	22.62		
10	QPSK	25	0	22.63	22.82	22.72		
10	QPSK	25	12	22.59	22.68	22.61	24	0
10	QPSK	25	25	22.56	22.60	22.63		
10	QPSK	50	0	22.65	22.77	22.62		
10	16QAM	1	0	22.54	22.72	22.60		
10	16QAM	1	25	22.54	22.59	22.58	24	0
10	16QAM	1	49	22.44	22.55	22.46		
10	16QAM	25	0	22.35	22.51	22.41		
10	16QAM	25	12	22.32	22.43	22.28	23.5	0.5
10	16QAM	25	25	22.30	22.35	22.28		
10	16QAM	50	0	22.37	22.47	22.28		
10	64QAM	1	0	22.26	22.41	22.29		
10	64QAM	1	25	22.14	22.25	22.19	23.5	0.5
10	64QAM	1	49	22.10	22.22	22.16		
10	64QAM	25	0	21.54	21.67	21.50		
10	64QAM	25	12	21.44	21.58	21.51	22.5	1.5
10	64QAM	25	25	21.39	21.44	21.44		
10	64QAM	50	0	21.43	21.54	21.41		
10	256QAM	1	0	19.38	19.55	19.40		
10	256QAM	1	25	19.33	19.40	19.38	20.5	3.5
10	256QAM	1	49	19.30	19.33	19.28		
10	256QAM	25	0	19.30	19.51	19.41		
10	256QAM	25	12	19.29	19.34	19.30	20.5	3.5
10	256QAM	25	25	19.20	19.33	19.22		
10	256QAM	50	0	19.23	19.45	19.26		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.77	22.86	22.74		
5	QPSK	1	12	22.63	22.69	22.56	24	0
5	QPSK	1	24	22.47	22.54	22.47		
5	QPSK	12	0	22.50	22.75	22.58		
5	QPSK	12	7	22.45	22.55	22.51	24	0
5	QPSK	12	13	22.53	22.45	22.51		
5	QPSK	25	0	22.56	22.69	22.56		
5	16QAM	1	0	22.42	22.62	22.48		
5	16QAM	1	12	22.50	22.48	22.47	24	0
5	16QAM	1	24	22.33	22.52	22.39		
5	16QAM	12	0	22.30	22.47	22.28		
5	16QAM	12	7	22.28	22.33	22.19	23.5	0.5
5	16QAM	12	13	22.19	22.24	22.19		
5	16QAM	25	0	22.31	22.34	22.19		
5	64QAM	1	0	22.15	22.30	22.22		
5	64QAM	1	12	22.04	22.12	22.10	23.5	0.5
5	64QAM	1	24	21.96	22.07	22.07		
5	64QAM	12	0	21.48	21.63	21.41		
5	64QAM	12	7	21.34	21.53	21.47	22.5	1.5
5	64QAM	12	13	21.29	21.32	21.33		
5	64QAM	25	0	21.33	21.48	21.34		
5	256QAM	1	0	19.35	19.45	19.31		
5	256QAM	1	12	19.21	19.31	19.29	20.5	3.5
5	256QAM	1	24	19.17	19.23	19.18		
5	256QAM	12	0	19.16	19.37	19.26		
5	256QAM	12	7	19.22	19.27	19.27	20.5	3.5
5	256QAM	12	13	19.07	19.21	19.11		
5	256QAM	25	0	19.13	19.31	19.12		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.78	22.81	22.72		
3	QPSK	1	8	22.70	22.76	22.50	24	0
3	QPSK	1	14	22.53	22.54	22.57		
3	QPSK	8	0	22.49	22.79	22.57		
3	QPSK	8	4	22.51	22.61	22.48	24	0
3	QPSK	8	7	22.49	22.49	22.57		
3	QPSK	15	0	22.54	22.73	22.58		
3	16QAM	1	0	22.39	22.59	22.47		
3	16QAM	1	8	22.48	22.48	22.48	24	0
3	16QAM	1	14	22.38	22.44	22.38		
3	16QAM	8	0	22.26	22.44	22.28		
3	16QAM	8	4	22.23	22.37	22.16	23.5	0.5
3	16QAM	8	7	22.22	22.22	22.20		
3	16QAM	15	0	22.23	22.35	22.19		
3	64QAM	1	0	22.23	22.28	22.17		
3	64QAM	1	8	22.02	22.10	22.09	23.5	0.5
3	64QAM	1	14	22.02	22.15	22.04		
3	64QAM	8	0	21.45	21.61	21.40		
3	64QAM	8	4	21.40	21.48	21.37	22.5	1.5
3	64QAM	8	7	21.35	21.36	21.33		
3	64QAM	15	0	21.37	21.50	21.31		
3	256QAM	1	0	19.28	19.41	19.36		
3	256QAM	1	8	19.26	19.31	19.24	20.5	3.5
3	256QAM	1	14	19.23	19.30	19.21		
3	256QAM	8	0	19.18	19.46	19.28		
3	256QAM	8	4	19.18	19.22	19.18	20.5	3.5
3	256QAM	8	7	19.06	19.22	19.07		
3	256QAM	15	0	19.18	19.40	19.14		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.76	22.83	22.75		
1.4	QPSK	1	3	22.65	22.67	22.51		
1.4	QPSK	1	5	22.48	22.57	22.53	24	0
1.4	QPSK	3	0	22.50	22.67	22.67		
1.4	QPSK	3	1	22.54	22.55	22.56		
1.4	QPSK	3	3	22.44	22.54	22.57		
1.4	QPSK	6	0	22.59	22.73	22.56	24	0
1.4	16QAM	1	0	22.50	22.62	22.56		
1.4	16QAM	1	3	22.49	22.46	22.50		
1.4	16QAM	1	5	22.40	22.46	22.43	24	0
1.4	16QAM	3	0	22.47	22.60	22.56		
1.4	16QAM	3	1	22.49	22.45	22.47		
1.4	16QAM	3	3	22.37	22.48	22.40		
1.4	16QAM	6	0	22.17	22.30	22.14	23.5	0.5
1.4	64QAM	1	0	22.33	22.41	22.29		
1.4	64QAM	1	3	22.22	22.40	22.17		
1.4	64QAM	1	5	22.13	22.33	22.16	23.5	0.5
1.4	64QAM	3	0	22.05	22.21	22.09		
1.4	64QAM	3	1	21.99	22.16	22.05		
1.4	64QAM	3	3	22.22	22.28	22.16		
1.4	64QAM	6	0	21.45	21.60	21.41	22.5	1.5
1.4	256QAM	1	0	19.29	19.47	19.32		
1.4	256QAM	1	3	19.21	19.31	19.24		
1.4	256QAM	1	5	19.22	19.27	19.22	20.5	3.5
1.4	256QAM	3	0	19.18	19.37	19.34		
1.4	256QAM	3	1	19.16	19.21	19.24		
1.4	256QAM	3	3	19.15	19.21	19.09		
1.4	256QAM	6	0	19.17	19.35	19.18	20.5	3.5

Band 13 Ant0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		23.07			
10	QPSK	1	25		23.04		24	0
10	QPSK	1	49		22.92			
10	QPSK	25	0		22.98			
10	QPSK	25	12		22.85		24	0
10	QPSK	25	25		22.82			
10	QPSK	50	0		22.95			
10	16QAM	1	0		22.91			
10	16QAM	1	25		22.86		24	0
10	16QAM	1	49		22.79			
10	16QAM	25	0		22.74			
10	16QAM	25	12		22.62		23.5	0.5
10	16QAM	25	25		22.54			
10	16QAM	50	0		22.70			
10	64QAM	1	0		22.62			
10	64QAM	1	25		22.41		23.5	0.5
10	64QAM	1	49		22.49			
10	64QAM	25	0		21.91			
10	64QAM	25	12		21.77		22.5	1.5
10	64QAM	25	25		21.67			
10	64QAM	50	0		21.77			
10	256QAM	1	0		19.82			
10	256QAM	1	25		19.62		20.5	3.5
10	256QAM	1	49		19.55			
10	256QAM	25	0		19.69			
10	256QAM	25	12		19.58		20.5	3.5
10	256QAM	25	25		19.55			
10	256QAM	50	0		19.68			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.93	23.03	22.99		
5	QPSK	1	12	22.90	23.00	22.92	24	0
5	QPSK	1	24	22.84	22.85	22.80		
5	QPSK	12	0	22.95	22.84	22.93		
5	QPSK	12	7	22.77	22.71	22.73	24	0
5	QPSK	12	13	22.71	22.75	22.68		
5	QPSK	25	0	22.88	22.91	22.91		
5	16QAM	1	0	22.86	22.80	22.87		
5	16QAM	1	12	22.72	22.78	22.71	24	0
5	16QAM	1	24	22.67	22.69	22.74		
5	16QAM	12	0	22.62	22.60	22.65		
5	16QAM	12	7	22.49	22.55	22.58	23.5	0.5
5	16QAM	12	13	22.43	22.49	22.45		
5	16QAM	25	0	22.67	22.66	22.63		
5	64QAM	1	0	22.53	22.55	22.47		
5	64QAM	1	12	22.33	22.32	22.27	23.5	0.5
5	64QAM	1	24	22.39	22.42	22.45		
5	64QAM	12	0	21.79	21.83	21.82		
5	64QAM	12	7	21.62	21.66	21.70	22.5	1.5
5	64QAM	12	13	21.61	21.55	21.59		
5	64QAM	25	0	21.71	21.66	21.73		
5	256QAM	1	0	19.77	19.78	19.74		
5	256QAM	1	12	19.56	19.48	19.51	20.5	3.5
5	256QAM	1	24	19.41	19.47	19.50		
5	256QAM	12	0	19.59	19.55	19.64		
5	256QAM	12	7	19.55	19.52	19.53	20.5	3.5
5	256QAM	12	13	19.46	19.43	19.52		
5	256QAM	25	0	19.57	19.56	19.60		

Band 14 Ant0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23330			
Frequency (MHz)					793			
10	QPSK	1	0		23.06			
10	QPSK	1	25		23.00		24	0
10	QPSK	1	49		22.86			
10	QPSK	25	0		22.95			
10	QPSK	25	12		22.81		24	0
10	QPSK	25	25		22.78			
10	QPSK	50	0		22.93			
10	16QAM	1	0		22.86			
10	16QAM	1	25		22.78		24	0
10	16QAM	1	49		22.77			
10	16QAM	25	0		22.75			
10	16QAM	25	12		22.60		23.5	0.5
10	16QAM	25	25		22.46			
10	16QAM	50	0		22.64			
10	64QAM	1	0		22.56			
10	64QAM	1	25		22.38		23.5	0.5
10	64QAM	1	49		22.49			
10	64QAM	25	0		21.88			
10	64QAM	25	12		21.70		22.5	1.5
10	64QAM	25	25		21.63			
10	64QAM	50	0		21.69			
10	256QAM	1	0		19.77			
10	256QAM	1	25		19.55		20.5	3.5
10	256QAM	1	49		19.49			
10	256QAM	25	0		19.61			
10	256QAM	25	12		19.51		20.5	3.5
10	256QAM	25	25		19.48			
10	256QAM	50	0		19.66			
Channel				23305	23330	23355	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	0	22.92	22.99	22.97		
5	QPSK	1	12	22.87	22.90	22.86	24	0
5	QPSK	1	24	22.75	22.79	22.74		
5	QPSK	12	0	22.90	22.90	22.83		
5	QPSK	12	7	22.77	22.68	22.77	24	0
5	QPSK	12	13	22.70	22.67	22.64		
5	QPSK	25	0	22.82	22.84	22.86		
5	16QAM	1	0	22.78	22.83	22.78		
5	16QAM	1	12	22.70	22.68	22.64	24	0
5	16QAM	1	24	22.62	22.73	22.64		
5	16QAM	12	0	22.60	22.72	22.67		
5	16QAM	12	7	22.54	22.51	22.51	23.5	0.5
5	16QAM	12	13	22.37	22.40	22.40		
5	16QAM	25	0	22.55	22.53	22.50		
5	64QAM	1	0	22.52	22.52	22.46		
5	64QAM	1	12	22.28	22.30	22.27	23.5	0.5
5	64QAM	1	24	22.44	22.43	22.41		
5	64QAM	12	0	21.74	21.74	21.76		
5	64QAM	12	7	21.63	21.64	21.58	22.5	1.5
5	64QAM	12	13	21.59	21.59	21.52		
5	64QAM	25	0	21.55	21.64	21.66		
5	256QAM	1	0	19.63	19.72	19.65		
5	256QAM	1	12	19.44	19.46	19.44	20.5	3.5
5	256QAM	1	24	19.35	19.44	19.44		
5	256QAM	12	0	19.48	19.47	19.57		
5	256QAM	12	7	19.38	19.37	19.39	20.5	3.5
5	256QAM	12	13	19.35	19.36	19.34		
5	256QAM	25	0	19.53	19.56	19.62		

Band 17 Ant0

BW [MHz]	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	22.65	22.73	22.70		
10	QPSK	1	25	22.57	22.60	22.59	24	0
10	QPSK	1	49	22.46	22.51	22.46		
10	QPSK	25	0	22.46	22.66	22.54		
10	QPSK	25	12	22.49	22.53	22.42	24	0
10	QPSK	25	25	22.41	22.48	22.47		
10	QPSK	50	0	22.49	22.62	22.44		
10	16QAM	1	0	22.49	22.60	22.45		
10	16QAM	1	25	22.39	22.48	22.41	24	0
10	16QAM	1	49	22.30	22.40	22.38		
10	16QAM	25	0	22.36	22.58	22.49		
10	16QAM	25	12	22.38	22.40	22.43	23.5	0.5
10	16QAM	25	25	22.30	22.41	22.40		
10	16QAM	50	0	22.24	22.38	22.33		
10	64QAM	1	0	22.39	22.56	22.46		
10	64QAM	1	25	22.37	22.42	22.40	23.5	0.5
10	64QAM	1	49	22.32	22.40	22.29		
10	64QAM	25	0	21.37	21.54	21.36		
10	64QAM	25	12	21.28	21.39	21.36	22.5	1.5
10	64QAM	25	25	21.32	21.36	21.32		
10	64QAM	50	0	21.19	21.28	21.29		
10	256QAM	1	0	19.59	19.71	19.63		
10	256QAM	1	25	19.45	19.53	19.56	20.5	3.5
10	256QAM	1	49	19.44	19.57	19.51		
10	256QAM	25	0	19.44	19.55	19.43		
10	256QAM	25	12	19.34	19.44	19.33	20.5	3.5
10	256QAM	25	25	19.34	19.39	19.37		
10	256QAM	50	0	19.28	19.32	19.22		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.53	22.69	22.65		
5	QPSK	1	12	22.53	22.55	22.48	24	0
5	QPSK	1	24	22.33	22.41	22.37		
5	QPSK	12	0	22.36	22.57	22.44		
5	QPSK	12	7	22.44	22.40	22.38	24	0
5	QPSK	12	13	22.28	22.41	22.43		
5	QPSK	25	0	22.46	22.49	22.32		
5	16QAM	1	0	22.38	22.52	22.31		
5	16QAM	1	12	22.26	22.39	22.35	24	0
5	16QAM	1	24	22.16	22.32	22.32		
5	16QAM	12	0	22.27	22.45	22.35		
5	16QAM	12	7	22.33	22.32	22.35	23.5	0.5
5	16QAM	12	13	22.19	22.34	22.27		
5	16QAM	25	0	22.11	22.24	22.19		
5	64QAM	1	0	22.24	22.48	22.35		
5	64QAM	1	12	22.29	22.34	22.29	23.5	0.5
5	64QAM	1	24	22.17	22.33	22.14		
5	64QAM	12	0	21.33	21.42	21.31		
5	64QAM	12	7	21.24	21.27	21.22	22.5	1.5
5	64QAM	12	13	21.19	21.23	21.25		
5	64QAM	25	0	21.07	21.23	21.24		
5	256QAM	1	0	19.50	19.65	19.49		
5	256QAM	1	12	19.33	19.42	19.50	20.5	3.5
5	256QAM	1	24	19.41	19.43	19.47		
5	256QAM	12	0	19.31	19.51	19.33		
5	256QAM	12	7	19.27	19.34	19.22	20.5	3.5
5	256QAM	12	13	19.20	19.33	19.27		
5	256QAM	25	0	19.24	19.26	19.16		

Band 25 Ant0

BW [MHz]	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	23.16	23.21	23.18	24	0
20	QPSK	1	49	23.03	23.03	23.09		
20	QPSK	1	99	22.97	23.01	23.03		
20	QPSK	50	0	23.00	23.15	23.05	24	0
20	QPSK	50	24	22.95	23.03	22.95		
20	QPSK	50	50	22.88	22.99	22.86		
20	QPSK	100	0	22.91	23.01	22.92		
20	16QAM	1	0	22.96	23.09	22.91	24	0
20	16QAM	1	49	22.94	22.99	22.95		
20	16QAM	1	99	22.81	22.87	22.80		
20	16QAM	50	0	22.79	22.93	22.83	23.5	0.5
20	16QAM	50	24	22.75	22.80	22.75		
20	16QAM	50	50	22.61	22.72	22.70		
20	16QAM	100	0	22.62	22.66	22.61		
20	64QAM	1	0	22.86	23.05	22.91	23.5	0.5
20	64QAM	1	49	22.79	22.95	22.87		
20	64QAM	1	99	22.79	22.82	22.82		
20	64QAM	50	0	21.82	21.95	21.79	22.5	1.5
20	64QAM	50	24	21.78	21.79	21.74		
20	64QAM	50	50	21.73	21.82	21.72		
20	64QAM	100	0	21.69	21.66	21.64		
20	256QAM	1	0	19.90	20.04	19.89	20.5	3.5
20	256QAM	1	49	19.79	19.90	19.83		
20	256QAM	1	99	19.77	19.85	19.78		
20	256QAM	50	0	19.87	19.98	19.87	20.5	3.5
20	256QAM	50	24	19.77	19.90	19.74		
20	256QAM	50	50	19.70	19.74	19.71		
20	256QAM	100	0	19.62	19.74	19.68		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	23.05	23.13	23.04	24	0
15	QPSK	1	37	22.99	22.90	23.00		
15	QPSK	1	74	22.84	22.90	22.97		
15	QPSK	36	0	22.94	23.01	22.95	24	0
15	QPSK	36	20	22.82	22.96	22.88		
15	QPSK	36	39	22.84	22.95	22.75		
15	QPSK	75	0	22.77	22.98	22.79		
15	16QAM	1	0	22.92	22.98	22.84	24	0
15	16QAM	1	37	22.81	22.87	22.85		
15	16QAM	1	74	22.68	22.79	22.74		
15	16QAM	36	0	22.70	22.81	22.75	23.5	0.5
15	16QAM	36	20	22.68	22.66	22.62		
15	16QAM	36	39	22.48	22.61	22.64		
15	16QAM	75	0	22.49	22.53	22.50		
15	64QAM	1	0	22.74	22.90	22.77	23.5	0.5
15	64QAM	1	37	22.70	22.82	22.77		
15	64QAM	1	74	22.70	22.68	22.68		
15	64QAM	36	0	21.74	21.85	21.65	22.5	1.5
15	64QAM	36	20	21.72	21.68	21.69		
15	64QAM	36	39	21.68	21.79	21.59		
15	64QAM	75	0	21.55	21.54	21.60		
15	256QAM	1	0	19.76	19.96	19.85	20.5	3.5
15	256QAM	1	37	19.75	19.79	19.79		
15	256QAM	1	74	19.67	19.70	19.73		
15	256QAM	36	0	19.78	19.83	19.77	20.5	3.5
15	256QAM	36	20	19.69	19.87	19.60		
15	256QAM	36	39	19.57	19.70	19.61		
15	256QAM	75	0	19.55	19.66	19.55		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	23.03	23.09	23.05	24	0
10	QPSK	1	25	22.94	22.92	22.98		
10	QPSK	1	49	22.90	22.95	22.90		
10	QPSK	25	0	22.90	23.04	22.99	24	0
10	QPSK	25	12	22.87	22.89	22.83		
10	QPSK	25	25	22.84	22.85	22.71		
10	QPSK	50	0	22.80	22.89	22.83		
10	16QAM	1	0	22.90	22.95	22.83	24	0
10	16QAM	1	25	22.81	22.91	22.88		
10	16QAM	1	49	22.68	22.76	22.66		
10	16QAM	25	0	22.74	22.80	22.75	23.5	0.5
10	16QAM	25	12	22.62	22.68	22.67		
10	16QAM	25	25	22.52	22.67	22.57		
10	16QAM	50	0	22.57	22.60	22.54		
10	64QAM	1	0	22.82	22.91	22.85	23.5	0.5
10	64QAM	1	25	22.64	22.88	22.76		
10	64QAM	1	49	22.72	22.76	22.71		
10	64QAM	25	0	21.79	21.84	21.68	22.5	1.5
10	64QAM	25	12	21.74	21.76	21.64		
10	64QAM	25	25	21.66	21.77	21.61		
10	64QAM	50	0	21.62	21.56	21.52		
10	256QAM	1	0	19.80	19.94	19.81	20.5	3.5
10	256QAM	1	25	19.68	19.75	19.72		
10	256QAM	1	49	19.74	19.73	19.68		
10	256QAM	25	0	19.82	19.91	19.77	20.5	3.5
10	256QAM	25	12	19.71	19.83	19.68		
10	256QAM	25	25	19.65	19.61	19.60		
10	256QAM	50	0	19.55	19.67	19.63		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	23.12	23.07	23.10	24	0
5	QPSK	1	12	22.95	22.92	23.03		
5	QPSK	1	24	22.86	22.90	22.95		
5	QPSK	12	0	22.86	23.04	22.92	24	0
5	QPSK	12	7	22.88	23.00	22.84		
5	QPSK	12	13	22.77	22.88	22.79		
5	QPSK	25	0	22.77	22.91	22.86		
5	16QAM	1	0	22.88	23.04	22.88	24	0
5	16QAM	1	12	22.88	22.90	22.87		
5	16QAM	1	24	22.67	22.77	22.73		
5	16QAM	12	0	22.70	22.84	22.73	23.5	0.5
5	16QAM	12	7	22.71	22.70	22.63		
5	16QAM	12	13	22.50	22.60	22.56		
5	16QAM	25	0	22.55	22.62	22.51		
5	64QAM	1	0	22.78	22.98	22.88	23.5	0.5
5	64QAM	1	12	22.71	22.92	22.81		
5	64QAM	1	24	22.65	22.69	22.76		
5	64QAM	12	0	21.78	21.84	21.70	22.5	1.5
5	64QAM	12	7	21.70	21.65	21.70		
5	64QAM	12	13	21.68	21.79	21.68		
5	64QAM	25	0	21.60	21.54	21.60		
5	256QAM	1	0	19.75	19.96	19.86	20.5	3.5
5	256QAM	1	12	19.71	19.82	19.75		
5	256QAM	1	24	19.68	19.75	19.74		
5	256QAM	12	0	19.76	19.85	19.84	20.5	3.5
5	256QAM	12	7	19.68	19.78	19.59		
5	256QAM	12	13	19.61	19.64	19.64		
5	256QAM	25	0	19.57	19.64	19.54		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	23.02	23.15	23.13	24	0
3	QPSK	1	8	22.98	22.95	22.96		
3	QPSK	1	14	22.94	22.93	22.99		
3	QPSK	8	0	22.94	23.05	22.96	24	0
3	QPSK	8	4	22.80	22.97	22.91		
3	QPSK	8	7	22.75	22.84	22.78		
3	QPSK	15	0	22.83	22.96	22.80		
3	16QAM	1	0	22.84	23.02	22.85	24	0
3	16QAM	1	8	22.89	22.86	22.87		
3	16QAM	1	14	22.77	22.75	22.66		
3	16QAM	8	0	22.66	22.87	22.79	23.5	0.5
3	16QAM	8	4	22.65	22.65	22.67		
3	16QAM	8	7	22.57	22.68	22.60		
3	16QAM	15	0	22.48	22.60	22.53		
3	64QAM	1	0	22.75	22.92	22.80	23.5	0.5
3	64QAM	1	8	22.66	22.91	22.76		
3	64QAM	1	14	22.65	22.72	22.69		
3	64QAM	8	0	21.76	21.87	21.64	22.5	1.5
3	64QAM	8	4	21.67	21.66	21.62		
3	64QAM	8	7	21.61	21.74	21.57		
3	64QAM	15	0	21.63	21.53	21.58		
3	256QAM	1	0	19.76	19.96	19.83	20.5	3.5
3	256QAM	1	8	19.69	19.85	19.77		
3	256QAM	1	14	19.63	19.72	19.67		
3	256QAM	8	0	19.76	19.83	19.81	20.5	3.5
3	256QAM	8	4	19.66	19.83	19.60		
3	256QAM	8	7	19.62	19.71	19.60		
3	256QAM	15	0	19.50	19.61	19.61		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	23.12	23.12	23.15	24	0
1.4	QPSK	1	3	22.98	22.97	23.05		
1.4	QPSK	1	5	22.93	22.93	22.96		
1.4	QPSK	3	0	22.85	23.09	22.97		
1.4	QPSK	3	1	22.81	22.87	22.82		
1.4	QPSK	3	3	22.81	22.94	22.71		
1.4	QPSK	6	0	22.80	22.86	22.80	24	0
1.4	16QAM	1	0	22.92	23.04	22.83	24	0
1.4	16QAM	1	3	22.86	22.90	22.81		
1.4	16QAM	1	5	22.84	23.00	22.81		
1.4	16QAM	3	0	22.78	22.89	22.78		
1.4	16QAM	3	1	22.85	22.95	22.84		
1.4	16QAM	3	3	22.90	23.03	22.79		
1.4	16QAM	6	0	22.70	22.67	22.69	23.5	0.5
1.4	64QAM	1	0	22.57	22.62	22.57	23.5	0.5
1.4	64QAM	1	3	22.57	22.60	22.55		
1.4	64QAM	1	5	22.70	22.76	22.67		
1.4	64QAM	3	0	22.67	22.86	22.84		
1.4	64QAM	3	1	22.71	22.70	22.69		
1.4	64QAM	3	3	22.72	22.86	22.83		
1.4	64QAM	6	0	21.68	21.91	21.70	22.5	1.5
1.4	256QAM	1	0	19.86	19.92	19.81	20.5	3.5
1.4	256QAM	1	3	19.69	19.76	19.78		
1.4	256QAM	1	5	19.71	19.78	19.65		
1.4	256QAM	3	0	19.73	19.93	19.72		
1.4	256QAM	3	1	19.69	19.76	19.67		
1.4	256QAM	3	3	19.65	19.65	19.58		
1.4	256QAM	6	0	19.54	19.67	19.62	20.5	3.5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	22.53	22.59	22.47	24	0
15	QPSK	1	37	22.38	22.39	22.38		
15	QPSK	1	74	22.28	22.37	22.31		
15	QPSK	36	0	22.37	22.54	22.37	24	0
15	QPSK	36	20	22.37	22.46	22.31		
15	QPSK	36	39	22.31	22.30	22.34		
15	QPSK	75	0	22.31	22.36	22.29		
15	16QAM	1	0	22.29	22.51	22.36	24	0
15	16QAM	1	37	22.34	22.40	22.27		
15	16QAM	1	74	22.28	22.34	22.22		
15	16QAM	36	0	22.33	22.47	22.38	23.5	0.5
15	16QAM	36	20	22.30	22.32	22.26		
15	16QAM	36	39	22.26	22.29	22.26		
15	16QAM	75	0	22.21	22.22	22.14		
15	64QAM	1	0	22.26	22.42	22.27	23.5	0.5
15	64QAM	1	37	22.26	22.27	22.23		
15	64QAM	1	74	22.10	22.25	22.20		
15	64QAM	36	0	21.26	21.37	21.25	22.5	1.5
15	64QAM	36	20	21.21	21.27	21.22		
15	64QAM	36	39	21.11	21.15	21.15		
15	64QAM	75	0	21.04	21.08	21.02		
15	256QAM	1	0	19.46	19.62	19.47	20.5	3.5
15	256QAM	1	37	19.39	19.48	19.44		
15	256QAM	1	74	19.33	19.39	19.39		
15	256QAM	36	0	19.36	19.49	19.36	20.5	3.5
15	256QAM	36	20	19.22	19.40	19.34		
15	256QAM	36	39	19.22	19.34	19.30		
15	256QAM	75	0	19.13	19.21	19.15		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.42	22.46	22.37	24	0
10	QPSK	1	25	22.23	22.33	22.23		
10	QPSK	1	49	22.14	22.25	22.20		
10	QPSK	25	0	22.23	22.44	22.27	24	0
10	QPSK	25	12	22.24	22.39	22.16		
10	QPSK	25	25	22.26	22.19	22.22		
10	QPSK	50	0	22.28	22.25	22.25		
10	16QAM	1	0	22.17	22.41	22.32	24	0
10	16QAM	1	25	22.23	22.36	22.19		
10	16QAM	1	49	22.23	22.20	22.15		
10	16QAM	25	0	22.21	22.41	22.24	23.5	0.5
10	16QAM	25	12	22.23	22.24	22.14		
10	16QAM	25	25	22.17	22.18	22.18		
10	16QAM	50	0	22.10	22.11	22.07		
10	64QAM	1	0	22.16	22.29	22.18	23.5	0.5
10	64QAM	1	25	22.23	22.17	22.11		
10	64QAM	1	49	22.01	22.15	22.13		
10	64QAM	25	0	21.11	21.29	21.21	22.5	1.5
10	64QAM	25	12	21.14	21.22	21.08		
10	64QAM	25	25	21.05	21.07	21.03		
10	64QAM	50	0	20.91	21.02	20.88		
10	256QAM	1	0	19.41	19.50	19.34	20.5	3.5
10	256QAM	1	25	19.32	19.35	19.33		
10	256QAM	1	49	19.19	19.28	19.36		
10	256QAM	25	0	19.28	19.46	19.25	20.5	3.5
10	256QAM	25	12	19.07	19.31	19.21		
10	256QAM	25	25	19.15	19.20	19.16		
10	256QAM	50	0	18.99	19.15	19.04		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.43	22.49	22.40	24	0
5	QPSK	1	12	22.25	22.30	22.33		
5	QPSK	1	24	22.23	22.32	22.21		
5	QPSK	12	0	22.34	22.41	22.28	24	0
5	QPSK	12	7	22.28	22.33	22.20		
5	QPSK	12	13	22.21	22.24	22.25		
5	QPSK	25	0	22.26	22.23	22.21		
5	16QAM	1	0	22.16	22.46	22.24	24	0
5	16QAM	1	12	22.21	22.36	22.16		
5	16QAM	1	24	22.15	22.21	22.13		
5	16QAM	12	0	22.29	22.38	22.25	23.5	0.5
5	16QAM	12	7	22.16	22.28	22.19		
5	16QAM	12	13	22.21	22.22	22.23		
5	16QAM	25	0	22.12	22.14	22.07		
5	64QAM	1	0	22.18	22.32	22.17	23.5	0.5
5	64QAM	1	12	22.21	22.17	22.12		
5	64QAM	1	24	21.97	22.16	22.17		
5	64QAM	12	0	21.15	21.31	21.21	22.5	1.5
5	64QAM	12	7	21.15	21.18	21.14		
5	64QAM	12	13	21.02	21.12	21.03		
5	64QAM	25	0	20.94	21.01	20.87		
5	256QAM	1	0	19.36	19.50	19.39	20.5	3.5
5	256QAM	1	12	19.26	19.34	19.30		
5	256QAM	1	24	19.29	19.31	19.31		
5	256QAM	12	0	19.31	19.43	19.26	20.5	3.5
5	256QAM	12	7	19.13	19.31	19.27		
5	256QAM	12	13	19.17	19.29	19.17		
5	256QAM	25	0	19.06	19.14	19.01		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.50	22.50	22.37	24	0
3	QPSK	1	8	22.34	22.32	22.23		
3	QPSK	1	14	22.14	22.29	22.19		
3	QPSK	8	0	22.30	22.51	22.31	24	0
3	QPSK	8	4	22.32	22.33	22.16		
3	QPSK	8	7	22.22	22.27	22.23		
3	QPSK	15	0	22.24	22.33	22.22		
3	16QAM	1	0	22.21	22.44	22.30	24	0
3	16QAM	1	8	22.29	22.36	22.13		
3	16QAM	1	14	22.22	22.28	22.18		
3	16QAM	8	0	22.21	22.42	22.28	23.5	0.5
3	16QAM	8	4	22.25	22.24	22.18		
3	16QAM	8	7	22.22	22.21	22.15		
3	16QAM	15	0	22.17	22.08	22.09		
3	64QAM	1	0	22.19	22.38	22.12	23.5	0.5
3	64QAM	1	8	22.21	22.24	22.14		
3	64QAM	1	14	22.00	22.22	22.14		
3	64QAM	8	0	21.18	21.29	21.13	22.5	1.5
3	64QAM	8	4	21.10	21.19	21.13		
3	64QAM	8	7	20.98	21.05	21.06		
3	64QAM	15	0	20.99	21.02	20.89		
3	256QAM	1	0	19.41	19.53	19.37	20.5	3.5
3	256QAM	1	8	19.30	19.41	19.35		
3	256QAM	1	14	19.19	19.25	19.28		
3	256QAM	8	0	19.29	19.42	19.30	20.5	3.5
3	256QAM	8	4	19.10	19.29	19.25		
3	256QAM	8	7	19.17	19.26	19.16		
3	256QAM	15	0	19.08	19.16	19.01		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.45	22.52	22.42	24	0
1.4	QPSK	1	3	22.33	22.31	22.26		
1.4	QPSK	1	5	22.14	22.24	22.27		
1.4	QPSK	3	0	22.31	22.42	22.34		
1.4	QPSK	3	1	22.33	22.34	22.17		
1.4	QPSK	3	3	22.28	22.17	22.26		
1.4	QPSK	6	0	22.19	22.30	22.22	24	0
1.4	16QAM	1	0	22.14	22.45	22.29	24	0
1.4	16QAM	1	3	22.21	22.37	22.24		
1.4	16QAM	1	5	22.24	22.24	22.14		
1.4	16QAM	3	0	22.26	22.39	22.33		
1.4	16QAM	3	1	22.21	22.31	22.24		
1.4	16QAM	3	3	22.19	22.23	22.13		
1.4	16QAM	6	0	22.22	22.37	22.35	23.5	0.5
1.4	64QAM	1	0	22.21	22.29	22.20	23.5	0.5
1.4	64QAM	1	3	22.16	22.16	22.22		
1.4	64QAM	1	5	22.15	22.09	22.07		
1.4	64QAM	3	0	22.22	22.36	22.17		
1.4	64QAM	3	1	22.11	22.14	22.19		
1.4	64QAM	3	3	22.06	22.12	22.12		
1.4	64QAM	6	0	21.13	21.34	21.18	22.5	1.5
1.4	256QAM	1	0	19.38	19.54	19.42	20.5	3.5
1.4	256QAM	1	3	19.32	19.36	19.34		
1.4	256QAM	1	5	19.27	19.29	19.31		
1.4	256QAM	3	0	19.27	19.37	19.29		
1.4	256QAM	3	1	19.09	19.31	19.29		
1.4	256QAM	3	3	19.16	19.22	19.22		
1.4	256QAM	6	0	19.08	19.11	19.08	20.5	3.5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		22.30		23.6	0
10	QPSK	1	25		22.15			
10	QPSK	1	49		22.12			
10	QPSK	25	0		22.23		23	0.6
10	QPSK	25	12		22.15			
10	QPSK	25	25		22.13			
10	QPSK	50	0		22.19			
10	16QAM	1	0		22.01		23	0.6
10	16QAM	1	25		22.11			
10	16QAM	1	49		22.18			
10	16QAM	25	0		21.60		22	1.6
10	16QAM	25	12		21.45			
10	16QAM	25	25		21.36			
10	16QAM	50	0		21.38			
10	64QAM	1	0		21.71		22	1.6
10	64QAM	1	25		21.58			
10	64QAM	1	49		21.52			
10	64QAM	25	0		20.75		21	2.6
10	64QAM	25	12		20.57			
10	64QAM	25	25		20.50			
10	64QAM	50	0		20.53			
10	256QAM	1	0		19.38		20	3.6
10	256QAM	1	25		19.22			
10	256QAM	1	49		19.22			
10	256QAM	25	0		18.96		20	3.6
10	256QAM	25	12		18.85			
10	256QAM	25	25		18.78			
10	256QAM	50	0		18.73			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	22.17	22.23	22.15	23.6	0
5	QPSK	1	12	21.95	22.02	22.01		
5	QPSK	1	24	22.09	22.05	21.98		
5	QPSK	12	0	22.09	22.23	22.26	23	0.6
5	QPSK	12	7	22.00	21.99	21.94		
5	QPSK	12	13	21.85	21.96	21.90		
5	QPSK	25	0	22.00	21.99	21.99		
5	16QAM	1	0	22.15	22.03	22.01	23	0.6
5	16QAM	1	12	21.86	21.99	21.91		
5	16QAM	1	24	21.89	21.99	21.88		
5	16QAM	12	0	21.52	21.51	21.46	22	1.6
5	16QAM	12	7	21.38	21.31	21.34		
5	16QAM	12	13	21.28	21.26	21.22		
5	16QAM	25	0	21.28	21.24	21.24		
5	64QAM	1	0	21.57	21.66	21.67	22	1.6
5	64QAM	1	12	21.50	21.48	21.44		
5	64QAM	1	24	21.47	21.47	21.44		
5	64QAM	12	0	20.64	20.70	20.72	21	2.6
5	64QAM	12	7	20.46	20.48	20.44		
5	64QAM	12	13	20.36	20.36	20.45		
5	64QAM	25	0	20.42	20.43	20.49		
5	256QAM	1	0	19.30	19.31	19.32	20	3.6
5	256QAM	1	12	19.17	19.15	19.16		
5	256QAM	1	24	19.13	19.07	19.10		
5	256QAM	12	0	18.91	18.87	18.86	20	3.6
5	256QAM	12	7	18.77	18.77	18.80		
5	256QAM	12	13	18.64	18.73	18.67		
5	256QAM	25	0	18.67	18.69	18.65		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	23.17	23.22	23.14	24	0
20	QPSK	1	49	22.99	23.11	22.99		
20	QPSK	1	99	23.02	23.02	22.90		
20	QPSK	50	0	22.96	23.18	23.07	24	0
20	QPSK	50	24	22.92	23.08	22.99		
20	QPSK	50	50	22.85	22.98	22.92		
20	QPSK	100	0	22.88	23.01	22.91		
20	16QAM	1	0	22.80	23.10	22.96	24	0
20	16QAM	1	49	22.87	23.01	22.91		
20	16QAM	1	99	22.83	22.89	22.86		
20	16QAM	50	0	22.61	22.81	22.66	23.5	0.5
20	16QAM	50	24	22.60	22.65	22.63		
20	16QAM	50	50	22.55	22.57	22.57		
20	16QAM	100	0	22.48	22.58	22.54		
20	64QAM	1	0	22.55	22.75	22.64	23.5	0.5
20	64QAM	1	49	22.49	22.67	22.54		
20	64QAM	1	99	22.51	22.58	22.50		
20	64QAM	50	0	21.69	21.90	21.71	22.5	1.5
20	64QAM	50	24	21.63	21.77	21.77		
20	64QAM	50	50	21.63	21.72	21.61		
20	64QAM	100	0	21.57	21.62	21.58		
20	256QAM	1	0	18.86	19.07	18.93	20.5	3.5
20	256QAM	1	49	18.89	18.92	18.84		
20	256QAM	1	99	18.81	18.84	18.83		
20	256QAM	50	0	18.84	18.98	18.80	20.5	3.5
20	256QAM	50	24	18.78	18.86	18.74		
20	256QAM	50	50	18.69	18.77	18.73		
20	256QAM	100	0	18.71	18.70	18.65		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	23.06	23.16	23.00	24	0
15	QPSK	1	37	22.95	23.05	22.94		
15	QPSK	1	74	22.89	22.97	22.84		
15	QPSK	36	0	22.87	23.10	23.02	24	0
15	QPSK	36	20	22.82	23.00	22.92		
15	QPSK	36	39	22.78	22.87	22.78		
15	QPSK	75	0	22.82	22.91	22.78		
15	16QAM	1	0	22.68	23.07	22.90	24	0
15	16QAM	1	37	22.75	22.91	22.85		
15	16QAM	1	74	22.75	22.74	22.75		
15	16QAM	36	0	22.49	22.71	22.60	23.5	0.5
15	16QAM	36	20	22.57	22.60	22.60		
15	16QAM	36	39	22.44	22.52	22.54		
15	16QAM	75	0	22.41	22.45	22.44		
15	64QAM	1	0	22.47	22.62	22.57	23.5	0.5
15	64QAM	1	37	22.37	22.56	22.46		
15	64QAM	1	74	22.45	22.52	22.38		
15	64QAM	36	0	21.59	21.86	21.61	22.5	1.5
15	64QAM	36	20	21.51	21.63	21.67		
15	64QAM	36	39	21.50	21.60	21.52		
15	64QAM	75	0	21.48	21.50	21.51		
15	256QAM	1	0	18.78	18.99	18.80	20.5	3.5
15	256QAM	1	37	18.82	18.89	18.78		
15	256QAM	1	74	18.75	18.79	18.77		
15	256QAM	36	0	18.80	18.86	18.69	20.5	3.5
15	256QAM	36	20	18.73	18.73	18.60		
15	256QAM	36	39	18.58	18.69	18.63		
15	256QAM	75	0	18.63	18.61	18.56		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	23.06	23.10	23.01	24	0
10	QPSK	1	25	22.94	23.02	22.89		
10	QPSK	1	49	22.88	22.96	22.82		
10	QPSK	25	0	22.84	23.07	23.03	24	0
10	QPSK	25	12	22.80	23.01	22.95		
10	QPSK	25	25	22.81	22.87	22.86		
10	QPSK	50	0	22.74	22.96	22.88		
10	16QAM	1	0	22.66	23.07	22.85	24	0
10	16QAM	1	25	22.81	22.93	22.80		
10	16QAM	1	49	22.76	22.75	22.74		
10	16QAM	25	0	22.57	22.76	22.55	23.5	0.5
10	16QAM	25	12	22.51	22.59	22.59		
10	16QAM	25	25	22.52	22.50	22.44		
10	16QAM	50	0	22.35	22.53	22.41		
10	64QAM	1	0	22.45	22.68	22.57	23.5	0.5
10	64QAM	1	25	22.41	22.55	22.42		
10	64QAM	1	49	22.43	22.52	22.43		
10	64QAM	25	0	21.56	21.75	21.61	22.5	1.5
10	64QAM	25	12	21.50	21.69	21.69		
10	64QAM	25	25	21.54	21.57	21.57		
10	64QAM	50	0	21.42	21.52	21.44		
10	256QAM	1	0	18.76	18.96	18.81	20.5	3.5
10	256QAM	1	25	18.79	18.82	18.80		
10	256QAM	1	49	18.73	18.70	18.77		
10	256QAM	25	0	18.71	18.87	18.74	20.5	3.5
10	256QAM	25	12	18.75	18.81	18.63		
10	256QAM	25	25	18.60	18.65	18.62		
10	256QAM	50	0	18.63	18.57	18.53		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	23.03	23.09	23.03	24	0
5	QPSK	1	12	22.89	23.01	22.84		
5	QPSK	1	24	22.91	22.90	22.81		
5	QPSK	12	0	22.85	23.11	22.95	24	0
5	QPSK	12	7	22.79	22.98	22.95		
5	QPSK	12	13	22.76	22.89	22.83		
5	QPSK	25	0	22.84	22.96	22.87		
5	16QAM	1	0	22.72	22.98	22.82	24	0
5	16QAM	1	12	22.80	22.90	22.76		
5	16QAM	1	24	22.75	22.86	22.80		
5	16QAM	12	0	22.47	22.74	22.53	23.5	0.5
5	16QAM	12	7	22.57	22.61	22.59		
5	16QAM	12	13	22.43	22.52	22.51		
5	16QAM	25	0	22.37	22.53	22.48		
5	64QAM	1	0	22.46	22.72	22.57	23.5	0.5
5	64QAM	1	12	22.45	22.64	22.46		
5	64QAM	1	24	22.39	22.51	22.44		
5	64QAM	12	0	21.63	21.80	21.61	22.5	1.5
5	64QAM	12	7	21.51	21.67	21.70		
5	64QAM	12	13	21.58	21.67	21.56		
5	64QAM	25	0	21.51	21.53	21.50		
5	256QAM	1	0	18.76	19.01	18.86	20.5	3.5
5	256QAM	1	12	18.77	18.84	18.80		
5	256QAM	1	24	18.71	18.76	18.78		
5	256QAM	12	0	18.72	18.83	18.71	20.5	3.5
5	256QAM	12	7	18.71	18.72	18.68		
5	256QAM	12	13	18.65	18.66	18.61		
5	256QAM	25	0	18.62	18.61	18.61		
Channel				131897	132322	132747	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	23.03	23.14	23.08	24	0
3	QPSK	1	8	22.89	23.00	22.93		
3	QPSK	1	14	22.98	22.89	22.75		
3	QPSK	8	0	22.87	23.05	23.03	24	0
3	QPSK	8	4	22.89	23.04	22.85		
3	QPSK	8	7	22.78	22.93	22.83		
3	QPSK	15	0	22.79	22.90	22.86		
3	16QAM	1	0	22.76	23.07	22.84	24	0
3	16QAM	1	8	22.82	22.98	22.87		
3	16QAM	1	14	22.76	22.85	22.82		
3	16QAM	8	0	22.56	22.73	22.53	23.5	0.5
3	16QAM	8	4	22.54	22.52	22.49		
3	16QAM	8	7	22.42	22.47	22.52		
3	16QAM	15	0	22.43	22.48	22.51		
3	64QAM	1	0	22.47	22.69	22.50	23.5	0.5
3	64QAM	1	8	22.41	22.62	22.46		
3	64QAM	1	14	22.42	22.48	22.38		
3	64QAM	8	0	21.57	21.85	21.59	22.5	1.5
3	64QAM	8	4	21.52	21.68	21.70		
3	64QAM	8	7	21.51	21.60	21.49		
3	64QAM	15	0	21.45	21.55	21.48		
3	256QAM	1	0	18.75	18.99	18.84	20.5	3.5
3	256QAM	1	8	18.85	18.86	18.79		
3	256QAM	1	14	18.74	18.81	18.70		
3	256QAM	8	0	18.69	18.88	18.73	20.5	3.5
3	256QAM	8	4	18.75	18.75	18.68		
3	256QAM	8	7	18.60	18.72	18.60		
3	256QAM	15	0	18.58	18.60	18.62		
Channel				131975	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	23.11	23.10	23.10	24	0
1.4	QPSK	1	3	22.89	23.04	22.92		
1.4	QPSK	1	5	22.92	22.93	22.86		
1.4	QPSK	3	0	22.82	23.14	22.98		
1.4	QPSK	3	1	22.80	23.04	22.95		
1.4	QPSK	3	3	22.71	22.86	22.84		
1.4	QPSK	6	0	22.74	22.90	22.87	24	0
1.4	16QAM	1	0	22.75	22.99	22.88	24	0
1.4	16QAM	1	3	22.73	22.95	22.81		
1.4	16QAM	1	5	22.79	22.94	22.87		
1.4	16QAM	3	0	22.71	22.99	22.91		
1.4	16QAM	3	1	22.78	22.91	22.83		
1.4	16QAM	3	3	22.73	22.80	22.74		
1.4	16QAM	6	0	22.47	22.76	22.54	23.5	0.5
1.4	64QAM	1	0	22.50	22.60	22.51	23.5	0.5
1.4	64QAM	1	3	22.47	22.51	22.43		
1.4	64QAM	1	5	22.43	22.48	22.49		
1.4	64QAM	3	0	22.42	22.64	22.53		
1.4	64QAM	3	1	22.40	22.61	22.40		
1.4	64QAM	3	3	22.44	22.44	22.40		
1.4	64QAM	6	0	21.66	21.76	21.57	22.5	1.5
1.4	256QAM	1	0	18.73	18.99	18.89	20.5	3.5
1.4	256QAM	1	3	18.78	18.85	18.75		
1.4	256QAM	1	5	18.76	18.89	18.69		
1.4	256QAM	3	0	18.80	18.86	18.76		
1.4	256QAM	3	1	18.74	18.79	18.59		
1.4	256QAM	3	3	18.66	18.69	18.61		
1.4	256QAM	6	0	18.64	18.58	18.60	20.5	3.5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				133222	133322	133372		
Frequency (MHz)				673	683	688		
20	QPSK	1	0	22.95	23.04	22.89	24	0
20	QPSK	1	49	22.84	22.87	22.77		
20	QPSK	1	99	22.71	22.88	22.66		
20	QPSK	50	0	22.76	22.94	22.84	24	0
20	QPSK	50	24	22.77	22.77	22.75		
20	QPSK	50	50	22.71	22.73	22.66		
20	QPSK	100	0	22.66	22.76	22.70		
20	16QAM	1	0	22.78	22.92	22.73	24	0
20	16QAM	1	49	22.69	22.83	22.73		
20	16QAM	1	99	22.61	22.76	22.66		
20	16QAM	50	0	22.53	22.74	22.61	23.5	0.5
20	16QAM	50	24	22.50	22.54	22.54		
20	16QAM	50	50	22.48	22.60	22.51		
20	16QAM	100	0	22.46	22.54	22.45		
20	64QAM	1	0	22.73	22.88	22.76	23.5	0.5
20	64QAM	1	49	22.72	22.75	22.72		
20	64QAM	1	99	22.64	22.69	22.60		
20	64QAM	50	0	21.67	21.83	21.73	22.5	1.5
20	64QAM	50	24	21.63	21.72	21.69		
20	64QAM	50	50	21.56	21.61	21.62		
20	64QAM	100	0	21.49	21.55	21.55		
20	256QAM	1	0	19.64	19.81	19.72	20.5	3.5
20	256QAM	1	49	19.57	19.61	19.61		
20	256QAM	1	99	19.58	19.64	19.55		
20	256QAM	50	0	19.59	19.77	19.58	20.5	3.5
20	256QAM	50	24	19.56	19.64	19.53		
20	256QAM	50	50	19.54	19.64	19.50		
20	256QAM	100	0	19.43	19.48	19.47		
Channel				133197	133297	133397	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	0	22.85	23.00	22.78	24	0
15	QPSK	1	37	22.71	22.75	22.65		
15	QPSK	1	74	22.67	22.82	22.58		
15	QPSK	36	0	22.69	22.88	22.74	24	0
15	QPSK	36	20	22.64	22.63	22.66		
15	QPSK	36	39	22.68	22.64	22.53		
15	QPSK	75	0	22.58	22.61	22.59		
15	16QAM	1	0	22.68	22.78	22.64	24	0
15	16QAM	1	37	22.64	22.69	22.66		
15	16QAM	1	74	22.47	22.69	22.59		
15	16QAM	36	0	22.44	22.62	22.52	23.5	0.5
15	16QAM	36	20	22.40	22.49	22.49		
15	16QAM	36	39	22.45	22.46	22.40		
15	16QAM	75	0	22.33	22.41	22.41		
15	64QAM	1	0	22.68	22.82	22.67	23.5	0.5
15	64QAM	1	37	22.68	22.63	22.67		
15	64QAM	1	74	22.59	22.57	22.55		
15	64QAM	36	0	21.61	21.78	21.58	22.5	1.5
15	64QAM	36	20	21.49	21.59	21.57		
15	64QAM	36	39	21.46	21.47	21.57		
15	64QAM	75	0	21.46	21.50	21.44		
15	256QAM	1	0	19.52	19.68	19.62	20.5	3.5
15	256QAM	1	37	19.47	19.53	19.46		
15	256QAM	1	74	19.54	19.57	19.45		
15	256QAM	36	0	19.48	19.65	19.46	20.5	3.5
15	256QAM	36	20	19.43	19.55	19.48		
15	256QAM	36	39	19.40	19.60	19.43		
15	256QAM	75	0	19.31	19.37	19.36		
Channel				133172	133272	133422	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	678	693		
10	QPSK	1	0	22.83	22.96	22.78	24	0
10	QPSK	1	25	22.75	22.74	22.64		
10	QPSK	1	49	22.67	22.83	22.59		
10	QPSK	25	0	22.71	22.81	22.73	24	0
10	QPSK	25	12	22.70	22.73	22.63		
10	QPSK	25	25	22.66	22.65	22.58		
10	QPSK	50	0	22.60	22.71	22.59		
10	16QAM	1	0	22.73	22.77	22.64	24	0
10	16QAM	1	25	22.58	22.72	22.69		
10	16QAM	1	49	22.50	22.67	22.62		
10	16QAM	25	0	22.42	22.62	22.55	23.5	0.5
10	16QAM	25	12	22.40	22.47	22.49		
10	16QAM	25	25	22.42	22.46	22.40		
10	16QAM	50	0	22.32	22.50	22.40		
10	64QAM	1	0	22.64	22.73	22.65	23.5	0.5
10	64QAM	1	25	22.63	22.61	22.59		
10	64QAM	1	49	22.54	22.55	22.49		
10	64QAM	25	0	21.63	21.71	21.60	22.5	1.5
10	64QAM	25	12	21.52	21.63	21.58		
10	64QAM	25	25	21.41	21.54	21.55		
10	64QAM	50	0	21.35	21.51	21.48		
10	256QAM	1	0	19.60	19.72	19.61	20.5	3.5
10	256QAM	1	25	19.42	19.49	19.48		
10	256QAM	1	49	19.53	19.51	19.49		
10	256QAM	25	0	19.52	19.72	19.55	20.5	3.5
10	256QAM	25	12	19.43	19.55	19.43		
10	256QAM	25	25	19.44	19.53	19.37		
10	256QAM	50	0	19.36	19.37	19.36		
Channel				133147	133247	133447	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	675.5	695.5		
5	QPSK	1	0	22.82	22.90	22.82	24	0
5	QPSK	1	12	22.78	22.83	22.63		
5	QPSK	1	24	22.64	22.84	22.53		
5	QPSK	12	0	22.68	22.81	22.80	24	0
5	QPSK	12	7	22.64	22.69	22.61		
5	QPSK	12	13	22.59	22.60	22.57		
5	QPSK	25	0	22.57	22.71	22.65		
5	16QAM	1	0	22.68	22.82	22.63	24	0
5	16QAM	1	12	22.54	22.75	22.69		
5	16QAM	1	24	22.54	22.70	22.61		
5	16QAM	12	0	22.49	22.71	22.49	23.5	0.5
5	16QAM	12	7	22.43	22.42	22.43		
5	16QAM	12	13	22.38	22.54	22.42		
5	16QAM	25	0	22.42	22.42	22.41		
5	64QAM	1	0	22.68	22.80	22.62	23.5	0.5
5	64QAM	1	12	22.62	22.61	22.57		
5	64QAM	1	24	22.58	22.55	22.46		
5	64QAM	12	0	21.61	21.71	21.64	22.5	1.5
5	64QAM	12	7	21.52	21.65	21.63		
5	64QAM	12	13	21.42	21.50	21.51		
5	64QAM	25	0	21.39	21.43	21.52		
5	256QAM	1	0	19.60	19.74	19.68	20.5	3.5
5	256QAM	1	12	19.44	19.48	19.56		
5	256QAM	1	24	19.45	19.60	19.40		
5	256QAM	12	0	19.54	19.63	19.45	20.5	3.5
5	256QAM	12	7	19.41	19.50	19.41		
5	256QAM	12	13	19.44	19.52	19.40		
5	256QAM	25	0	19.31	19.43	19.36		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2590	2610		
20	QPSK	1	0	20.67	20.69	20.50		
20	QPSK	1	49	20.46	20.43	20.46	22	0
20	QPSK	1	99	20.47	20.43	20.40		
20	QPSK	50	0	20.47	20.55	20.33		
20	QPSK	50	24	20.36	20.50	20.42	22	0
20	QPSK	50	50	20.23	20.36	20.32		
20	QPSK	100	0	20.37	20.52	20.33		
20	16QAM	1	0	20.46	20.57	20.39		
20	16QAM	1	49	20.36	20.45	20.33	22	0
20	16QAM	1	99	20.29	20.33	20.40		
20	16QAM	50	0	20.06	20.23	20.04		
20	16QAM	50	24	20.10	20.06	20.05	21.5	0.5
20	16QAM	50	50	19.87	20.03	19.96		
20	16QAM	100	0	19.92	20.11	20.00		
20	64QAM	1	0	20.03	20.26	20.03		
20	64QAM	1	49	19.94	20.04	20.10	21.5	0.5
20	64QAM	1	99	20.10	20.01	20.06		
20	64QAM	50	0	19.86	20.04	19.95		
20	64QAM	50	24	19.83	19.90	19.89	20.5	1.5
20	64QAM	50	50	19.82	19.86	19.83		
20	64QAM	100	0	19.85	19.88	19.79		
20	256QAM	1	0	17.91	18.08	17.94		
20	256QAM	1	49	17.82	18.08	17.92	18.5	3.5
20	256QAM	1	99	17.86	17.85	17.87		
20	256QAM	50	0	17.94	18.06	17.97		
20	256QAM	50	24	17.90	17.95	17.90	18.5	3.5
20	256QAM	50	50	17.77	17.87	17.81		
20	256QAM	100	0	17.91	18.03	17.94		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	20.50	20.60	20.47		
15	QPSK	1	37	20.29	20.36	20.42	22	0
15	QPSK	1	74	20.40	20.36	20.23		
15	QPSK	36	0	20.30	20.38	20.27		
15	QPSK	36	20	20.24	20.39	20.31	22	0
15	QPSK	36	39	20.17	20.27	20.24		
15	QPSK	75	0	20.31	20.39	20.25		
15	16QAM	1	0	20.31	20.44	20.25		
15	16QAM	1	37	20.27	20.37	20.17	22	0
15	16QAM	1	74	20.25	20.23	20.33		
15	16QAM	36	0	19.95	20.20	19.88		
15	16QAM	36	20	19.92	19.95	19.95	21.5	0.5
15	16QAM	36	39	19.79	19.93	19.83		
15	16QAM	75	0	19.85	19.99	19.88		
15	64QAM	1	0	19.94	20.23	19.99		
15	64QAM	1	37	19.77	19.97	20.07	21.5	0.5
15	64QAM	1	74	20.01	19.95	19.99		
15	64QAM	36	0	19.77	20.01	19.81		
15	64QAM	36	20	19.73	19.86	19.85	20.5	1.5
15	64QAM	36	39	19.71	19.72	19.79		
15	64QAM	75	0	19.75	19.85	19.69		
15	256QAM	1	0	17.78	17.97	17.88		
15	256QAM	1	37	17.70	18.04	17.89	18.5	3.5
15	256QAM	1	74	17.73	17.82	17.72		
15	256QAM	36	0	17.83	18.00	17.92		
15	256QAM	36	20	17.86	17.89	17.82	18.5	3.5
15	256QAM	36	39	17.64	17.77	17.71		
15	256QAM	75	0	17.79	17.99	17.87		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2590	2615		
10	QPSK	1	0	20.56	20.52	20.46		
10	QPSK	1	25	20.31	20.39	20.41	22	0
10	QPSK	1	49	20.35	20.26	20.34		
10	QPSK	25	0	20.37	20.42	20.22		
10	QPSK	25	12	20.24	20.46	20.26	22	0
10	QPSK	25	25	20.17	20.25	20.22		
10	QPSK	50	0	20.34	20.42	20.28		
10	16QAM	1	0	20.32	20.41	20.25		
10	16QAM	1	25	20.22	20.33	20.29	22	0
10	16QAM	1	49	20.15	20.17	20.33		
10	16QAM	25	0	20.04	20.20	19.98		
10	16QAM	25	12	20.04	19.93	19.90	21.5	0.5
10	16QAM	25	25	19.81	19.86	19.87		
10	16QAM	50	0	19.86	20.04	19.84		
10	64QAM	1	0	19.89	20.09	20.01		
10	64QAM	1	25	19.82	20.01	20.01	21.5	0.5
10	64QAM	1	49	20.06	19.83	20.04		
10	64QAM	25	0	19.81	20.00	19.81		
10	64QAM	25	12	19.71	19.85	19.78	20.5	1.5
10	64QAM	25	25	19.74	19.71	19.75		
10	64QAM	50	0	19.80	19.83	19.72		
10	256QAM	1	0	17.81	18.03	17.84		
10	256QAM	1	25	17.73	17.97	17.86	18.5	3.5
10	256QAM	1	49	17.71	17.70	17.74		
10	256QAM	25	0	17.84	17.93	17.84		
10	256QAM	25	12	17.80	17.91	17.85	18.5	3.5
10	256QAM	25	25	17.69	17.82	17.69		
10	256QAM	50	0	17.85	17.98	17.84		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	20.56	20.61	20.38		
5	QPSK	1	12	20.31	20.32	20.37	22	0
5	QPSK	1	24	20.44	20.39	20.33		
5	QPSK	12	0	20.38	20.46	20.20		
5	QPSK	12	7	20.24	20.42	20.36	22	0
5	QPSK	12	13	20.11	20.29	20.18		
5	QPSK	25	0	20.20	20.39	20.29		
5	16QAM	1	0	20.31	20.44	20.23		
5	16QAM	1	12	20.28	20.39	20.15	22	0
5	16QAM	1	24	20.16	20.29	20.25		
5	16QAM	12	0	19.93	20.17	19.96		
5	16QAM	12	7	19.97	19.92	20.00	21.5	0.5
5	16QAM	12	13	19.77	19.93	19.80		
5	16QAM	25	0	19.82	19.96	19.93		
5	64QAM	1	0	19.94	20.12	20.00		
5	64QAM	1	12	19.89	19.98	20.03	21.5	0.5
5	64QAM	1	24	19.95	19.91	19.99		
5	64QAM	12	0	19.78	19.89	19.81		
5	64QAM	12	7	19.75	19.78	19.75	20.5	1.5
5	64QAM	12	13	19.72	19.78	19.71		
5	64QAM	25	0	19.80	19.78	19.66		
5	256QAM	1	0	17.83	18.01	17.86		
5	256QAM	1	12	17.74	18.03	17.82	18.5	3.5
5	256QAM	1	24	17.74	17.70	17.78		
5	256QAM	12	0	17.86	17.93	17.85		
5	256QAM	12	7	17.79	17.86	17.86	18.5	3.5
5	256QAM	12	13	17.70	17.81	17.70		
5	256QAM	25	0	17.87	17.89	17.89		

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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)				2536	2549.5	2593	2636.5	2680		
20	QPSK	1	0	22.49	22.62	22.66	22.54	22.44		
20	QPSK	1	49	22.33	22.54	22.52	22.25	22.39	24	0
20	QPSK	1	99	22.26	22.31	22.42	22.25	22.24		
20	QPSK	50	0	22.27	22.18	22.34	22.22	22.28		
20	QPSK	50	24	22.05	22.15	22.16	22.15	22.02	23.5	0.5
20	QPSK	50	50	22.09	22.10	22.16	22.06	22.13		
20	QPSK	100	0	22.25	22.10	22.30	22.10	22.20		
20	16QAM	1	0	22.15	22.13	22.28	22.13	22.14		
20	16QAM	1	49	22.01	22.04	22.10	22.09	22.00	23.5	0.5
20	16QAM	1	99	22.02	22.03	22.13	22.04	22.00		
20	16QAM	50	0	21.32	21.18	21.38	21.24	21.29		
20	16QAM	50	24	21.12	21.17	21.20	21.25	21.17	22.5	1.5
20	16QAM	50	50	21.01	21.08	21.16	21.16	21.04		
20	16QAM	100	0	21.30	21.21	21.33	21.19	21.27		
20	64QAM	1	0	21.41	21.33	21.49	21.36	21.38		
20	64QAM	1	49	21.32	21.27	21.37	21.27	21.30	22.5	1.5
20	64QAM	1	99	21.19	21.24	21.30	21.20	21.20		
20	64QAM	50	0	20.27	20.27	20.40	20.30	20.31		
20	64QAM	50	24	20.23	20.24	20.32	20.22	20.29	21.5	2.5
20	64QAM	50	50	20.19	20.18	20.24	20.13	20.17		
20	64QAM	100	0	20.10	20.14	20.22	20.25	20.10		
20	256QAM	1	0	18.24	18.20	18.37	18.24	18.23		
20	256QAM	1	49	18.27	18.18	18.37	18.16	18.24	19.5	4.5
20	256QAM	1	99	18.10	18.08	18.23	18.15	18.16		
20	256QAM	50	0	18.19	18.14	18.34	18.19	18.19		
20	256QAM	50	24	18.19	18.14	18.24	18.10	18.14	19.5	4.5
20	256QAM	50	50	18.12	18.05	18.20	18.09	18.10		
20	256QAM	100	0	18.14	18.16	18.28	18.10	18.17		
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	22.37	22.58	22.55	22.43	22.33		
15	QPSK	1	37	22.17	22.37	22.46	22.09	22.36	24.00	0
15	QPSK	1	74	22.14	22.25	22.28	22.17	22.11		
15	QPSK	36	0	22.20	22.08	22.24	22.09	22.25		
15	QPSK	36	20	21.99	22.01	22.09	22.05	21.91	23.5	0.5
15	QPSK	36	39	22.03	22.02	22.05	21.99	22.05		
15	QPSK	75	0	22.13	21.96	22.15	22.06	22.11		
15	16QAM	1	0	22.09	21.98	22.16	22.06	22.11		
15	16QAM	1	37	21.93	22.00	21.97	22.02	21.90	23.5	0.5
15	16QAM	1	74	21.99	21.91	22.04	21.97	21.94		
15	16QAM	36	0	21.28	21.04	21.26	21.18	21.26		
15	16QAM	36	20	20.98	21.09	21.05	21.20	21.09	22.5	1.5
15	16QAM	36	39	20.88	21.03	21.01	21.05	20.92		
15	16QAM	75	0	21.17	21.17	21.20	21.04	21.13		
15	64QAM	1	0	21.32	21.20	21.35	21.31	21.33		
15	64QAM	1	37	21.27	21.18	21.22	21.17	21.22	22.5	1.5
15	64QAM	1	74	21.12	21.09	21.23	21.07	21.08		
15	64QAM	36	0	20.20	20.19	20.36	20.20	20.20		
15	64QAM	36	20	20.09	20.09	20.26	20.17	20.16	21.5	2.5
15	64QAM	36	39	20.10	20.15	20.18	19.98	20.12		
15	64QAM	75	0	19.99	20.05	20.08	20.12	20.00		
15	256QAM	1	0	18.15	18.14	18.29	18.13	18.19		
15	256QAM	1	37	18.20	18.10	18.33	18.02	18.12	19.5	4.5
15	256QAM	1	74	18.04	18.02	18.12	18.11	18.08		
15	256QAM	36	0	18.07	18.07	18.21	18.13	18.15		
15	256QAM	36	20	18.12	18.03	18.16	17.98	18.05	19.5	4.5
15	256QAM	36	39	18.08	17.93	18.11	18.02	18.01		
15	256QAM	75	0	18.10	18.11	18.16	18.03	18.06		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.42	22.60	22.49	22.52	22.27		
10	QPSK	1	25	22.19	22.51	22.35	22.19	22.31	24.00	0
10	QPSK	1	49	22.21	22.18	22.34	22.19	22.20		
10	QPSK	25	0	22.16	22.04	22.20	22.08	22.16		
10	QPSK	25	12	21.91	22.04	22.13	22.12	21.92	23.5	0.5
10	QPSK	25	25	21.96	22.05	22.06	21.92	22.04		
10	QPSK	50	0	22.13	21.95	22.18	22.05	22.13		
10	16QAM	1	0	22.10	22.00	22.13	22.05	22.08		
10	16QAM	1	25	21.89	21.96	22.01	22.01	21.87	23.5	0.5
10	16QAM	1	49	21.87	21.90	22.07	21.93	21.86		
10	16QAM	25	0	21.22	21.13	21.29	21.13	21.21		
10	16QAM	25	12	21.05	21.12	21.15	21.10	21.09	22.5	1.5
10	16QAM	25	25	20.89	21.05	21.13	21.06	20.90		
10	16QAM	50	0	21.25	21.07	21.28	21.13	21.15		
10	64QAM	1	0	21.32	21.23	21.40	21.32	21.29		
10	64QAM	1	25	21.23	21.13	21.33	21.14	21.19	22.5	1.5
10	64QAM	1	49	21.15	21.14	21.18	21.11	21.14		
10	64QAM	25	0	20.12	20.17	20.30	20.26	20.23		
10	64QAM	25	12	20.16	20.15	20.19	20.10	20.26	21.5	2.5
10	64QAM	25	25	20.10	20.14	20.18	20.10	20.03		
10	64QAM	50	0	20.00	20.01	20.18	20.12	20.06		
10	256QAM	1	0	18.15	18.06	18.33	18.21	18.20		
10	256QAM	1	25	18.16	18.08	18.29	18.07	18.12	19.5	4.5
10	256QAM	1	49	18.05	17.99	18.18	18.12	18.02		
10	256QAM	25	0	18.14	18.09	18.20	18.09	18.10		
10	256QAM	25	12	18.13	18.09	18.09	17.97	18.09	19.5	4.5
10	256QAM	25	25	18.09	18.01	18.10	17.97	17.95		
10	256QAM	50	0	18.08	18.10	18.17	17.99	18.12		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	22.32	22.47	22.56	22.43	22.42		
5	QPSK	1	12	22.20	22.51	22.37	22.13	22.33	24.00	0
5	QPSK	1	24	22.12	22.27	22.34	22.09	22.20		
5	QPSK	12	0	22.22	22.05	22.23	22.07	22.23		
5	QPSK	12	7	21.94	22.08	22.06	22.00	21.93	23.5	0.5
5	QPSK	12	13	21.99	21.96	22.10	22.01	21.99		
5	QPSK	25	0	22.21	22.04	22.19	21.99	22.17		
5	16QAM	1	0	22.10	22.02	22.15	21.99	22.09		
5	16QAM	1	12	21.89	21.97	22.06	21.99	21.97	23.5	0.5
5	16QAM	1	24	21.87	22.00	22.03	21.95	21.92		
5	16QAM	12	0	21.25	21.12	21.34	21.11	21.20		
5	16QAM	12	7	20.97	21.03	21.12	21.10	21.09	22.5	1.5
5	16QAM	12	13	20.89	20.95	21.02	21.08	20.91		
5	16QAM	25	0	21.18	21.10	21.22	21.08	21.19		
5	64QAM	1	0	21.35	21.27	21.36	21.28	21.27		
5	64QAM	1	12	21.28	21.13	21.25	21.19	21.16	22.5	1.5
5	64QAM	1	24	21.08	21.20	21.26	21.16	21.16		
5	64QAM	12	0	20.12	20.23	20.34	20.20	20.18		
5	64QAM	12	7	20.14	20.17	20.19	20.15	20.25	21.5	2.5
5	64QAM	12	13	20.08	20.04	20.10	20.07	20.04		
5	64QAM	25	0	19.99	19.99	20.16	20.20	20.02		
5	256QAM	1	0	18.13	18.13	18.31	18.11	18.10		
5	256QAM	1	12	18.24	18.07	18.25	18.02	18.21	19.5	4.5
5	256QAM	1	24	17.98	18.00	18.19	18.00	18.01		
5	256QAM	12	0	18.07	18.04	18.20	18.08	18.12		
5	256QAM	12	7	18.06	18.10	18.14	17.99	18.09	19.5	4.5
5	256QAM	12	13	18.01	17.96	18.06	18.03	17.98		
5	256QAM	25	0	18.00	18.06	18.14	18.06	18.09		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	25.60	25.56	25.62	25.46	25.43		
20	QPSK	1	49	25.46	25.23	25.56	25.40	25.36	26	0
20	QPSK	1	99	25.23	25.38	25.42	25.35	25.31		
20	QPSK	50	0	25.42	25.34	25.48	25.21	25.08		
20	QPSK	50	24	25.32	25.23	25.38	25.29	25.10	26	0
20	QPSK	50	50	25.07	25.19	25.20	25.26	25.08		
20	QPSK	100	0	25.32	25.20	25.36	25.28	25.13		
20	16QAM	1	0	25.55	25.46	25.60	25.46	25.41		
20	16QAM	1	49	25.35	25.39	25.48	25.46	25.27	26	0
20	16QAM	1	99	25.30	25.34	25.42	25.44	25.22		
20	16QAM	50	0	24.26	24.15	24.36	24.27	24.10		
20	16QAM	50	24	24.19	24.20	24.28	24.11	24.06	25	1
20	16QAM	50	50	24.11	24.05	24.17	24.11	23.97		
20	16QAM	100	0	24.25	24.21	24.33	24.15	24.17		
20	64QAM	1	0	24.18	24.15	24.29	24.10	24.10		
20	64QAM	1	49	24.02	24.11	24.10	24.10	23.96	25	1
20	64QAM	1	99	24.08	24.03	24.14	24.03	23.96		
20	64QAM	50	0	23.26	23.22	23.38	23.20	23.14		
20	64QAM	50	24	23.15	23.14	23.27	23.19	23.03	24	2
20	64QAM	50	50	23.14	23.10	23.23	23.15	23.06		
20	64QAM	100	0	23.11	23.17	23.23	23.22	23.02		
20	256QAM	1	0	21.51	21.42	21.59	21.46	21.29		
20	256QAM	1	49	21.54	21.40	21.59	21.45	21.30	22	4
20	256QAM	1	99	21.24	21.37	21.38	21.38	21.28		
20	256QAM	50	0	21.36	21.31	21.43	21.35	21.24		
20	256QAM	50	24	21.22	21.16	21.29	21.24	21.04	22	4
20	256QAM	50	50	21.14	21.12	21.21	21.20	21.05		
20	256QAM	100	0	21.32	21.21	21.38	21.19	21.16		
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	25.52	25.47	25.59	25.30	25.28		
15	QPSK	1	37	25.39	25.12	25.50	25.28	25.20	26.00	0
15	QPSK	1	74	25.13	25.30	25.35	25.24	25.23		
15	QPSK	36	0	25.39	25.31	25.31	25.10	24.91		
15	QPSK	36	20	25.20	25.06	25.34	25.19	24.95	26	0
15	QPSK	36	39	24.93	25.03	25.07	25.24	25.04		
15	QPSK	75	0	25.24	25.15	25.23	25.15	25.00		
15	16QAM	1	0	25.43	25.36	25.51	25.38	25.36		
15	16QAM	1	37	25.25	25.30	25.37	25.42	25.23	26	0
15	16QAM	1	74	25.16	25.21	25.28	25.38	25.10		
15	16QAM	36	0	24.22	24.02	24.24	24.16	23.97		
15	16QAM	36	20	24.05	24.08	24.22	24.05	23.92	25	1
15	16QAM	36	39	24.08	23.99	24.08	24.06	23.86		
15	16QAM	75	0	24.19	24.08	24.27	24.04	24.02		
15	64QAM	1	0	24.04	24.10	24.16	24.05	23.99		
15	64QAM	1	37	23.89	24.04	23.97	23.98	23.88	25	1
15	64QAM	1	74	24.03	23.89	24.10	23.94	23.92		
15	64QAM	36	0	23.19	23.18	23.35	23.05	23.05		
15	64QAM	36	20	23.05	22.99	23.22	23.15	22.97	24	2
15	64QAM	36	39	23.04	22.99	23.14	23.10	22.96		
15	64QAM	75	0	23.04	23.03	23.08	23.18	22.92		
15	256QAM	1	0	21.43	21.30	21.51	21.39	21.22		
15	256QAM	1	37	21.42	21.27	21.46	21.36	21.19	22	4
15	256QAM	1	74	21.20	21.26	21.32	21.23	21.20		
15	256QAM	36	0	21.24	21.17	21.34	21.25	21.11		
15	256QAM	36	20	21.08	21.12	21.21	21.16	20.99	22	4
15	256QAM	36	39	21.10	21.08	21.07	21.09	20.98		
15	256QAM	75	0	21.21	21.12	21.31	21.06	21.07		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	25.44	25.44	25.54	25.33	25.27		
10	QPSK	1	25	25.35	25.11	25.51	25.34	25.28	26.00	0
10	QPSK	1	49	25.06	25.30	25.30	25.31	25.16		
10	QPSK	25	0	25.34	25.22	25.36	25.10	24.92		
10	QPSK	25	12	25.28	25.05	25.22	25.14	25.03	26	0
10	QPSK	25	25	24.92	25.06	25.09	25.14	24.97		
10	QPSK	50	0	25.30	25.06	25.23	25.24	24.96		
10	16QAM	1	0	25.47	25.40	25.60	25.41	25.36		
10	16QAM	1	25	25.20	25.34	25.40	25.38	25.12	26	0
10	16QAM	1	49	25.21	25.21	25.28	25.36	25.17		
10	16QAM	25	0	24.23	24.09	24.31	24.12	24.03		
10	16QAM	25	12	24.12	24.15	24.22	24.06	23.91	25	1
10	16QAM	25	25	24.04	23.96	24.14	24.04	23.85		
10	16QAM	50	0	24.18	24.14	24.28	24.06	24.13		
10	64QAM	1	0	24.09	24.09	24.26	24.06	23.97		
10	64QAM	1	25	23.94	23.98	24.02	23.99	23.88	25	1
10	64QAM	1	49	23.94	23.89	24.02	23.92	23.86		
10	64QAM	25	0	23.21	23.08	23.28	23.15	23.03		
10	64QAM	25	12	23.05	23.10	23.24	23.09	22.89	24	2
10	64QAM	25	25	23.02	22.97	23.20	23.08	22.96		
10	64QAM	50	0	22.97	23.07	23.13	23.18	22.98		
10	256QAM	1	0	21.47	21.39	21.54	21.36	21.18		
10	256QAM	1	25	21.51	21.26	21.47	21.39	21.25	22	4
10	256QAM	1	49	21.14	21.30	21.35	21.30	21.22		
10	256QAM	25	0	21.28	21.21	21.36	21.32	21.20		
10	256QAM	25	12	21.09	21.04	21.23	21.17	20.94	22	4
10	256QAM	25	25	20.99	21.07	21.13	21.16	20.96		
10	256QAM	50	0	21.28	21.16	21.27	21.11	21.02		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	25.51	25.43	25.46	25.38	25.40		
5	QPSK	1	12	25.43	25.07	25.45	25.33	25.31	26.00	0
5	QPSK	1	24	25.15	25.24	25.36	25.21	25.26		
5	QPSK	12	0	25.39	25.32	25.41	25.09	24.93		
5	QPSK	12	7	25.24	25.15	25.28	25.12	25.03	26	0
5	QPSK	12	13	24.93	25.06	25.02	25.17	25.05		
5	QPSK	25	0	25.21	25.05	25.28	25.22	25.09		
5	16QAM	1	0	25.47	25.42	25.62	25.38	25.27		
5	16QAM	1	12	25.29	25.29	25.33	25.35	25.24	26	0
5	16QAM	1	24	25.19	25.21	25.36	25.34	25.18		
5	16QAM	12	0	24.20	24.02	24.31	24.20	24.02		
5	16QAM	12	7	24.15	24.14	24.19	24.06	23.97	25	1
5	16QAM	12	13	24.06	23.98	24.03	24.07	23.89		
5	16QAM	25	0	24.12	24.15	24.26	24.06	24.07		
5	64QAM	1	0	24.07	24.10	24.21	24.05	24.00		
5	64QAM	1	12	23.91	23.97	24.02	24.07	23.92	25	1
5	64QAM	1	24	23.97	23.99	24.11	23.99	23.89		
5	64QAM	12	0	23.18	23.14	23.27	23.07	23.06		
5	64QAM	12	7	23.08	23.08	23.15	23.10	22.99	24	2
5	64QAM	12	13	23.00	22.98	23.16	23.05	23.01		
5	64QAM	25	0	23.08	23.11	23.11	23.18	22.98		
5	256QAM	1	0	21.45	21.34	21.49	21.41	21.22		
5	256QAM	1	12	21.48	21.25	21.46	21.37	21.17	22	4
5	256QAM	1	24	21.19	21.30	21.32	21.28	21.22		
5	256QAM	12	0	21.28	21.25	21.33	21.22	21.19		
5	256QAM	12	7	21.19	21.07	21.22	21.20	20.93	22	4
5	256QAM	12	13	21.08	21.06	21.15	21.16	20.96		
5	256QAM	25	0	21.24	21.16	21.25	21.12	21.06		

Band 48 Default Ant0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	21.28	21.44	21.37	21.32		
20	QPSK	1	49	21.23	21.39	21.34	21.25	23	0
20	QPSK	1	99	21.26	21.34	21.19	21.20		
20	QPSK	50	0	21.25	21.37	21.32	21.23		
20	QPSK	50	24	21.24	21.35	21.30	21.31	23	0
20	QPSK	50	50	21.26	21.31	21.26	21.23		
20	QPSK	100	0	21.15	21.28	21.14	21.22		
20	16QAM	1	0	21.31	21.34	21.30	21.24		
20	16QAM	1	49	21.23	21.30	21.20	21.23	23	0
20	16QAM	1	99	21.16	21.29	21.15	21.20		
20	16QAM	50	0	21.16	21.26	21.18	21.15		
20	16QAM	50	24	21.14	21.20	21.17	21.11	22.5	0.5
20	16QAM	50	50	21.10	21.23	21.14	21.19		
20	16QAM	100	0	21.18	21.21	21.15	21.13		
20	64QAM	1	0	21.09	21.15	21.10	21.01		
20	64QAM	1	49	20.99	21.07	20.96	21.04	22.5	0.5
20	64QAM	1	99	21.08	21.13	20.99	21.09		
20	64QAM	50	0	19.96	20.09	20.04	19.98		
20	64QAM	50	24	20.18	20.22	20.08	20.15	21.5	1.5
20	64QAM	50	50	20.15	20.20	20.15	20.14		
20	64QAM	100	0	20.08	20.15	20.10	20.10		
20	256QAM	1	0	18.13	18.25	18.16	18.11		
20	256QAM	1	49	18.14	18.23	18.11	18.13	19	4
20	256QAM	1	99	18.16	18.20	18.16	18.10		
20	256QAM	50	0	18.01	18.15	18.04	18.02		
20	256QAM	50	24	18.14	18.17	18.02	18.05	19	4
20	256QAM	50	50	18.02	18.14	17.99	18.08		
20	256QAM	100	0	18.09	18.11	18.06	17.98		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	21.15	21.40	21.29	21.27		
15	QPSK	1	37	21.14	21.29	21.28	21.10	23	0
15	QPSK	1	74	21.20	21.20	21.06	21.13		
15	QPSK	36	0	21.17	21.24	21.18	21.18		
15	QPSK	36	20	21.09	21.22	21.25	21.23	23	0
15	QPSK	36	39	21.13	21.26	21.19	21.13		
15	QPSK	75	0	21.06	21.18	21.11	21.14		
15	16QAM	1	0	21.18	21.22	21.22	21.14		
15	16QAM	1	37	21.13	21.17	21.16	21.11	23	0
15	16QAM	1	74	21.10	21.16	21.07	21.09		
15	16QAM	36	0	21.06	21.18	21.14	21.09		
15	16QAM	36	20	21.04	21.07	21.03	20.99	22.5	0.5
15	16QAM	36	39	21.05	21.19	21.10	21.15		
15	16QAM	75	0	21.10	21.10	21.11	21.02		
15	64QAM	1	0	20.95	21.04	21.04	20.93		
15	64QAM	1	37	20.89	20.93	20.88	20.98	22.5	0.5
15	64QAM	1	74	20.95	21.02	20.91	21.03		
15	64QAM	36	0	19.93	20.05	19.99	19.85		
15	64QAM	36	20	20.06	20.07	20.04	20.07	21.5	1.5
15	64QAM	36	39	20.04	20.15	20.11	20.05		
15	64QAM	75	0	20.00	20.08	19.97	20.04		
15	256QAM	1	0	18.04	18.17	18.07	18.00		
15	256QAM	1	37	18.03	18.14	18.00	18.10	19	4
15	256QAM	1	74	18.12	18.08	18.13	17.99		
15	256QAM	36	0	17.91	18.03	17.94	17.95		
15	256QAM	36	20	18.10	18.07	17.90	17.95	19	4
15	256QAM	36	39	17.99	18.04	17.94	18.04		
15	256QAM	75	0	18.02	18.02	17.94	17.92		
Channel				55290	55815	56155	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	21.23	21.37	21.33	21.21		
10	QPSK	1	25	21.13	21.35	21.28	21.11	23	0
10	QPSK	1	49	21.12	21.22	21.10	21.13		
10	QPSK	25	0	21.19	21.32	21.18	21.12		
10	QPSK	25	12	21.18	21.23	21.18	21.20	23	0
10	QPSK	25	25	21.12	21.22	21.20	21.11		
10	QPSK	50	0	21.06	21.22	21.03	21.18		
10	16QAM	1	0	21.28	21.28	21.19	21.13		
10	16QAM	1	25	21.10	21.25	21.13	21.16	23	0
10	16QAM	1	49	21.02	21.20	21.09	21.10		
10	16QAM	25	0	21.12	21.21	21.04	21.10		
10	16QAM	25	12	21.02	21.16	21.05	21.07	22.5	0.5
10	16QAM	25	25	20.96	21.12	21.05	21.14		
10	16QAM	50	0	21.14	21.08	21.11	21.05		
10	64QAM	1	0	21.03	21.06	20.98	20.97		
10	64QAM	1	25	20.96	21.04	20.84	21.01	22.5	0.5
10	64QAM	1	49	21.03	20.98	20.92	20.98		
10	64QAM	25	0	19.92	19.95	19.91	19.94		
10	64QAM	25	12	20.11	20.10	19.93	20.03	21.5	1.5
10	64QAM	25	25	20.07	20.11	20.08	20.03		
10	64QAM	50	0	19.94	20.02	20.05	20.06		
10	256QAM	1	0	18.03	18.15	18.12	18.07		
10	256QAM	1	25	18.10	18.14	18.07	18.00	19	4
10	256QAM	1	49	18.03	18.12	18.12	17.98		
10	256QAM	25	0	17.95	18.10	17.90	17.94		
10	256QAM	25	12	18.02	18.06	17.99	17.91	19	4
10	256QAM	25	25	17.94	18.08	17.90	18.00		
10	256QAM	50	0	18.03	18.07	17.98	17.92		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3553.5	3607	3643	3697.5		
5	QPSK	1	0	21.15	21.31	21.28	21.19		
5	QPSK	1	12	21.14	21.35	21.28	21.19	23	0
5	QPSK	1	24	21.11	21.31	21.15	21.10		
5	QPSK	12	0	21.15	21.29	21.19	21.10		
5	QPSK	12	7	21.20	21.25	21.22	21.19	23	0
5	QPSK	12	13	21.14	21.19	21.18	21.11		
5	QPSK	25	0	21.11	21.19	21.09	21.16		
5	16QAM	1	0	21.23	21.27	21.18	21.11		
5	16QAM	1	12	21.16	21.18	21.08	21.19	23	0
5	16QAM	1	24	21.10	21.16	21.02	21.11		
5	16QAM	12	0	21.05	21.15	21.05	21.12		
5	16QAM	12	7	21.09	21.11	21.10	21.06	22.5	0.5
5	16QAM	12	13	21.01	21.15	21.03	21.08		
5	16QAM	25	0	21.08	21.07	21.03	21.07		
5	64QAM	1	0	21.03	21.07	20.95	20.93		
5	64QAM	1	12	20.91	20.99	20.87	20.90	22.5	0.5
5	64QAM	1	24	21.04	20.99	20.85	20.97		
5	64QAM	12	0	19.83	19.97	19.97	19.85		
5	64QAM	12	7	20.15	20.17	19.99	20.06	21.5	1.5
5	64QAM	12	13	20.11	20.14	20.03	20.00		
5	64QAM	25	0	20.04	20.11	20.03	19.99		
5	256QAM	1	0	18.01	18.16	18.13	18.04		
5	256QAM	1	12	18.10	18.17	18.00	18.00	19	4
5	256QAM	1	24	18.04	18.10	18.02	18.06		
5	256QAM	12	0	17.93	18.01	17.99	17.97		
5	256QAM	12	7	18.06	18.03	17.90	17.95	19	4
5	256QAM	12	13	17.94	18.05	17.92	17.95		
5	256QAM	25	0	18.00	18.06	18.01	17.84		

GSM850 Ant1

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	31.42	31.48	31.36	32.50	22.42	22.48	22.36	23.50
GPRS 1 Tx slot	31.39	31.45	31.33	32.50	22.39	22.45	22.33	23.50
GPRS 2 Tx slots	28.27	28.39	28.32	29.50	22.27	22.39	22.32	23.50
GPRS 3 Tx slots	26.80	26.91	26.80	28.00	22.54	22.65	22.54	23.74
GPRS 4 Tx slots	25.16	25.22	25.17	26.00	22.16	22.22	22.17	23.00
EDGE 1 Tx slot	24.03	24.17	24.05	25.00	15.03	15.17	15.05	16.00
EDGE 2 Tx slots	22.29	22.41	22.34	23.50	16.29	16.41	16.34	17.50
EDGE 3 Tx slots	21.15	21.23	21.08	22.00	16.89	16.97	16.82	17.74
EDGE 4 Tx slots	18.99	19.08	18.93	20.00	15.99	16.08	15.93	17.00

GSM1900 Ant1

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	27.66	27.74	27.63	28.50	18.66	18.74	18.63	19.50
GPRS 1 Tx slot	27.52	27.67	27.57	28.50	18.52	18.67	18.57	19.50
GPRS 2 Tx slots	25.06	25.09	24.98	26.00	19.06	19.09	18.98	20.00
GPRS 3 Tx slots	23.36	23.42	23.32	24.50	19.10	19.16	19.06	20.24
GPRS 4 Tx slots	20.62	20.74	20.63	21.50	17.62	17.74	17.63	18.50
EDGE 1 Tx slot	22.78	22.86	22.72	23.50	13.78	13.86	13.72	14.50
EDGE 2 Tx slots	21.13	21.22	21.13	22.00	15.13	15.22	15.13	16.00
EDGE 3 Tx slots	19.86	19.96	19.86	21.00	15.60	15.70	15.60	16.74
EDGE 4 Tx slots	17.91	18.05	17.97	19.00	14.91	15.05	14.97	16.00

WCDMA II Ant1 / WCDMA IV Ant3 / WCDMA V Ant1

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	21.45	21.53	21.44	23.00	21.42	21.44	21.31	23.00	21.14	21.17	21.04	23.00
3GPP Rel 99	RMC 12.2Kbps	21.48	21.57	21.51	23.00	21.45	21.49	21.37	23.00	21.17	21.23	21.09	23.00
3GPP Rel 6	HSDPA Subtest-1	20.55	20.64	20.47	22.00	20.46	20.57	20.32	22.00	20.23	20.23	20.02	22.00
3GPP Rel 6	HSDPA Subtest-2	20.48	20.57	20.52	22.00	20.42	20.50	20.41	22.00	20.12	20.22	20.17	22.00
3GPP Rel 6	HSDPA Subtest-3	20.02	20.14	20.10	21.50	19.91	20.02	19.95	21.50	19.57	19.70	19.69	21.50
3GPP Rel 6	HSDPA Subtest-4	19.95	20.18	20.08	21.50	19.87	20.11	19.94	21.50	19.56	19.79	19.61	21.50
3GPP Rel 8	DC-HSDPA Subtest-1	20.50	20.70	20.45	22.00	20.46	20.63	20.35	22.00	20.21	20.32	20.01	22.00
3GPP Rel 8	DC-HSDPA Subtest-2	20.37	20.42	20.36	22.00	20.33	20.29	20.28	22.00	20.08	20.06	19.94	22.00
3GPP Rel 8	DC-HSDPA Subtest-3	19.99	19.96	19.92	21.50	19.94	19.84	19.88	21.50	19.69	19.58	19.65	21.50
3GPP Rel 8	DC-HSDPA Subtest-4	19.87	19.94	19.99	21.50	19.82	19.80	19.93	21.50	19.49	19.47	19.64	21.50
3GPP Rel 6	HSUPA Subtest-1	20.56	20.61	20.66	22.00	20.43	20.56	20.56	22.00	20.15	20.22	20.28	22.00
3GPP Rel 6	HSUPA Subtest-2	18.53	18.67	18.52	20.00	18.42	18.53	18.39	20.00	18.09	18.19	18.13	20.00
3GPP Rel 6	HSUPA Subtest-3	19.53	19.62	19.58	21.00	19.43	19.53	19.47	21.00	19.19	19.20	19.15	21.00
3GPP Rel 6	HSUPA Subtest-4	18.45	18.48	18.44	20.00	18.37	18.45	18.35	20.00	18.04	18.14	18.03	20.00
3GPP Rel 6	HSUPA Subtest-5	20.59	20.49	20.39	22.00	20.55	20.36	20.33	22.00	20.21	20.03	20.08	22.00

Band 2 Default Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	20.90	21.09	20.98		
20	QPSK	1	49	20.75	21.04	20.88	22	0
20	QPSK	1	99	20.80	20.98	20.90		
20	QPSK	50	0	20.99	21.04	20.89		
20	QPSK	50	24	20.87	20.99	20.90	22	0
20	QPSK	50	50	20.88	20.92	20.80		
20	QPSK	100	0	20.90	20.99	20.87		
20	16QAM	1	0	20.80	20.93	20.79		
20	16QAM	1	49	20.77	20.83	20.83	22	0
20	16QAM	1	99	20.69	20.73	20.77		
20	16QAM	50	0	20.82	20.88	20.76		
20	16QAM	50	24	20.72	20.85	20.69	21.5	0.5
20	16QAM	50	50	20.72	20.79	20.66		
20	16QAM	100	0	20.76	20.85	20.77		
20	64QAM	1	0	20.71	20.80	20.71		
20	64QAM	1	49	20.67	20.76	20.72	21.5	0.5
20	64QAM	1	99	20.56	20.71	20.61		
20	64QAM	50	0	19.80	19.88	19.76		
20	64QAM	50	24	19.77	19.73	19.69	20.5	1.5
20	64QAM	50	50	19.71	19.72	19.69		
20	64QAM	100	0	19.86	19.83	19.80		
20	256QAM	1	0	17.86	17.99	17.89		
20	256QAM	1	49	17.87	17.99	17.89	18.5	3.5
20	256QAM	1	99	17.82	17.86	17.81		
20	256QAM	50	0	17.88	17.94	17.88		
20	256QAM	50	24	17.73	17.83	17.80	18.5	3.5
20	256QAM	50	50	17.75	17.81	17.77		
20	256QAM	100	0	17.81	17.87	17.74		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	20.86	21.02	20.89		
15	QPSK	1	37	20.75	20.90	20.80	22	0
15	QPSK	1	74	20.73	21.00	20.86		
15	QPSK	36	0	20.93	21.03	20.87		
15	QPSK	36	20	20.78	20.91	20.88	22	0
15	QPSK	36	39	20.90	20.73	20.73		
15	QPSK	75	0	20.82	20.95	20.77		
15	16QAM	1	0	20.75	20.91	20.81		
15	16QAM	1	37	20.76	20.73	20.84	22	0
15	16QAM	1	74	20.66	20.84	20.71		
15	16QAM	36	0	20.72	20.81	20.67		
15	16QAM	36	20	20.64	20.84	20.69	21.5	0.5
15	16QAM	36	39	20.66	20.80	20.57		
15	16QAM	75	0	20.73	20.83	20.56		
15	64QAM	1	0	20.70	20.72	20.67		
15	64QAM	1	37	20.66	20.76	20.74	21.5	0.5
15	64QAM	1	74	20.49	20.69	20.55		
15	64QAM	36	0	19.72	19.86	19.74		
15	64QAM	36	20	19.76	19.67	19.63	20.5	1.5
15	64QAM	36	39	19.71	19.63	19.61		
15	64QAM	75	0	19.86	19.82	19.78		
15	256QAM	1	0	17.80	17.90	17.88		
15	256QAM	1	37	17.94	17.86	17.86	18.5	3.5
15	256QAM	1	74	17.76	17.85	17.72		
15	256QAM	36	0	17.86	17.93	17.81		
15	256QAM	36	20	17.73	17.82	17.78	18.5	3.5
15	256QAM	36	39	17.86	17.74	17.65		
15	256QAM	75	0	17.73	17.89	17.68		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	20.89	21.05	20.79		
10	QPSK	1	25	20.70	20.95	20.82	22	0
10	QPSK	1	49	20.71	20.94	20.92		
10	QPSK	25	0	20.94	20.94	20.87		
10	QPSK	25	12	20.84	20.95	20.84	22	0
10	QPSK	25	25	20.84	20.76	20.76		
10	QPSK	50	0	20.80	20.86	20.82		
10	16QAM	1	0	20.79	20.95	20.74		
10	16QAM	1	25	20.78	20.74	20.85	22	0
10	16QAM	1	49	20.62	20.73	20.73		
10	16QAM	25	0	20.83	20.89	20.70		
10	16QAM	25	12	20.72	20.84	20.66	21.5	0.5
10	16QAM	25	25	20.68	20.80	20.64		
10	16QAM	50	0	20.73	20.77	20.77		
10	64QAM	1	0	20.64	20.75	20.71		
10	64QAM	1	25	20.64	20.76	20.64	21.5	0.5
10	64QAM	1	49	20.49	20.69	20.55		
10	64QAM	25	0	19.75	19.87	19.67		
10	64QAM	25	12	19.75	19.65	19.71	20.5	1.5
10	64QAM	25	25	19.67	19.67	19.67		
10	64QAM	50	0	19.79	19.77	19.82		
10	256QAM	1	0	17.81	17.92	17.86		
10	256QAM	1	25	17.81	17.92	17.85	18.5	3.5
10	256QAM	1	49	17.73	17.79	17.76		
10	256QAM	25	0	17.82	17.85	17.80		
10	256QAM	25	12	17.69	17.78	17.75	18.5	3.5
10	256QAM	25	25	17.75	17.78	17.70		
10	256QAM	50	0	17.82	17.78	17.68		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	20.81	21.06	20.88		
5	QPSK	1	12	20.65	20.99	20.82	22	0
5	QPSK	1	24	20.72	21.01	20.90		
5	QPSK	12	0	20.90	21.01	20.81		
5	QPSK	12	7	20.87	20.95	20.86	22	0
5	QPSK	12	13	20.86	20.84	20.73		
5	QPSK	25	0	20.87	20.94	20.79		
5	16QAM	1	0	20.78	20.90	20.76		
5	16QAM	1	12	20.73	20.74	20.73	22	0
5	16QAM	1	24	20.62	20.67	20.71		
5	16QAM	12	0	20.83	20.83	20.78		
5	16QAM	12	7	20.71	20.79	20.64	21.5	0.5
5	16QAM	12	13	20.71	20.62	20.68		
5	16QAM	25	0	20.73	20.78	20.74		
5	64QAM	1	0	20.65	20.77	20.62		
5	64QAM	1	12	20.69	20.66	20.73	21.5	0.5
5	64QAM	1	24	20.48	20.68	20.55		
5	64QAM	12	0	19.71	19.82	19.66		
5	64QAM	12	7	19.73	19.65	19.68	20.5	1.5
5	64QAM	12	13	19.73	19.72	19.60		
5	64QAM	25	0	19.80	19.79	19.79		
5	256QAM	1	0	17.76	17.97	17.81		
5	256QAM	1	12	17.79	17.96	17.85	18.5	3.5
5	256QAM	1	24	17.78	17.78	17.81		
5	256QAM	12	0	17.78	17.80	17.80		
5	256QAM	12	7	17.66	17.84	17.81	18.5	3.5
5	256QAM	12	13	17.73	17.76	17.59		
5	256QAM	25	0	17.78	17.84	17.73		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	20.91	21.00	20.91		
3	QPSK	1	8	20.76	20.94	20.81	22	0
3	QPSK	1	14	20.70	20.93	20.83		
3	QPSK	8	0	20.97	20.99	20.84		
3	QPSK	8	4	20.82	21.00	20.88	22	0
3	QPSK	8	7	20.90	20.87	20.76		
3	QPSK	15	0	20.84	20.86	20.86		
3	16QAM	1	0	20.82	20.94	20.71		
3	16QAM	1	8	20.72	20.75	20.77	22	0
3	16QAM	1	14	20.65	20.68	20.77		
3	16QAM	8	0	20.74	20.88	20.76		
3	16QAM	8	4	20.72	20.79	20.64	21.5	0.5
3	16QAM	8	7	20.66	20.81	20.60		
3	16QAM	15	0	20.78	20.80	20.70		
3	64QAM	1	0	20.71	20.74	20.63		
3	64QAM	1	8	20.61	20.74	20.65	21.5	0.5
3	64QAM	1	14	20.46	20.71	20.56		
3	64QAM	8	0	19.79	19.79	19.71		
3	64QAM	8	4	19.71	19.64	19.69	20.5	1.5
3	64QAM	8	7	19.61	19.63	19.67		
3	64QAM	15	0	19.79	19.73	19.77		
3	256QAM	1	0	17.84	17.94	17.88		
3	256QAM	1	8	17.88	17.94	17.87	18.5	3.5
3	256QAM	1	14	17.81	17.82	17.75		
3	256QAM	8	0	17.88	17.92	17.79		
3	256QAM	8	4	17.65	17.84	17.78	18.5	3.5
3	256QAM	8	7	17.70	17.81	17.71		
3	256QAM	15	0	17.80	17.78	17.75		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	20.81	21.07	20.93		
1.4	QPSK	1	3	20.66	20.93	20.79		
1.4	QPSK	1	5	20.76	20.96	20.83	22	0
1.4	QPSK	3	0	20.95	21.00	20.80		
1.4	QPSK	3	1	20.77	20.88	20.78		
1.4	QPSK	3	3	20.84	20.89	20.72		
1.4	QPSK	6	0	20.86	20.91	20.83	22	0
1.4	16QAM	1	0	20.73	20.81	20.76		
1.4	16QAM	1	3	20.73	20.71	20.75		
1.4	16QAM	1	5	20.68	20.66	20.65	22	0
1.4	16QAM	3	0	20.71	20.80	20.69		
1.4	16QAM	3	1	20.68	20.79	20.77		
1.4	16QAM	3	3	20.64	20.66	20.73		
1.4	16QAM	6	0	20.70	20.77	20.74	21.5	0.5
1.4	64QAM	1	0	20.60	20.76	20.64		
1.4	64QAM	1	3	20.60	20.77	20.58		
1.4	64QAM	1	5	20.63	20.80	20.73	21.5	0.5
1.4	64QAM	3	0	20.67	20.77	20.65		
1.4	64QAM	3	1	20.64	20.67	20.64		
1.4	64QAM	3	3	20.50	20.64	20.51		
1.4	64QAM	6	0	19.76	19.84	19.68	20.5	1.5
1.4	256QAM	1	0	17.76	17.92	17.76		
1.4	256QAM	1	3	17.76	17.95	17.77		
1.4	256QAM	1	5	17.69	17.74	17.80	18.5	3.5
1.4	256QAM	3	0	17.76	17.90	17.83		
1.4	256QAM	3	1	17.67	17.76	17.71		
1.4	256QAM	3	3	17.65	17.74	17.62		
1.4	256QAM	6	0	17.75	17.75	17.64	18.5	3.5

Band 4 Default Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	20.93	21.08	20.89		
20	QPSK	1	49	20.80	20.94	20.80	22	0
20	QPSK	1	99	20.77	20.91	20.78		
20	QPSK	50	0	20.75	20.91	20.83		
20	QPSK	50	24	20.72	20.81	20.79	22	0
20	QPSK	50	50	20.74	20.78	20.77		
20	QPSK	100	0	20.78	20.85	20.83		
20	16QAM	1	0	20.87	20.92	20.80		
20	16QAM	1	49	20.78	20.85	20.75	22	0
20	16QAM	1	99	20.67	20.83	20.68		
20	16QAM	50	0	20.74	20.81	20.66		
20	16QAM	50	24	20.68	20.74	20.66	21.5	0.5
20	16QAM	50	50	20.62	20.70	20.62		
20	16QAM	100	0	20.63	20.78	20.69		
20	64QAM	1	0	20.78	20.85	20.75		
20	64QAM	1	49	20.74	20.80	20.74	21.5	0.5
20	64QAM	1	99	20.59	20.70	20.72		
20	64QAM	50	0	19.74	19.90	19.79		
20	64QAM	50	24	19.70	19.83	19.71	20.5	1.5
20	64QAM	50	50	19.64	19.78	19.66		
20	64QAM	100	0	19.68	19.74	19.75		
20	256QAM	1	0	17.99	18.06	18.01		
20	256QAM	1	49	17.92	18.06	17.88	18.5	3.5
20	256QAM	1	99	17.89	17.94	17.86		
20	256QAM	50	0	17.65	17.82	17.71		
20	256QAM	50	24	17.66	17.77	17.71	18.5	3.5
20	256QAM	50	50	17.57	17.72	17.68		
20	256QAM	100	0	17.65	17.77	17.70		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	20.86	21.02	20.78		
15	QPSK	1	37	20.70	20.85	20.76	22	0
15	QPSK	1	74	20.66	20.86	20.73		
15	QPSK	36	0	20.63	20.85	20.74		
15	QPSK	36	20	20.62	20.76	20.67	22	0
15	QPSK	36	39	20.60	20.73	20.69		
15	QPSK	75	0	20.69	20.75	20.76		
15	16QAM	1	0	20.80	20.78	20.76		
15	16QAM	1	37	20.67	20.78	20.62	22	0
15	16QAM	1	74	20.62	20.80	20.58		
15	16QAM	36	0	20.67	20.75	20.56		
15	16QAM	36	20	20.58	20.69	20.63	21.5	0.5
15	16QAM	36	39	20.50	20.64	20.50		
15	16QAM	75	0	20.56	20.73	20.59		
15	64QAM	1	0	20.68	20.76	20.63		
15	64QAM	1	37	20.66	20.69	20.68	21.5	0.5
15	64QAM	1	74	20.48	20.62	20.64		
15	64QAM	36	0	19.70	19.76	19.74		
15	64QAM	36	20	19.63	19.66	19.74	20.5	1.5
15	64QAM	36	39	19.55	19.66	19.51		
15	64QAM	75	0	19.65	19.67	19.63		
15	256QAM	1	0	17.86	17.92	17.89		
15	256QAM	1	37	17.78	18.01	17.84	18.5	3.5
15	256QAM	1	74	17.78	17.81	17.73		
15	256QAM	36	0	17.57	17.74	17.59		
15	256QAM	36	20	17.62	17.65	17.65	18.5	3.5
15	256QAM	36	39	17.42	17.65	17.54		
15	256QAM	75	0	17.56	17.64	17.58		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	20.85	20.96	20.79		
10	QPSK	1	25	20.75	20.84	20.74	22	0
10	QPSK	1	49	20.66	20.77	20.68		
10	QPSK	25	0	20.66	20.83	20.73		
10	QPSK	25	12	20.64	20.69	20.72	22	0
10	QPSK	25	25	20.64	20.67	20.76		
10	QPSK	50	0	20.69	20.81	20.76		
10	16QAM	1	0	20.77	20.85	20.68		
10	16QAM	1	25	20.71	20.71	20.71	22	0
10	16QAM	1	49	20.59	20.73	20.56		
10	16QAM	25	0	20.62	20.67	20.57		
10	16QAM	25	12	20.59	20.60	20.52	21.5	0.5
10	16QAM	25	25	20.58	20.64	20.48		
10	16QAM	50	0	20.49	20.59	20.56		
10	64QAM	1	0	20.66	20.71	20.67		
10	64QAM	1	25	20.70	20.71	20.63	21.5	0.5
10	64QAM	1	49	20.55	20.62	20.61		
10	64QAM	25	0	19.63	19.76	19.72		
10	64QAM	25	12	19.58	19.69	19.64	20.5	1.5
10	64QAM	25	25	19.58	19.69	19.60		
10	64QAM	50	0	19.56	19.67	19.62		
10	256QAM	1	0	17.90	17.97	17.89		
10	256QAM	1	25	17.83	17.95	17.82	18.5	3.5
10	256QAM	1	49	17.83	17.82	17.75		
10	256QAM	25	0	17.54	17.70	17.60		
10	256QAM	25	12	17.52	17.63	17.61	18.5	3.5
10	256QAM	25	25	17.51	17.67	17.64		
10	256QAM	50	0	17.52	17.68	17.55		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	20.80	20.94	20.78		
5	QPSK	1	12	20.73	20.90	20.68	22	0
5	QPSK	1	24	20.68	20.87	20.70		
5	QPSK	12	0	20.70	20.84	20.69		
5	QPSK	12	7	20.65	20.76	20.67	22	0
5	QPSK	12	13	20.67	20.71	20.72		
5	QPSK	25	0	20.66	20.73	20.79		
5	16QAM	1	0	20.75	20.87	20.76		
5	16QAM	1	12	20.74	20.77	20.68	22	0
5	16QAM	1	24	20.57	20.75	20.63		
5	16QAM	12	0	20.67	20.66	20.60		
5	16QAM	12	7	20.59	20.68	20.55	21.5	0.5
5	16QAM	12	13	20.59	20.63	20.55		
5	16QAM	25	0	20.55	20.63	20.55		
5	64QAM	1	0	20.75	20.75	20.60		
5	64QAM	1	12	20.65	20.73	20.64	21.5	0.5
5	64QAM	1	24	20.51	20.68	20.55		
5	64QAM	12	0	19.67	19.79	19.66		
5	64QAM	12	7	19.55	19.71	19.57	20.5	1.5
5	64QAM	12	13	19.56	19.70	19.56		
5	64QAM	25	0	19.63	19.76	19.68		
5	256QAM	1	0	17.94	18.00	17.89		
5	256QAM	1	12	17.86	17.98	17.85	18.5	3.5
5	256QAM	1	24	17.78	17.91	17.74		
5	256QAM	12	0	17.81	17.90	17.83		
5	256QAM	12	7	17.55	17.70	17.65	18.5	3.5
5	256QAM	12	13	17.47	17.64	17.64		
5	256QAM	25	0	17.57	17.69	17.65		
Channel				19950	20175	20400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	20.79	21.04	20.79		
3	QPSK	1	8	20.69	20.80	20.71	22	0
3	QPSK	1	14	20.72	20.81	20.71		
3	QPSK	8	0	20.64	20.88	20.77		
3	QPSK	8	4	20.68	20.76	20.64	22	0
3	QPSK	8	7	20.61	20.64	20.71		
3	QPSK	15	0	20.73	20.73	20.69		
3	16QAM	1	0	20.73	20.81	20.70		
3	16QAM	1	8	20.64	20.72	20.66	22	0
3	16QAM	1	14	20.53	20.73	20.54		
3	16QAM	8	0	20.61	20.71	20.62		
3	16QAM	8	4	20.59	20.69	20.58	21.5	0.5
3	16QAM	8	7	20.47	20.63	20.48		
3	16QAM	15	0	20.52	20.72	20.61		
3	64QAM	1	0	20.75	20.70	20.64		
3	64QAM	1	8	20.64	20.76	20.62	21.5	0.5
3	64QAM	1	14	20.55	20.57	20.62		
3	64QAM	8	0	19.59	19.79	19.67		
3	64QAM	8	4	19.58	19.68	19.59	20.5	1.5
3	64QAM	8	7	19.59	19.71	19.57		
3	64QAM	15	0	19.55	19.61	19.71		
3	256QAM	1	0	17.88	18.00	17.86		
3	256QAM	1	8	17.89	18.02	17.78	18.5	3.5
3	256QAM	1	14	17.75	17.87	17.83		
3	256QAM	8	0	17.51	17.71	17.56		
3	256QAM	8	4	17.55	17.62	17.62	18.5	3.5
3	256QAM	8	7	17.48	17.60	17.57		
3	256QAM	15	0	17.55	17.71	17.62		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	20.80	20.99	20.81		
1.4	QPSK	1	3	20.69	20.86	20.69		
1.4	QPSK	1	5	20.68	20.79	20.74	22	0
1.4	QPSK	3	0	20.67	20.78	20.78		
1.4	QPSK	3	1	20.66	20.70	20.69		
1.4	QPSK	3	3	20.70	20.69	20.74		
1.4	QPSK	6	0	20.71	20.77	20.76	22	0
1.4	16QAM	1	0	20.78	20.79	20.72		
1.4	16QAM	1	3	20.74	20.81	20.64		
1.4	16QAM	1	5	20.61	20.87	20.74	22	0
1.4	16QAM	3	0	20.61	20.78	20.73		
1.4	16QAM	3	1	20.69	20.67	20.74		
1.4	16QAM	3	3	20.72	20.73	20.74		
1.4	16QAM	6	0	20.62	20.74	20.57	21.5	0.5
1.4	64QAM	1	0	20.55	20.60	20.58		
1.4	64QAM	1	3	20.47	20.63	20.57		
1.4	64QAM	1	5	20.59	20.73	20.61	21.5	0.5
1.4	64QAM	3	0	20.71	20.74	20.70		
1.4	64QAM	3	1	20.68	20.65	20.66		
1.4	64QAM	3	3	20.46	20.62	20.61		
1.4	64QAM	6	0	19.69	19.86	19.74	20.5	1.5
1.4	256QAM	1	0	17.87	17.95	17.96		
1.4	256QAM	1	3	17.86	17.94	17.75		
1.4	256QAM	1	5	17.76	17.90	17.71	18.5	3.5
1.4	256QAM	3	0	17.53	17.72	17.58		
1.4	256QAM	3	1	17.53	17.68	17.65		
1.4	256QAM	3	3	17.45	17.67	17.62		
1.4	256QAM	6	0	17.57	17.74	17.60	18.5	3.5

Band 5 Default Ant1

BW [MHz]	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	21.22	21.31	21.26		
10	QPSK	1	25	21.16	21.28	21.20	22	0
10	QPSK	1	49	21.08	21.16	21.12		
10	QPSK	25	0	21.13	21.25	21.19		
10	QPSK	25	12	21.12	21.16	21.11	22	0
10	QPSK	25	25	20.99	21.09	21.03		
10	QPSK	50	0	21.03	21.18	21.11		
10	16QAM	1	0	21.05	21.16	21.06		
10	16QAM	1	25	21.04

Band 12 Default Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	21.61	21.73	21.68		
10	QPSK	1	25	21.43	21.61	21.52	23	0
10	QPSK	1	49	21.47	21.49	21.52		
10	QPSK	25	0	21.60	21.70	21.55		
10	QPSK	25	12	21.55	21.63	21.53	23	0
10	QPSK	25	25	21.46	21.48	21.46		
10	QPSK	50	0	21.51	21.57	21.45		
10	16QAM	1	0	21.55	21.63	21.51		
10	16QAM	1	25	21.40	21.48	21.36	23	0
10	16QAM	1	49	21.35	21.48	21.44		
10	16QAM	25	0	21.39	21.59	21.49		
10	16QAM	25	12	21.34	21.46	21.40	22.5	0.5
10	16QAM	25	25	21.38	21.39	21.41		
10	16QAM	50	0	21.33	21.54	21.40		
10	64QAM	1	0	21.34	21.50	21.36		
10	64QAM	1	25	21.26	21.32	21.33	22.5	0.5
10	64QAM	1	49	21.24	21.36	21.28		
10	64QAM	25	0	20.40	20.53	20.43		
10	64QAM	25	12	20.37	20.43	20.31	21.5	1.5
10	64QAM	25	25	20.28	20.34	20.33		
10	64QAM	50	0	20.25	20.37	20.31		
10	256QAM	1	0	18.44	18.62	18.48		
10	256QAM	1	25	18.42	18.62	18.49	19.5	3.5
10	256QAM	1	49	18.41	18.37	18.33		
10	256QAM	25	0	18.35	18.53	18.42		
10	256QAM	25	12	18.26	18.37	18.36	19.5	3.5
10	256QAM	25	25	18.24	18.32	18.32		
10	256QAM	50	0	18.33	18.45	18.30		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	21.56	21.63	21.54	23	0
5	QPSK	1	12	21.37	21.56	21.43		
5	QPSK	1	24	21.33	21.44	21.40		
5	QPSK	12	0	21.51	21.58	21.44		
5	QPSK	12	7	21.49	21.58	21.39	23	0
5	QPSK	12	13	21.34	21.39	21.41		
5	QPSK	25	0	21.40	21.46	21.33		
5	16QAM	1	0	21.48	21.51	21.40		
5	16QAM	1	12	21.30	21.37	21.23	23	0
5	16QAM	1	24	21.22	21.37	21.36		
5	16QAM	12	0	21.31	21.46	21.41		
5	16QAM	12	7	21.23	21.39	21.27	22.5	0.5
5	16QAM	12	13	21.27	21.32	21.38		
5	16QAM	25	0	21.26	21.43	21.34		
5	64QAM	1	0	21.20	21.36	21.22		
5	64QAM	1	12	21.12	21.17	21.27	22.5	0.5
5	64QAM	1	24	21.13	21.26	21.20		
5	64QAM	12	0	20.31	20.41	20.30		
5	64QAM	12	7	20.33	20.34	20.19	21.5	1.5
5	64QAM	12	13	20.17	20.20	20.18		
5	64QAM	25	0	20.15	20.22	20.24		
5	256QAM	1	0	18.36	18.53	18.35		
5	256QAM	1	12	18.31	18.50	18.45	19.5	3.5
5	256QAM	1	24	18.28	18.31	18.25		
5	256QAM	12	0	18.30	18.45	18.31		
5	256QAM	12	7	18.17	18.24	18.23	19.5	3.5
5	256QAM	12	13	18.20	18.31	18.28		
5	256QAM	25	0	18.30	18.42	18.17		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	21.46	21.66	21.63	23	0
3	QPSK	1	8	21.32	21.54	21.37		
3	QPSK	1	14	21.42	21.43	21.38		
3	QPSK	8	0	21.55	21.59	21.43		
3	QPSK	8	4	21.48	21.52	21.39	23	0
3	QPSK	8	7	21.32	21.40	21.38		
3	QPSK	15	0	21.37	21.53	21.37		
3	16QAM	1	0	21.47	21.57	21.37		
3	16QAM	1	8	21.30	21.41	21.33	23	0
3	16QAM	1	14	21.22	21.42	21.30		
3	16QAM	8	0	21.26	21.49	21.41		
3	16QAM	8	4	21.21	21.38	21.30	22.5	0.5
3	16QAM	8	7	21.28	21.32	21.27		
3	16QAM	15	0	21.22	21.47	21.36		
3	64QAM	1	0	21.20	21.40	21.29		
3	64QAM	1	8	21.12	21.29	21.19	22.5	0.5
3	64QAM	1	14	21.12	21.23	21.18		
3	64QAM	8	0	20.37	20.43	20.39		
3	64QAM	8	4	20.23	20.28	20.25	21.5	1.5
3	64QAM	8	7	20.16	20.19	20.27		
3	64QAM	15	0	20.19	20.25	20.22		
3	256QAM	1	0	18.30	18.47	18.36		
3	256QAM	1	8	18.27	18.49	18.43	19.5	3.5
3	256QAM	1	14	18.28	18.33	18.28		
3	256QAM	8	0	18.28	18.40	18.31		
3	256QAM	8	4	18.18	18.26	18.30	19.5	3.5
3	256QAM	8	7	18.20	18.19	18.29		
3	256QAM	15	0	18.23	18.36	18.17		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	21.46	21.69	21.55	23	0
1.4	QPSK	1	3	21.35	21.50	21.49		
1.4	QPSK	1	5	21.40	21.44	21.45		
1.4	QPSK	3	0	21.57	21.57	21.40		
1.4	QPSK	3	1	21.48	21.59	21.39		
1.4	QPSK	3	3	21.35	21.33	21.35		
1.4	QPSK	6	0	21.39	21.50	21.30	23	0
1.4	16QAM	1	0	21.50	21.56	21.39		
1.4	16QAM	1	3	21.34	21.40	21.33		
1.4	16QAM	1	5	21.26	21.42	21.40	23	0
1.4	16QAM	3	0	21.28	21.46	21.39		
1.4	16QAM	3	1	21.26	21.44	21.28		
1.4	16QAM	3	3	21.23	21.37	21.35		
1.4	16QAM	6	0	21.21	21.48	21.34	22.5	0.5
1.4	64QAM	1	0	21.28	21.41	21.27		
1.4	64QAM	1	3	21.13	21.21	21.19		
1.4	64QAM	1	5	21.19	21.28	21.18	22.5	0.5
1.4	64QAM	3	0	21.23	21.36	21.32		
1.4	64QAM	3	1	21.23	21.23	21.20		
1.4	64QAM	3	3	21.10	21.22	21.17		
1.4	64QAM	6	0	20.35	20.41	20.29	21.5	1.5
1.4	256QAM	1	0	18.37	18.49	18.44		
1.4	256QAM	1	3	18.33	18.55	18.44		
1.4	256QAM	1	5	18.29	18.28	18.24	19.5	3.5
1.4	256QAM	3	0	18.27	18.39	18.30		
1.4	256QAM	3	1	18.14	18.30	18.24		
1.4	256QAM	3	3	18.15	18.24	18.22		
1.4	256QAM	6	0	18.27	18.30	18.19	19.5	3.5

Band 13 Default Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		21.67			
10	QPSK	1	25		21.48		23	0
10	QPSK	1	49		21.50			
10	QPSK	25	0		21.63			
10	QPSK	25	12		21.50		23	0
10	QPSK	25	25		21.39			
10	QPSK	50	0		21.56			
10	16QAM	1	0		21.50			
10	16QAM	1	25		21.45		23	0
10	16QAM	1	49		21.45			
10	16QAM	25	0		21.47			
10	16QAM	25	12		21.42		22.5	0.5
10	16QAM	25	25		21.40			
10	16QAM	50	0		21.36			
10	64QAM	1	0		21.19			
10	64QAM	1	25		21.04		22.5	0.5
10	64QAM	1	49		21.02			
10	64QAM	25	0		20.21			
10	64QAM	25	12		20.12		21.5	1.5
10	64QAM	25	25		20.14			
10	64QAM	50	0		19.82			
10	256QAM	1	0		18.18			
10	256QAM	1	25		18.12		19.5	3.5
10	256QAM	1	49		17.99			
10	256QAM	25	0		18.14			
10	256QAM	25	12		17.97		19.5	3.5
10	256QAM	25	25		18.01			
10	256QAM	50	0		18.12			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	21.53	21.62	21.58	23	0
5	QPSK	1	12	21.42	21.44	21.34		
5	QPSK	1	24	21.42	21.38	21.46		
5	QPSK	12	0	21.54	21.57	21.49		
5	QPSK	12	7	21.46	21.45	21.36	23	0
5	QPSK	12	13	21.32	21.32	21.35		
5	QPSK	25	0	21.45	21.46	21.45		
5	16QAM	1	0	21.47	21.37	21.38		
5	16QAM	1	12	21.32	21.31	21.30	23	0
5	16QAM	1	24	21.36	21.37	21.42		
5	16QAM	12	0	21.33	21.33	21.42		
5	16QAM	12	7	21.35	21.36	21.38	22.5	0.5
5	16QAM	12	13	21.28	21.27	21.28		
5	16QAM	25	0	21.26	21.32	21.32		
5	64QAM	1	0	21.08	21.14	21.14		
5	64QAM	1	12	20.96	20.94	20.97	22.5	0.5
5	64QAM	1	24	20.94	20.91	20.95		
5	64QAM	12	0	20.14	20.13	20.18		
5	64QAM	12	7	20.06	20.06	20.05	21.5	1.5
5	64QAM	12	13	20.04	20.01	20.07		
5	64QAM	25	0	19.77	19.71	19.77		
5	256QAM	1	0	18.11	18.15	18.08		
5	256QAM	1	12	18.07	18.07	18.01	19.5	3.5
5	256QAM	1	24	17.94	17.94	17.85		
5	256QAM	12	0	18.08	18.10	18.10		
5	256QAM	12	7	17.63	17.93	17.85	19.5	3.5
5	256QAM	12	13	17.97	17.92	17.96		
5	256QAM	25	0	18.04	18.07	17.97		

Band 14 Default Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23330			
Frequency (MHz)					793			
10	QPSK	1	0		21.72			
10	QPSK	1	25		21.53		23	0
10	QPSK	1	49		21.54			
10	QPSK	25	0		21.68			
10	QPSK	25	12		21.52		23	0
10	QPSK	25	25		21.49			
10	QPSK	50	0		21.60			
10	16QAM	1	0		21.57			
10	16QAM	1	25		21.39		23	0
10	16QAM	1	49		21.37			
10	16QAM	25	0		21.52			
10	16QAM	25	12		21.43		22.5	0.5
10	16QAM	25	25		21.37			
10	16QAM	50	0		21.46			
10	64QAM	1	0		21.13			
10	64QAM	1	25		21.05		22.5	0.5
10	64QAM	1	49		20.93			
10	64QAM	25	0		20.16			
10	64QAM	25	12		19.96		21.5	1.5
10	64QAM	25	25		19.99			
10	64QAM	50	0		20.08			
10	256QAM	1	0		18.43			
10	256QAM	1	25		18.43		19.5	3.5
10	256QAM	1	49		18.29			
10	256QAM	25	0		18.42			
10	256QAM	25	12		18.23		19.5	3.5
10	256QAM	25	25		18.24			
10	256QAM	50	0		18.45			
Channel				23305	23330	23355	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	0	21.56	21.60	21.43	23	0
5	QPSK	1	12	21.52	21.57	21.25		
5	QPSK	1	24	21.48	21.48	21.25		
5	QPSK	12	0	21.45	21.59	21.37		
5	QPSK	12	7	21.32	21.42	21.35	23	0
5	QPSK	12	13	21.35	21.40	21.35		
5	QPSK	25	0	21.38	21.57	21.38		
5	16QAM	1	0	21.29	21.46	21.40		
5	16QAM	1	12	21.32	21.35	21.31	23	0
5	16QAM	1	24	21.26	21.23	21.25		
5	16QAM	12	0	21.36	21.46	21.29		
5	16QAM	12	7	21.24	21.34	21.27	22.5	0.5
5	16QAM	12	13	21.16	21.23	21.14		
5	16QAM	25	0	21.19	21.38	21.30		
5	64QAM	1	0	20.92	21.01	20.91		
5	64QAM	1	12	20.80	20.81	20.91	22.5	0.5
5	64QAM	1	24	20.75	20.92	20.85		
5	64QAM	12	0	19.90	20.10	19.88		
5	64QAM	12	7	19.81	19.89	19.82	21.5	1.5
5	64QAM	12	13	19.87	19.97	19.88		
5	64QAM	25	0	19.98	20.01	19.98		
5	256QAM	1	0	18.12	18.39	18.17		
5	256QAM	1	12	18.14	18.40	18.06	19.5	3.5
5	256QAM	1	24	18.11	18.13	18.18		
5	256QAM	12	0	18.11	18.33	18.11		
5	256QAM	12	7	18.11	18.15	18.03	19.5	3.5
5	256QAM	12	13	18.05	18.20	18.09		
5	256QAM	25	0	18.24	18.35	18.15		

Band 17 Default Ant1

BW [MHz]	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	21.61	21.66	21.56		
10	QPSK	1	25	21.42	21.49	21.38	23	0
10	QPSK	1	49	21.46	21.48	21.42		
10	QPSK	25	0	21.32	21.58	21.41		
10	QPSK	25	12	21.33	21.35	21.27	23	0
10	QPSK	25	25	21.32	21.31	21.29		
10	QPSK	50	0	21.48	21.52	21.47		
10	16QAM	1	0	21.31	21.51	21.40		
10	16QAM	1	25	21.25	21.35	21.34	23	0
10	16QAM	1	49	21.24	21.37	21.33		
10	16QAM	25	0	21.24	21.41	21.32		
10	16QAM	25	12	21.17	21.23	21.10	22.5	0.5
10	16QAM	25	25	21.20	21.27	21.18		
10	16QAM	50	0	21.22	21.36	21.30		
10	64QAM	1	0	21.12	21.34	21.27		
10	64QAM	1	25	21.08	21.22	21.10	22.5	0.5
10	64QAM	1	49	21.03	21.20	21.09		
10	64QAM	25	0	20.28	20.39	20.23		
10	64QAM	25	12	20.15	20.25	20.16	21.5	1.5
10	64QAM	25	25	20.19	20.23	20.14		
10	64QAM	50	0	20.28	20.27	20.21		
10	256QAM	1	0	18.28	18.41	18.31		
10	256QAM	1	25	18.19	18.41	18.27	19.5	3.5
10	256QAM	1	49	18.13	18.19	18.21		
10	256QAM	25	0	18.08	18.26	18.10		
10	256QAM	25	12	18.10	18.08	18.09	19.5	3.5
10	256QAM	25	25	18.05	18.08	17.97		
10	256QAM	50	0	18.21	18.34	18.26		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	21.47	21.58	21.41	23	0
5	QPSK	1	12	21.38	21.37	21.31		
5	QPSK	1	24	21.42	21.43	21.33		
5	QPSK	12	0	21.23	21.47	21.27		
5	QPSK	12	7	21.24	21.23	21.14	23	0
5	QPSK	12	13	21.22	21.23	21.26		
5	QPSK	25	0	21.41	21.46	21.39		
5	16QAM	1	0	21.18	21.39	21.27		
5	16QAM	1	12	21.13	21.28	21.26	23	0
5	16QAM	1	24	21.21	21.22	21.22		
5	16QAM	12	0	21.21	21.30	21.23		
5	16QAM	12	7	21.10	21.13	21.03	22.5	0.5
5	16QAM	12	13	21.11	21.23	21.13		
5	16QAM	25	0	21.16	21.25	21.21		
5	64QAM	1	0	21.05	21.29	21.21		
5	64QAM	1	12	21.02	21.18	20.95	22.5	0.5
5	64QAM	1	24	20.96	21.16	21.03		
5	64QAM	12	0	20.19	20.35	20.19		
5	64QAM	12	7	20.05	20.19	20.04	21.5	1.5
5	64QAM	12	13	20.06	20.12	20.05		
5	64QAM	25	0	20.19	20.22	20.11		
5	256QAM	1	0	18.22	18.31	18.24		
5	256QAM	1	12	18.06	18.34	18.14	19.5	3.5
5	256QAM	1	24	18.00	18.10	18.07		
5	256QAM	12	0	18.02	18.12	18.07		
5	256QAM	12	7	18.03	18.02	18.00	19.5	3.5
5	256QAM	12	13	17.99	18.01	17.82		
5	256QAM	25	0	18.11	18.24	18.12		

Band 25 Default Ant1

BW [MHz]	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	21.00	21.11	21.06		
20	QPSK	1	49	20.84	20.97	20.93	22	0
20	QPSK	1	99	20.83	20.92	20.87		
20	QPSK	50	0	20.92	21.06	20.96		
20	QPSK	50	24	20.84	20.89	20.85	22	0
20	QPSK	50	50	20.76	20.87	20.80		
20	QPSK	100	0	20.89	21.02	20.94		
20	16QAM	1	0	20.87	21.06	20.93		
20	16QAM	1	49	20.83	20.89	20.89	22	0
20	16QAM	1	99	20.78	20.85	20.80		
20	16QAM	50	0	20.84	21.00	20.84		
20	16QAM	50	24	20.77	20.90	20.81	22	0
20	16QAM	50	50	20.74	20.79	20.75		
20	16QAM	100	0	20.82	20.94	20.76		
20	64QAM	1	0	20.88	21.09	20.97		
20	64QAM	1	49	20.92	20.97	20.89	22	0
20	64QAM	1	99	20.88	20.89	20.80		
20	64QAM	50	0	20.89	21.01	20.89		
20	64QAM	50	24	20.81	20.89	20.84	22	0
20	64QAM	50	50	20.70	20.78	20.74		
20	64QAM	100	0	20.86	20.95	20.92		
20	256QAM	1	0	17.90	18.07	17.89		
20	256QAM	1	49	17.92	18.07	17.88	19	3
20	256QAM	1	99	17.77	17.84	17.77		
20	256QAM	50	0	17.86	17.99	17.88		
20	256QAM	50	24	17.80	17.85	17.84	19	3
20	256QAM	50	50	17.71	17.82	17.78		
20	256QAM	100	0	17.92	18.08	17.89		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	20.89	21.07	20.96		
15	QPSK	1	37	20.75	20.91	20.79	22	0
15	QPSK	1	74	20.75	20.84	20.75		
15	QPSK	36	0	20.83	20.94	20.91		
15	QPSK	36	20	20.80	20.77	20.77	22	0
15	QPSK	36	39	20.62	20.75	20.74		
15	QPSK	75	0	20.82	20.98	20.88		
15	16QAM	1	0	20.80	20.98	20.88		
15	16QAM	1	37	20.77	20.83	20.79	22	0
15	16QAM	1	74	20.66	20.77	20.66		
15	16QAM	36	0	20.71	20.96	20.71		
15	16QAM	36	20	20.71	20.86	20.74	22	0
15	16QAM	36	39	20.69	20.74	20.64		
15	16QAM	75	0	20.78	20.81	20.61		
15	64QAM	1	0	20.83	21.06	20.86		
15	64QAM	1	37	20.89	20.85	20.77	22	0
15	64QAM	1	74	20.74	20.85	20.70		
15	64QAM	36	0	20.76	20.96	20.75		
15	64QAM	36	20	20.76	20.80	20.70	22	0
15	64QAM	36	39	20.62	20.63	20.60		
15	64QAM	75	0	20.77	20.81	20.88		
15	256QAM	1	0	17.80	18.02	17.78		
15	256QAM	1	37	17.88	18.03	17.78	19	3
15	256QAM	1	74	17.63	17.71	17.73		
15	256QAM	36	0	17.80	17.91	17.85		
15	256QAM	36	20	17.69	17.78	17.77	19	3
15	256QAM	36	39	17.66	17.78	17.67		
15	256QAM	75	0	17.79	17.97	17.80		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	20.86	21.02	21.02		
10	QPSK	1	25	20.78	20.93	20.89	22	0
10	QPSK	1	49	20.78	20.80	20.73		
10	QPSK	25	0	20.81	21.02	20.85		
10	QPSK	25	12	20.77	20.77	20.76	22	0
10	QPSK	25	25	20.63	20.78	20.73		
10	QPSK	50	0	20.79	20.89	20.80		
10	16QAM	1	0	20.80	20.97	20.82		
10	16QAM	1	25	20.74	20.76	20.79	22	0
10	16QAM	1	49	20.75	20.71	20.75		
10	16QAM	25	0	20.77	20.91	20.75		
10	16QAM	25	12	20.68	20.85	20.74	22	0
10	16QAM	25	25	20.67	20.64	20.62		
10	16QAM	50	0	20.76	20.81	20.65		
10	64QAM	1	0	20.80	21.00	20.93		
10	64QAM	1	25	20.77	20.85	20.77	22	0
10	64QAM	1	49	20.84	20.80	20.68		
10	64QAM	25	0	20.79	20.88	20.74		
10	64QAM	25	12	20.68	20.86	20.77	22	0
10	64QAM	25	25	20.65	20.66	20.62		
10	64QAM	50	0	20.71	20.91	20.81		
10	256QAM	1	0	17.87	18.03	17.77		
10	256QAM	1	25	17.88	17.99	17.74	19	3
10	256QAM	1	49	17.71	17.75	17.62		
10	256QAM	25	0	17.80	17.85	17.82		
10	256QAM	25	12	17.74	17.71	17.77	19	3
10	256QAM	25	25	17.64	17.74	17.74		
10	256QAM	50	0	17.82	17.96	17.79		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	20.94	21.00	21.01		
5	QPSK	1	12	20.80	20.84	20.89	22	0
5	QPSK	1	24	20.69	20.81	20.80		
5	QPSK	12	0	20.78	20.96	20.82		
5	QPSK	12	7	20.73	20.83	20.74	22	0
5	QPSK	12	13	20.64	20.80	20.74		
5	QPSK	25	0	20.81	20.92	20.90		
5	16QAM	1	0	20.73	20.92	20.82		
5	16QAM	1	12	20.73	20.81	20.75	22	0
5	16QAM	1	24	20.68	20.71	20.76		
5	16QAM	12	0	20.77	20.90	20.69		
5	16QAM	12	7	20.72	20.78	20.72	22	0
5	16QAM	12	13	20.64	20.74	20.67		
5	16QAM	25	0	20.69	20.84	20.63		
5	64QAM	1	0	20.85	21.04	20.91		
5	64QAM	1	12	20.85	20.88	20.81	22	0
5	64QAM	1	24	20.77	20.79	20.69		
5	64QAM	12	0	20.75	20.92	20.84		
5	64QAM	12	7	20.77	20.74	20.70	22	0
5	64QAM	12	13	20.59	20.68	20.63		
5	64QAM	25	0	20.74	20.84	20.86		
5	256QAM	1	0	17.77	18.03	17.77		
5	256QAM	1	12	17.81	18.02	17.74	19	3
5	256QAM	1	24	17.73	17.70	17.69		
5	256QAM	12	0	17.76	17.87	17.75		
5	256QAM	12	7	17.70	17.71	17.74	19	3
5	256QAM	12	13	17.62	17.70	17.74		
5	256QAM	25	0	17.83	18.04	17.83		
Channel				26015	26340	26715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	20.96	20.99	20.98		
3	QPSK	1	8	20.75	20.93	20.87	22	0
3	QPSK	1	14	20.71	20.87	20.79		
3	QPSK	8	0	20.81	21.02	20.91		
3	QPSK	8	4	20.73	20.83	20.70	22	0
3	QPSK	8	7	20.69	20.79	20.71		
3	QPSK	15	0	20.81	20.94	20.83		
3	16QAM	1	0	20.81	20.99	20.86		
3	16QAM	1	8	20.78	20.84	20.85	22	0
3	16QAM	1	14	20.65	20.79	20.72		
3	16QAM	8	0	20.76	20.86	20.79		
3	16QAM	8	4	20.67	20.84	20.72	22	0
3	16QAM	8	7	20.60	20.69	20.61		
3	16QAM	15	0	20.74	20.88	20.63		
3	64QAM	1	0	20.84	21.00	20.87		
3	64QAM	1	8	20.86	20.93	20.76	22	0
3	64QAM	1	14	20.81	20.75	20.69		
3	64QAM	8	0	20.75	20.88	20.79		
3	64QAM	8	4	20.71	20.78	20.73	22	0
3	64QAM	8	7	20.64	20.63	20.67		
3	64QAM	15	0	20.81	20.88	20.77		
3	256QAM	1	0	17.85	17.96	17.85		
3	256QAM	1	8	17.81	17.96	17.83	19	3
3	256QAM	1	14	17.71	17.69	17.63		
3	256QAM	8	0	17.78	17.93	17.83		
3	256QAM	8	4	17.74	17.73	17.76	19	3
3	256QAM	8	7	17.65	17.73	17.65		
3	256QAM	15	0	17.82	17.93	17.83		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	20.91	21.00	21.02		
1.4	QPSK	1	3	20.80	20.85	20.80		
1.4	QPSK	1	5	20.69	20.88	20.73		
1.4	QPSK	3	0	20.86	20.93	20.88		
1.4	QPSK	3	1	20.70	20.76	20.71		
1.4	QPSK	3	3	20.69	20.78	20.72		
1.4	QPSK	6	0	20.78	20.92	20.90	22	0
1.4	16QAM	1	0	20.78	21.01	20.87		
1.4	16QAM	1	3	20.71	20.81	20.84		
1.4	16QAM	1	5	20.75	20.71	20.69	22	0
1.4	16QAM	3	0	20.80	20.92	20.72		
1.4	16QAM	3	1	20.65	20.84	20.71		
1.4	16QAM	3	3	20.60	20.65	20.70		
1.4	16QAM	6	0	20.73	20.87	20.65	22	0
1.4	64QAM	1	0	20.74	20.94	20.84		
1.4	64QAM	1	3	20.82	20.91	20.75		
1.4	64QAM	1	5	20.73	20.82	20.74	22	0
1.4	64QAM	3	0	20.77	20.91	20.75		
1.4	64QAM	3	1	20.70	20.81	20.72		
1.4	64QAM	3	3	20.55	20.72	20.63		
1.4	64QAM	6	0	20.78	20.84	20.84	22	0
1.4	256QAM	1	0	17.82	18.01	17.74		
1.4	256QAM	1	3	17.83	17.95	17.75		
1.4	256QAM	1	5	17.64	17.72	17.68	19	3
1.4	256QAM	3	0	17.77	17.85	17.81		
1.4	256QAM	3	1	17.70	17.70	17.74		
1.4	256QAM	3	3	17.65	17.70	17.66		
1.4	256QAM	6	0	17.84	18.03	17.82	19	3

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	21.32	21.38	21.29		
15	QPSK	1	37	21.17	21.27	21.14	22	0
15	QPSK	1	74	21.14	21.20	21.10		
15	QPSK	36	0	21.18	21.33	21.14		
15	QPSK	36	20	21.17	21.18	21.12	22	0
15	QPSK	36	39	21.02	21.18	21.06		
15	QPSK	75	0	21.17	21.29	21.11		
15	16QAM	1	0	21.11	21.23	21.11		
15	16QAM	1	37	21.02	21.11	21.04	22	0
15	16QAM	1	74	20.97	21.08	21.05		
15	16QAM	36	0	21.05	21.17	21.05		
15	16QAM	36	20	20.97	21.06	20.97	22	0
15	16QAM	36	39	20.95	20.94	20.89		
15	16QAM	75	0	21.04	21.15	20.99		
15	64QAM	1	0	21.09	21.29	21.14		
15	64QAM	1	37	21.07	21.12	21.05	22	0
15	64QAM	1	74	21.09	21.05	21.10		
15	64QAM	36	0	20.05	20.15	20.06		
15	64QAM	36	20	19.97	20.03	20.01	21	1
15	64QAM	36	39	19.94	19.94	19.90		
15	64QAM	75	0	20.09	20.15	20.06		
15	256QAM	1	0	18.31	18.43	18.26		
15	256QAM	1	37	18.28	18.43	18.20	19	3
15	256QAM	1	74	18.21	18.26	18.14		
15	256QAM	36	0	18.00	18.17	18.08		
15	256QAM	36	20	18.02	18.08	17.98	19	3
15	256QAM	36	39	17.90	18.02	17.97		
15	256QAM	75	0	18.07	18.23	18.06		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	21.20	21.26	21.26		
10	QPSK	1	25	21.13	21.15	21.01	22	0
10	QPSK	1	49	21.10	21.14	21.04		
10	QPSK	25	0	21.05	21.19	21.00		
10	QPSK	25	12	21.06	21.12	21.02	22	0
10	QPSK	25	25	20.96	21.09	20.94		
10	QPSK	50	0	21.11	21.20	20.97		
10	16QAM	1	0	21.03	21.13	20.97		
10	16QAM	1	25	20.91	21.07	20.92	22	0
10	16QAM	1	49	20.85	20.97	21.01		
10	16QAM	25	0	20.92	21.08	20.98		
10	16QAM	25	12	20.93	20.91	20.94	22	0
10	16QAM	25	25	20.82	20.80	20.80		
10	16QAM	50	0	20.91	21.08	20.87		
10	64QAM	1	0	20.97	21.15	21.04		
10	64QAM	1	25	20.93	21.01	21.02	22	0
10	64QAM	1	49	21.01	20.95	20.98		
10	64QAM	25	0	19.93	20.07	19.93		
10	64QAM	25	12	19.93	19.97	19.93	21	1
10	64QAM	25	25	19.83	19.86	19.87		
10	64QAM	50	0	19.94	20.09	19.97		
10	256QAM	1	0	18.19	18.29	18.11		
10	256QAM	1	25	18.18	18.38	18.11	19	3
10	256QAM	1	49	18.13	18.22	18.05		
10	256QAM	25	0	17.91	18.05	17.96		
10	256QAM	25	12	17.93	18.05	17.88	19	3
10	256QAM	25	25	17.87	17.96	17.93		
10	256QAM	50	0	17.96	18.15	17.97		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	21.19	21.34	21.20		
5	QPSK	1	12	21.11	21.12	21.05	22	0
5	QPSK	1	24	21.09	21.09	20.96		
5	QPSK	12	0	21.06	21.29	21.04		
5	QPSK	12	7	21.07	21.09	21.08	22	0
5	QPSK	12	13	20.96	21.05	20.98		
5	QPSK	25	0	21.12	21.18	21.06		
5	16QAM	1	0	20.99	21.17	21.04		
5	16QAM	1	12	20.97	21.05	20.96	22	0
5	16QAM	1	24	20.85	21.05	21.01		
5	16QAM	12	0	20.95	21.03	20.93		
5	16QAM	12	7	20.87	20.97	20.92	22	0
5	16QAM	12	13	20.87	20.79	20.77		
5	16QAM	25	0	20.93	21.08	20.95		
5	64QAM	1	0	21.04	21.23	21.09		
5	64QAM	1	12	20.96	21.02	20.92	22	0
5	64QAM	1	24	21.03	20.94	20.99		
5	64QAM	12	0	19.95	20.05	19.93		
5	64QAM	12	7	19.93	19.97	19.90	21	1
5	64QAM	12	13	19.84	19.81	19.80		
5	64QAM	25	0	20.02	20.07	20.03		
5	256QAM	1	0	18.19	18.37	18.13		
5	256QAM	1	12	18.13	18.38	18.11	19	3
5	256QAM	1	24	18.10	18.21	18.07		
5	256QAM	12	0	17.92	18.07	18.01		
5	256QAM	12	7	17.99	18.03	17.91	19	3
5	256QAM	12	13	17.83	17.90	17.88		
5	256QAM	25	0	17.99	18.11	18.01		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	21.23	21.32	21.17		
3	QPSK	1	8	21.07	21.20	21.08	22	0
3	QPSK	1	14	21.09	21.15	20.96		
3	QPSK	8	0	21.14	21.22	21.00		
3	QPSK	8	4	21.05	21.14	21.04	22	0
3	QPSK	8	7	20.94	21.05	20.92		
3	QPSK	15	0	21.04	21.16	21.02		
3	16QAM	1	0	20.96	21.15	21.03		
3	16QAM	1	8	20.93	21.03	21.00	22	0
3	16QAM	1	14	20.84	21.01	20.90		
3	16QAM	8	0	20.94	21.04	20.98		
3	16QAM	8	4	20.90	20.92	20.85	22	0
3	16QAM	8	7	20.90	20.89	20.79		
3	16QAM	15	0	20.92	21.11	20.95		
3	64QAM	1	0	21.00	21.15	21.10		
3	64QAM	1	8	20.93	21.01	20.98	22	0
3	64QAM	1	14	21.02	20.97	21.07		
3	64QAM	8	0	20.02	20.01	19.92		
3	64QAM	8	4	19.88	19.97	19.94	21	1
3	64QAM	8	7	19.87	19.87	19.84		
3	64QAM	15	0	19.97	20.10	19.94		
3	256QAM	1	0	18.27	18.36	18.22		
3	256QAM	1	8	18.22	18.37	18.06	19	3
3	256QAM	1	14	18.17	18.19	18.02		
3	256QAM	8	0	17.86	18.05	18.03		
3	256QAM	8	4	17.98	17.95	17.90	19	3
3	256QAM	8	7	17.76	17.96	17.88		
3	256QAM	15	0	17.98	18.14	17.92		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	21.20	21.28	21.17		
1.4	QPSK	1	3	21.11	21.21	21.01		
1.4	QPSK	1	5	21.04	21.14	21.02	22	0
1.4	QPSK	3	0	21.05	21.26	21.04		
1.4	QPSK	3	1	21.09	21.08	21.04		
1.4	QPSK	3	3	20.99	21.14	21.03		
1.4	QPSK	6	0	21.09	21.16	21.06	22	0
1.4	16QAM	1	0	21.06	21.18	20.97		
1.4	16QAM	1	3	20.91	21.04	20.94		
1.4	16QAM	1	5	20.93	21.03	20.91	22	0
1.4	16QAM	3	0	20.96	21.11	20.95		
1.4	16QAM	3	1	20.89	20.95	20.85		
1.4	16QAM	3	3	20.88	20.87	20.74		
1.4	16QAM	6	0	20.94	21.00	20.89	22	0
1.4	64QAM	1	0	21.04	21.24	21.04		
1.4	64QAM	1	3	20.97	21.04	21.01		
1.4	64QAM	1	5	20.99	20.97	20.99	22	0
1.4	64QAM	3	0	20.97	21.25	21.03		
1.4	64QAM	3	1	20.93	20.97	20.96		
1.4	64QAM	3	3	21.01	21.01	21.00		
1.4	64QAM	6	0	19.95	20.02	19.96	21	1
1.4	256QAM	1	0	18.20	18.36	18.15		
1.4	256QAM	1	3	18.14	18.33	18.16		
1.4	256QAM	1	5	18.14	18.23	18.02	19	3
1.4	256QAM	3	0	17.87	18.07	18.03		
1.4	256QAM	3	1	17.92	18.02	17.85		
1.4	256QAM	3	3	17.81	17.88	17.93		
1.4	256QAM	6	0	18.01	18.17	18.02	19	3

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		21.94			
10	QPSK	1	25		21.76		23	0
10	QPSK	1	49		21.80			
10	QPSK	25	0		21.91			
10	QPSK	25	12		21.79		23	0
10	QPSK	25	25		21.77			
10	QPSK	50	0		21.89			
10	16QAM	1	0		21.82			
10	16QAM	1	25		21.66		23	0
10	16QAM	1	49		21.58			
10	16QAM	25	0		20.92			
10	16QAM	25	12		20.82		22	1
10	16QAM	25	25		20.70			
10	16QAM	50	0		21.04			
10	64QAM	1	0		21.16			
10	64QAM	1	25		20.97		22	1
10	64QAM	1	49		20.95			
10	64QAM	25	0		20.24			
10	64QAM	25	12		20.15		21	2
10	64QAM	25	25		20.01			
10	64QAM	50	0		19.63			
10	256QAM	1	0		18.80			
10	256QAM	1	25		18.80		19	4
10	256QAM	1	49		18.59			
10	256QAM	25	0		18.70			
10	256QAM	25	12		18.50		19	4
10	256QAM	25	25		18.45			
10	256QAM	50	0		18.69			
Channel				27585	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	21.82	21.90	21.75		
5	QPSK	1	12	21.73	21.89	21.60	23	0
5	QPSK	1	24	21.69	21.62	21.52		
5	QPSK	12	0	21.67	21.82	21.69		
5	QPSK	12	7	21.67	21.62	21.70	23	0
5	QPSK	12	13	21.54	21.63	21.63		
5	QPSK	25	0	21.63	21.75	21.66		
5	16QAM	1	0	21.58	21.72	21.51		
5	16QAM	1	12	21.60	21.60	21.50	23	0
5	16QAM	1	24	21.47	21.57	21.46		
5	16QAM	12	0	20.70	20.78	20.76		
5	16QAM	12	7	20.59	20.64	20.57	22	1
5	16QAM	12	13	20.58	20.62	20.54		
5	16QAM	25	0	20.89	20.91	20.78		
5	64QAM	1	0	20.95	21.04	20.87		
5	64QAM	1	12	20.91	20.89	20.90	22	1
5	64QAM	1	24	20.86	20.88	20.84		
5	64QAM	12	0	20.03	20.15	19.94		
5	64QAM	12	7	20.00	20.02	19.96	21	2
5	64QAM	12	13	19.83	20.02	19.87		
5	64QAM	25	0	19.57	19.56	19.57		
5	256QAM	1	0	18.49	18.66	18.57	

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	21.03	21.12	20.97	22	0
20	QPSK	1	49	20.91	21.03	20.86		
20	QPSK	1	99	20.86	20.90	20.79		
20	QPSK	50	0	20.87	21.07	20.96	22	0
20	QPSK	50	24	20.80	20.88	20.84		
20	QPSK	50	50	20.80	20.87	20.88		
20	QPSK	100	0	20.84	20.95	20.82		
20	16QAM	1	0	20.90	20.92	20.87	22	0
20	16QAM	1	49	20.74	20.86	20.80		
20	16QAM	1	99	20.78	20.82	20.73		
20	16QAM	50	0	20.71	20.87	20.79	22	0
20	16QAM	50	24	20.64	20.68	20.65		
20	16QAM	50	50	20.63	20.69	20.59		
20	16QAM	100	0	20.83	20.94	20.82		
20	64QAM	1	0	20.81	20.92	20.74	22	0
20	64QAM	1	49	20.75	20.80	20.77		
20	64QAM	1	99	20.65	20.69	20.68		
20	64QAM	50	0	20.61	20.79	20.69	22	0
20	64QAM	50	24	20.59	20.70	20.54		
20	64QAM	50	50	20.56	20.60	20.49		
20	64QAM	100	0	20.74	20.83	20.82		
20	256QAM	1	0	17.89	18.10	18.00	19	3
20	256QAM	1	49	17.93	18.10	17.95		
20	256QAM	1	99	17.79	17.90	17.85		
20	256QAM	50	0	17.60	17.75	17.63	19	3
20	256QAM	50	24	17.60	17.58	17.52		
20	256QAM	50	50	17.47	17.58	17.47		
20	256QAM	100	0	17.78	17.92	17.80		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	20.92	21.07	20.92	22	0
15	QPSK	1	37	20.78	20.96	20.79		
15	QPSK	1	74	20.77	20.75	20.71		
15	QPSK	36	0	20.78	21.01	20.83	22	0
15	QPSK	36	20	20.75	20.78	20.76		
15	QPSK	36	39	20.67	20.83	20.79		
15	QPSK	75	0	20.74	20.92	20.77		
15	16QAM	1	0	20.81	20.83	20.75	22	0
15	16QAM	1	37	20.63	20.83	20.77		
15	16QAM	1	74	20.66	20.68	20.65		
15	16QAM	36	0	20.59	20.74	20.64	22	0
15	16QAM	36	20	20.54	20.54	20.51		
15	16QAM	36	39	20.59	20.64	20.51		
15	16QAM	75	0	20.75	20.88	20.70		
15	64QAM	1	0	20.71	20.80	20.69	22	0
15	64QAM	1	37	20.61	20.68	20.66		
15	64QAM	1	74	20.54	20.58	20.55		
15	64QAM	36	0	20.56	20.70	20.62	22	0
15	64QAM	36	20	20.53	20.62	20.40		
15	64QAM	36	39	20.48	20.52	20.38		
15	64QAM	75	0	20.67	20.69	20.68		
15	256QAM	1	0	17.76	17.98	17.91	19	3
15	256QAM	1	37	17.78	18.02	17.83		
15	256QAM	1	74	17.65	17.85	17.81		
15	256QAM	36	0	17.46	17.70	17.50	19	3
15	256QAM	36	20	17.47	17.53	17.41		
15	256QAM	36	39	17.37	17.50	17.33		
15	256QAM	75	0	17.64	17.81	17.74		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	20.94	21.01	20.86	22	0
10	QPSK	1	25	20.83	20.89	20.71		
10	QPSK	1	49	20.82	20.78	20.72		
10	QPSK	25	0	20.76	20.97	20.88	22	0
10	QPSK	25	12	20.68	20.78	20.79		
10	QPSK	25	25	20.76	20.81	20.74		
10	QPSK	50	0	20.74	20.81	20.68		
10	16QAM	1	0	20.81	20.83	20.74	22	0
10	16QAM	1	25	20.66	20.75	20.74		
10	16QAM	1	49	20.73	20.76	20.64		
10	16QAM	25	0	20.58	20.81	20.65	22	0
10	16QAM	25	12	20.54	20.58	20.60		
10	16QAM	25	25	20.56	20.65	20.49		
10	16QAM	50	0	20.80	20.82	20.68		
10	64QAM	1	0	20.72	20.86	20.71	22	0
10	64QAM	1	25	20.61	20.74	20.64		
10	64QAM	1	49	20.51	20.55	20.58		
10	64QAM	25	0	20.47	20.71	20.57	22	0
10	64QAM	25	12	20.48	20.64	20.43		
10	64QAM	25	25	20.47	20.46	20.45		
10	64QAM	50	0	20.67	20.79	20.75		
10	256QAM	1	0	17.86	17.97	17.92	19	3
10	256QAM	1	25	17.86	17.95	17.87		
10	256QAM	1	49	17.65	17.76	17.79		
10	256QAM	25	0	17.53	17.63	17.59	19	3
10	256QAM	25	12	17.57	17.52	17.45		
10	256QAM	25	25	17.36	17.46	17.43		
10	256QAM	50	0	17.65	17.85	17.76		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	20.91	20.98	20.86	22	0
5	QPSK	1	12	20.85	20.92	20.79		
5	QPSK	1	24	20.80	20.82	20.68		
5	QPSK	12	0	20.75	20.94	20.92	22	0
5	QPSK	12	7	20.76	20.79	20.71		
5	QPSK	12	13	20.67	20.80	20.79		
5	QPSK	25	0	20.73	20.91	20.67		
5	16QAM	1	0	20.81	20.80	20.76	22	0
5	16QAM	1	12	20.64	20.73	20.75		
5	16QAM	1	24	20.76	20.73	20.60		
5	16QAM	12	0	20.67	20.72	20.64	22	0
5	16QAM	12	7	20.58	20.57	20.60		
5	16QAM	12	13	20.50	20.55	20.54		
5	16QAM	25	0	20.76	20.88	20.69		
5	64QAM	1	0	20.70	20.83	20.66	22	0
5	64QAM	1	12	20.65	20.77	20.64		
5	64QAM	1	24	20.62	20.54	20.61		
5	64QAM	12	0	20.53	20.67	20.60	22	0
5	64QAM	12	7	20.46	20.58	20.49		
5	64QAM	12	13	20.50	20.53	20.39		
5	64QAM	25	0	20.70	20.77	20.70		
5	256QAM	1	0	17.82	18.02	17.93	19	3
5	256QAM	1	12	17.80	17.98	17.82		
5	256QAM	1	24	17.70	17.76	17.71		
5	256QAM	12	0	17.55	17.63	17.49	19	3
5	256QAM	12	7	17.54	17.50	17.47		
5	256QAM	12	13	17.39	17.51	17.44		
5	256QAM	25	0	17.64	17.78	17.75		
Channel				131962	132322	132682	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	20.91	21.06	20.92	22	0
3	QPSK	1	8	20.85	20.96	20.74		
3	QPSK	1	14	20.75	20.86	20.66		
3	QPSK	8	0	20.73	20.93	20.86	22	0
3	QPSK	8	4	20.74	20.80	20.80		
3	QPSK	8	7	20.69	20.82	20.85		
3	QPSK	15	0	20.79	20.84	20.78		
3	16QAM	1	0	20.87	20.82	20.80	22	0
3	16QAM	1	8	20.63	20.77	20.73		
3	16QAM	1	14	20.70	20.68	20.67		
3	16QAM	8	0	20.60	20.83	20.74	22	0
3	16QAM	8	4	20.55	20.53	20.58		
3	16QAM	8	7	20.55	20.61	20.55		
3	16QAM	15	0	20.77	20.84	20.71		
3	64QAM	1	0	20.69	20.82	20.64	22	0
3	64QAM	1	8	20.64	20.72	20.64		
3	64QAM	1	14	20.51	20.57	20.59		
3	64QAM	8	0	20.48	20.68	20.59	22	0
3	64QAM	8	4	20.45	20.61	20.46		
3	64QAM	8	7	20.49	20.53	20.43		
3	64QAM	15	0	20.71	20.71	20.70		
3	256QAM	1	0	17.84	18.06	17.89	19	3
3	256QAM	1	8	17.83	18.04	17.81		
3	256QAM	1	14	17.74	17.86	17.78		
3	256QAM	8	0	17.56	17.67	17.51	19	3
3	256QAM	8	4	17.45	17.47	17.48		
3	256QAM	8	7	17.36	17.55	17.37		
3	256QAM	15	0	17.69	17.82	17.77		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	20.93	21.03	20.94	22	0
1.4	QPSK	1	3	20.80	20.97	20.80		
1.4	QPSK	1	5	20.81	20.76	20.67		
1.4	QPSK	3	0	20.75	20.95	20.84		
1.4	QPSK	3	1	20.69	20.79	20.72		
1.4	QPSK	3	3	20.69	20.84	20.81		
1.4	QPSK	6	0	20.80	20.84	20.68	22	0
1.4	16QAM	1	0	20.83	20.86	20.74	22	0
1.4	16QAM	1	3	20.63	20.72	20.67		
1.4	16QAM	1	5	20.70	20.79	20.59		
1.4	16QAM	3	0	20.62	20.81	20.65		
1.4	16QAM	3	1	20.55	20.56	20.52		
1.4	16QAM	3	3	20.54	20.64	20.47		
1.4	16QAM	6	0	20.71	20.88	20.70	21.5	0.5
1.4	64QAM	1	0	20.74	20.77	20.60	21.5	0.5
1.4	64QAM	1	3	20.61	20.68	20.73		
1.4	64QAM	1	5	20.51	20.61	20.59		
1.4	64QAM	3	0	20.57	20.66	20.59		
1.4	64QAM	3	1	20.45	20.62	20.46		
1.4	64QAM	3	3	20.46	20.48	20.36		
1.4	64QAM	6	0	20.60	20.76	20.73	20.5	1.5
1.4	256QAM	1	0	17.81	18.02	17.97	18.5	3.5
1.4	256QAM	1	3	17.80	18.02	17.81		
1.4	256QAM	1	5	17.66	17.75	17.80		
1.4	256QAM	3	0	17.56	17.66	17.53		
1.4	256QAM	3	1	17.51	17.45	17.38		
1.4	256QAM	3	3	17.34	17.48	17.38		
1.4	256QAM	6	0	17.66	17.83	17.68	18.5	3.5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				133222	133322	133372		
Frequency (MHz)				673	683	688		
20	QPSK	1	0	21.76	21.85	21.69	23	0
20	QPSK	1	49	21.62	21.74	21.59		
20	QPSK	1	99	21.53	21.65	21.55		
20	QPSK	50	0	21.65	21.79	21.60	23	0
20	QPSK	50	24	21.61	21.64	21.62		
20	QPSK	50	50	21.54	21.61	21.61		
20	QPSK	100	0	21.50	21.72	21.57		
20	16QAM	1	0	21.58	21.77	21.57	23	0
20	16QAM	1	49	21.55	21.59	21.61		
20	16QAM	1	99	21.49	21.58	21.56		
20	16QAM	50	0	21.45	21.64	21.47	22.5	0.5
20	16QAM	50	24	21.46	21.49	21.49		
20	16QAM	50	50	21.40	21.44	21.38		
20	16QAM	100	0	21.38	21.48	21.29		
20	64QAM	1	0	21.32	21.53	21.38	22.5	0.5
20	64QAM	1	49	21.35	21.44	21.39		
20	64QAM	1	99	21.30	21.33	21.35		
20	64QAM	50	0	20.29	20.50	20.33	21.5	1.5
20	64QAM	50	24	20.35	20.36	20.33		
20	64QAM	50	50	20.29	20.32	20.30		
20	64QAM	100	0	20.22	20.31	20.25		
20	256QAM	1	0	17.67	17.89	17.81	19	4
20	256QAM	1	49	17.72	17.89	17.67		
20	256QAM	1	99	17.59	17.65	17.64		
20	256QAM	50	0	18.43	18.62	18.53	19	4
20	256QAM	50	24	18.37	18.52	18.42		
20	256QAM	50	50	18.30	18.39	18.37		
20	256QAM	100	0	18.32	18.49	18.34		
Channel				133197	133297	133397	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	0	21.70	21.78	21.54	23	0
15	QPSK	1	37	21.52	21.64	21.53		
15	QPSK	1	74	21.43	21.61	21.51		
15	QPSK	36	0	21.57	21.70	21.56	23	0
15	QPSK	36	20	21.55	21.59	21.49		
15	QPSK	36	39	21.50	21.47	21.55		
15	QPSK	75	0	21.40	21.59	21.53		
15	16QAM	1	0	21.47	21.64	21.43	23	0
15	16QAM	1	37	21.42	21.45	21.50		
15	16QAM	1	74	21.35	21.55	21.45		
15	16QAM	36	0	21.37	21.51	21.36	22.5	0.5
15	16QAM	36	20	21.38	21.39	21.35		
15	16QAM	36	39	21.31	21.30	21.32		
15	16QAM	75	0	21.34	21.41	21.20		
15	64QAM	1	0	21.23	21.38	21.34	22.5	0.5
15	64QAM	1	37	21.30	21.30	21.26		
15	64QAM	1	74	21.25	21.20	21.29		
15	64QAM	36	0	20.15	20.39	20.23	21.5	1.5
15	64QAM	36	20	20.23	20.22	20.23		
15	64QAM	36	39	20.23	20.26	20.22		
15	64QAM	75	0	20.16	20.20	20.17		
15	256QAM	1	0	17.61	17.84	17.75	19	4
15	256QAM	1	37	17.58	17.83	17.64		
15	256QAM	1	74	17.46	17.56	17.52		
15	256QAM	36	0	18.31	18.50	18.38	19	4
15	256QAM	36	20	18.29	18.47	18.30		
15	256QAM	36	39	18.23	18.41	18.26		
15	256QAM	75	0	18.27	18.39	18.25		
Channel				133172	133272	133422	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	678	693		
10	QPSK	1	0	21.66	21.75	21.62	23	0
10	QPSK	1	25	21.50	21.60	21.51		
10	QPSK	1	49	21.41	21.53	21.51		
10	QPSK	25	0	21.51	21.66	21.57	23	0
10	QPSK	25	12	21.52	21.54	21.48		
10	QPSK	25	25	21.49	21.47	21.52		
10	QPSK	50	0	21.46	21.62	21.45		
10	16QAM	1	0	21.54	21.63	21.51	23	0
10	16QAM	1	25	21.46	21.46	21.55		
10	16QAM	1	49	21.40	21.53	21.47		
10	16QAM	25	0	21.34	21.55	21.37	22.5	0.5
10	16QAM	25	12	21.36	21.46	21.45		
10	16QAM	25	25	21.36	21.33	21.26		
10	16QAM	50	0	21.31	21.42	21.17		
10	64QAM	1	0	21.24	21.43	21.24	22.5	0.5
10	64QAM	1	25	21.25	21.29	21.34		
10	64QAM	1	49	21.19	21.21	21.27		
10	64QAM	25	0	20.18	20.42	20.24	21.5	1.5
10	64QAM	25	12	20.22	20.25	20.27		
10	64QAM	25	25	20.17	20.25	20.25		
10	64QAM	50	0	20.11	20.22	20.22		
10	256QAM	1	0	17.61	17.81	17.75	19	4
10	256QAM	1	25	17.69	17.79	17.59		
10	256QAM	1	49	17.50	17.57	17.51		
10	256QAM	25	0	18.32	18.55	18.46	19	4
10	256QAM	25	12	18.26	18.41	18.36		
10	256QAM	25	25	18.24	18.30	18.24		
10	256QAM	50	0	18.19	18.40	18.22		
Channel				133147	133247	133447	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	675.5	695.5		
5	QPSK	1	0	21.72	21.72	21.62	23	0
5	QPSK	1	12	21.54	21.66	21.54		
5	QPSK	1	24	21.44	21.53	21.48		
5	QPSK	12	0	21.59	21.65	21.57	23	0
5	QPSK	12	7	21.48	21.50	21.57		
5	QPSK	12	13	21.43	21.57	21.47		
5	QPSK	25	0	21.39	21.68	21.53		
5	16QAM	1	0	21.43	21.65	21.47	23	0
5	16QAM	1	12	21.47	21.44	21.51		
5	16QAM	1	24	21.49	21.50	21.52		
5	16QAM	12	0	21.36	21.52	21.40	22.5	0.5
5	16QAM	12	7	21.35	21.35	21.37		
5	16QAM	12	13	21.35	21.40	21.33		
5	16QAM	25	0	21.32	21.43	21.18		
5	64QAM	1	0	21.19	21.44	21.29	22.5	0.5
5	64QAM	1	12	21.26	21.35	21.31		
5	64QAM	1	24	21.16	21.18	21.28		
5	64QAM	12	0	20.16	20.41	20.18	21.5	1.5
5	64QAM	12	7	20.29	20.30	20.28		
5	64QAM	12	13	20.22	20.17	20.19		
5	64QAM	25	0	20.10	20.25	20.12		
5	256QAM	1	0	17.58	17.80	17.72	19	4
5	256QAM	1	12	17.65	17.79	17.53		
5	256QAM	1	24	17.45	17.60	17.52		
5	256QAM	12	0	18.34	18.50	18.42	19	4
5	256QAM	12	7	18.31	18.46	18.38		
5	256QAM	12	13	18.21	18.29	18.23		
5	256QAM	25	0	18.22	18.46	18.29		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2596	2610		
20	QPSK	1	0	22.41	22.53	22.49	23	0
20	QPSK	1	49	22.32	22.35	22.39		
20	QPSK	1	99	22.25	22.29	22.29		
20	QPSK	50	0	22.29	22.46	22.39	23	0
20	QPSK	50	24	22.24	22.36	22.32		
20	QPSK	50	50	22.24	22.28	22.28		
20	QPSK	100	0	22.26	22.45	22.33		
20	16QAM	1	0	22.35	22.51	22.39	23	0
20	16QAM	1	49	22.31	22.35	22.28		
20	16QAM	1	99	22.27	22.30	22.24		
20	16QAM	50	0	21.97	22.14	21.95	23	0
20	16QAM	50	24	21.91	21.95	21.93		
20	16QAM	50	50	21.88	21.92	21.89		
20	16QAM	100	0	21.95	22.09	21.99		
20	64QAM	1	0	22.29	22.47	22.39	23	0
20	64QAM	1	49	22.28	22.36	22.28		
20	64QAM	1	99	22.16	22.24	22.22		
20	64QAM	50	0	21.93	22.11	22.00	22.5	0.5
20	64QAM	50	24	21.89	22.03	21.90		
20	64QAM	50	50	21.80	21.94	21.85		
20	64QAM	100	0	21.91	22.05	21.96		
20	256QAM	1	0	18.83	19.00	18.85	20.5	2.5
20	256QAM	1	49	18.79	19.00	18.76		
20	256QAM	1	99	18.76	18.77	18.78		
20	256QAM	50	0	18.95	19.16	18.97	20.5	2.5
20	256QAM	50	24	18.97	19.06	18.96		
20	256QAM	50	50	18.89	18.95	18.94		
20	256QAM	100	0	19.00	19.15	18.96		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2596	2612.5		
15	QPSK	1	0	22.26	22.49	22.41	23	0
15	QPSK	1	37	22.19	22.23	22.30		
15	QPSK	1	74	22.12	22.20	22.21		
15	QPSK	36	0	22.23	22.33	22.34	23	0
15	QPSK	36	20	22.14	22.22	22.19		
15	QPSK	36	39	22.11	22.16	22.24		
15	QPSK	75	0	22.18	22.39	22.23		
15	16QAM	1	0	22.26	22.39	22.27	23	0
15	16QAM	1	37	22.21	22.24	22.20		
15	16QAM	1	74	22.15	22.25	22.15		
15	16QAM	36	0	21.94	22.08	21.82	23	0
15	16QAM	36	20	21.82	21.94	21.86		
15	16QAM	36	39	21.78	21.84	21.86		
15	16QAM	75	0	21.81	22.06	21.94		
15	64QAM	1	0	22.15	22.37	22.36	23	0
15	64QAM	1	37	22.17	22.26	22.23		
15	64QAM	1	74	22.06	22.11	22.15		
15	64QAM	36	0	21.85	21.96	21.87	22.5	0.5
15	64QAM	36	20	21.83	21.92	21.78		
15	64QAM	36	39	21.68	21.82	21.81		
15	64QAM	75	0	21.82	21.91	21.86		
15	256QAM	1	0	18.77	18.90	18.81	20.5	2.5
15	256QAM	1	37	18.70	18.91	18.72		
15	256QAM	1	74	18.67	18.74	18.74		
15	256QAM	36	0	18.86	19.11	18.92	20.5	2.5
15	256QAM	36	20	18.93	18.94	18.86		
15	256QAM	36	39	18.85	18.88	18.84		
15	256QAM	75	0	18.89	19.10	18.89		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.29	22.47	22.41	23	0
10	QPSK	1	25	22.23	22.30	22.27		
10	QPSK	1	49	22.19	22.21	22.25		
10	QPSK	25	0	22.23	22.36	22.27	23	0
10	QPSK	25	12	22.21	22.29	22.25		
10	QPSK	25	25	22.14	22.20	22.22		
10	QPSK	50	0	22.14	22.37	22.26		
10	16QAM	1	0	22.25	22.38	22.31	23	0
10	16QAM	1	25	22.27	22.23	22.18		
10	16QAM	1	49	22.15	22.16	22.12		
10	16QAM	25	0	21.85	22.03	21.80	23	0
10	16QAM	25	12	21.87	21.91	21.86		
10	16QAM	25	25	21.78	21.85	21.77		
10	16QAM	50	0	21.87	22.00	21.86		
10	64QAM	1	0	22.18	22.33	22.27	23	0
10	64QAM	1	25	22.21	22.31	22.23		
10	64QAM	1	49	22.03	22.10	22.12		
10	64QAM	25	0	21.78	22.07	21.87	22.5	0.5
10	64QAM	25	12	21.76	21.97	21.76		
10	64QAM	25	25	21.77	21.87	21.71		
10	64QAM	50	0	21.77	21.95	21.81		
10	256QAM	1	0	18.76	18.92	18.70	20.5	2.5
10	256QAM	1	25	18.64	18.91	18.72		
10	256QAM	1	49	18.62	18.73	18.68		
10	256QAM	25	0	18.83	19.11	18.88	20.5	2.5
10	256QAM	25	12	18.90	19.03	18.92		
10	256QAM	25	25	18.77	18.84	18.87		
10	256QAM	50	0	18.91	19.04	18.86		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.26	22.40	22.42	23	0
5	QPSK	1	12	22.27	22.21	22.34		
5	QPSK	1	24	22.17	22.17	22.21		
5	QPSK	12	0	22.16	22.34	22.28	23	0
5	QPSK	12	7	22.12	22.26	22.22		
5	QPSK	12	13	22.21	22.21	22.17		
5	QPSK	25	0	22.21	22.31	22.23		
5	16QAM	1	0	22.31	22.41	22.34	23	0
5	16QAM	1	12	22.21	22.24	22.13		
5	16QAM	1	24	22.13	22.17	22.18		
5	16QAM	12	0	21.89	22.08	21.90	23	0
5	16QAM	12	7	21.81	21.89	21.88		
5	16QAM	12	13	21.80	21.86	21.85		
5	16QAM	25	0	21.85	22.04	21.95		
5	64QAM	1	0	22.20	22.35	22.24	23	0
5	64QAM	1	12	22.14	22.25	22.20		
5	64QAM	1	24	22.04	22.14	22.08		
5	64QAM	12	0	21.86	22.08	21.86	22.5	0.5
5	64QAM	12	7	21.78	21.88	21.82		
5	64QAM	12	13	21.76	21.79	21.73		
5	64QAM	25	0	21.78	21.96	21.92		
5	256QAM	1	0	18.73	18.88	18.71	20.5	2.5
5	256QAM	1	12	18.72	18.87	18.66		
5	256QAM	1	24	18.64	18.73	18.70		
5	256QAM	12	0	18.87	19.09	18.90	20.5	2.5
5	256QAM	12	7	18.82	19.01	18.84		
5	256QAM	12	13	18.85	18.88	18.90		
5	256QAM	25	0	18.95	19.08	18.91		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	23.67	23.70	23.75	23.54	23.60	24	0
20	QPSK	1	49	23.55	23.62	23.65	23.51	23.52		
20	QPSK	1	99	23.48	23.56	23.59	23.50	23.46		
20	QPSK	50	0	22.58	22.56	22.72	22.60	22.66	23	1
20	QPSK	50	24	22.50	22.51	22.64	22.54	22.47		
20	QPSK	50	50	22.50	22.42	22.54	22.50	22.47		
20	QPSK	100	0	22.60	22.58	22.69	22.55	22.59		
20	16QAM	1	0	22.80	22.67	22.88	22.75	22.77	23	1
20	16QAM	1	49	22.68	22.62	22.70	22.68	22.72		
20	16QAM	1	99	22.67	22.58	22.72	22.62	22.64		
20	16QAM	50	0	21.67	21.69	21.80	21.63	21.77	22	2
20	16QAM	50	24	21.64	21.59	21.63	21.62	21.59		
20	16QAM	50	50	21.45	21.55	21.65	21.50	21.45		
20	16QAM	100	0	21.69	21.68	21.90	21.74	21.77		
20	64QAM	1	0	21.79	21.78	21.71	21.76	21.80	22	2
20	64QAM	1	49	21.72	21.74	21.69	21.64	21.67		
20	64QAM	1	99	21.50	21.66	21.64	21.67	21.47		
20	64QAM	50	0	20.66	20.66	20.74	20.63	20.70	21	3
20	64QAM	50	24	20.46	20.58	20.66	20.61	20.41		
20	64QAM	50	50	20.50	20.48	20.65	20.54	20.59		
20	64QAM	100	0	20.68	20.67	20.70	20.75	20.59		
20	256QAM	1	0	18.62	18.49	18.70	18.50	18.65	19	5
20	256QAM	1	49	18.64	18.47	18.70	18.55	18.56		
20	256QAM	1	99	18.43	18.43	18.53	18.51	18.38		
20	256QAM	50	0	18.76	18.67	18.83	18.70	18.74	19	5
20	256QAM	50	24	18.61	18.59	18.64	18.62	18.62		
20	256QAM	50	50	18.51	18.53	18.61	18.63	18.59		
20	256QAM	100	0	18.77	18.75	18.88	18.71	18.73		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	23.47	23.50	23.55	23.34	23.40	24.00	0
15	QPSK	1	37	23.35	23.42	23.45	23.31	23.32		
15	QPSK	1	74	23.28	23.36	23.39	23.30	23.26		
15	QPSK	36	0	22.38	22.36	22.52	22.40	22.46	23	1
15	QPSK	36	20	22.30	22.31	22.44	22.34	22.27		
15	QPSK	36	39	22.30	22.22	22.34	22.30	22.27		
15	QPSK	75	0	22.40	22.38	22.49	22.35	22.39		
15	16QAM	1	0	22.60	22.47	22.68	22.55	22.57	23	1
15	16QAM	1	37	22.48	22.42	22.50	22.48	22.52		
15	16QAM	1	74	22.47	22.38	22.52	22.42	22.44		
15	16QAM	36	0	21.47	21.49	21.60	21.43	21.57	22	2
15	16QAM	36	20	21.44	21.39	21.43	21.42	21.39		
15	16QAM	36	39	21.25	21.35	21.45	21.30	21.25		
15	16QAM	75	0	21.49	21.48	21.70	21.54	21.57		
15	64QAM	1	0	21.59	21.58	21.51	21.56	21.60	22	2
15	64QAM	1	37	21.52	21.54	21.49	21.44	21.47		
15	64QAM	1	74	21.30	21.46	21.44	21.47	21.27		
15	64QAM	36	0	20.46	20.46	20.54	20.43	20.50	21	3
15	64QAM	36	20	20.26	20.38	20.46	20.41	20.21		
15	64QAM	36	39	20.30	20.28	20.45	20.34	20.39		
15	64QAM	75	0	20.48	20.47	20.50	20.55	20.39		
15	256QAM	1	0	18.42	18.29	18.50	18.30	18.45	19	5
15	256QAM	1	37	18.44	18.27	18.50	18.35	18.36		
15	256QAM	1	74	18.23	18.23	18.33	18.31	18.18		
15	256QAM	36	0	18.56	18.47	18.63	18.50	18.54	19	5
15	256QAM	36	20	18.41	18.39	18.44	18.42	18.42		
15	256QAM	36	39	18.31	18.33	18.41	18.43	18.39		
15	256QAM	75	0	18.57	18.55	18.68	18.51	18.53		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	23.58	23.66	23.66	23.46	23.55	24.00	0
10	QPSK	1	25	23.43	23.54	23.57	23.36	23.42		
10	QPSK	1	49	23.41	23.45	23.49	23.41	23.37		
10	QPSK	25	0	22.53	22.53	22.62	22.46	22.57	23	1
10	QPSK	25	12	22.46	22.46	22.58	22.46	22.44		
10	QPSK	25	25	22.39	22.27	22.40	22.44	22.40		
10	QPSK	50	0	22.46	22.44	22.65	22.46	22.52		
10	16QAM	1	0	22.69	22.53	22.78	22.61	22.64	23	1
10	16QAM	1	25	22.59	22.56	22.61	22.59	22.64		
10	16QAM	1	49	22.63	22.54	22.65	22.48	22.57		
10	16QAM	25	0	21.59	21.59	21.72	21.49	21.67	22	2
10	16QAM	25	12	21.57	21.56	21.55	21.49	21.55		
10	16QAM	25	25	21.39	21.47	21.58	21.42	21.35		
10	16QAM	50	0	21.65	21.54	21.76	21.66	21.70		
10	64QAM	1	0	21.75	21.60	21.70	21.73	21.81	22	2
10	64QAM	1	25	21.68	21.69	21.59	21.46	21.69		
10	64QAM	1	49	21.52	21.49	21.62	21.57	21.47		
10	64QAM	25	0	20.56	20.55	20.76	20.55	20.59	21	3
10	64QAM	25	12	20.42	20.56	20.52	20.46	20.30		
10	64QAM	25	25	20.39	20.42	20.63	20.45	20.46		
10	64QAM	50	0	20.69	20.52	20.67	20.57	20.47		
10	256QAM	1	0	18.58	18.35	18.66	18.36	18.60	19	5
10	256QAM	1	25	18.56	18.40	18.64	18.49	18.53		
10	256QAM	1	49	18.35	18.29	18.50	18.46	18.30		
10	256QAM	25	0	18.62	18.52	18.78	18.59	18.60	19	5
10	256QAM	25	12	18.49	18.48	18.60	18.59	18.55		
10	256QAM	25	25	18.40	18.40	18.51	18.51	18.49		
10	256QAM	50	0	18.67	18.65	18.81	18.64	18.60		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	23.58	23.56	23.61	23.43	23.56	24.00	0
5	QPSK	1	12	23.50	23.51	23.51	23.45	23.47		
5	QPSK	1	24	23.42	23.48	23.48	23.35	23.39		
5	QPSK	12	0	22.47	22.41	22.68	22.56	22.62	23	1
5	QPSK	12	7	22.38	22.48	22.60	22.41	22.34		
5	QPSK	12	13	22.37	22.29	22.43	22.37	22.35		
5	QPSK	25	0	22.54	22.52	22.62	22.47	22.52		
5	16QAM	1	0	22.66	22.57	22.84	22.62	22.63	23	1
5	16QAM	1	12	22.55	22.57	22.63	22.55	22.65		
5	16QAM	1	24	22.57	22.52	22.62	22.56	22.58		
5	16QAM	12	0	21.61	21.58	21.65	21.51	21.65	22	2
5	16QAM	12	7	21.60	21.49	21.57	21.52	21.54		
5	16QAM	12	13	21.35	21.43	21.52	21.42	21.39		
5	16QAM	25	0	21.55	21.54	21.75	21.60	21.67		
5	64QAM	1	0	21.75	21.63	21.75	21.61	21.77	22	2
5	64QAM	1	12	21.62	21.59	21.63	21.61	21.61		
5	64QAM	1	24	21.44	21.57	21.64	21.57	21.49		
5	64QAM	12	0	20.66	20.50	20.73	20.44	20.57	21	3
5	64QAM	12	7	20.62	20.42	20.56	20.45	20.39		
5	64QAM	12	13	20.35	20.49	20.55	20.39	20.49		
5	64QAM	25	0	20.68	20.62	20.55	20.67	20.51		
5	256QAM	1	0	18.55	18.40	18.59	18.37	18.50	19	5
5	256QAM	1	12	18.50	18.36	18.59	18.43	18.45		
5	256QAM	1	24	18.36	18.37	18.48	18.47	18.29		
5	256QAM	12	0	18.64	18.53	18.68	18.57	18.66	19	5
5	256QAM	12	7	18.50	18.45	18.61	18.51	18.58		
5	256QAM	12	13	18.37	18.49	18.53	18.52	18.44		
5	256QAM	25	0	18.67	18.67	18.81	18.62	18.63		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	25.50	25.47	25.64	25.41	25.55		
20	QPSK	1	49	25.33	25.40	25.58	25.35	25.53	27	0
20	QPSK	1	99	25.29	25.33	25.51	25.31	25.41		
20	QPSK	50	0	25.33	25.30	25.49	25.29	25.37		
20	QPSK	50	24	25.27	25.29	25.46	25.27	25.33	27	0
20	QPSK	50	50	25.18	25.22	25.40	25.18	25.26		
20	QPSK	100	0	25.19	25.19	25.38	25.22	25.28		
20	16QAM	1	0	25.18	25.28	25.42	25.23	25.34		
20	16QAM	1	49	25.20	25.14	25.39	25.16	25.28	27	0
20	16QAM	1	99	25.16	25.13	25.35	25.12	25.27		
20	16QAM	50	0	24.29	24.40	24.53	24.34	24.44		
20	16QAM	50	24	24.32	24.26	24.50	24.27	24.42	26	1
20	16QAM	50	50	24.21	24.24	24.46	24.22	24.39		
20	16QAM	100	0	24.25	24.23	24.42	24.19	24.28		
20	64QAM	1	0	24.57	24.66	24.80	24.57	24.75		
20	64QAM	1	49	24.55	24.52	24.74	24.54	24.66	26	1
20	64QAM	1	99	24.52	24.55	24.70	24.50	24.65		
20	64QAM	50	0	23.37	23.35	23.56	23.39	23.46		
20	64QAM	50	24	23.33	23.33	23.53	23.31	23.45	25	2
20	64QAM	50	50	23.35	23.25	23.49	23.33	23.44		
20	64QAM	100	0	23.23	23.29	23.44	23.31	23.33		
20	256QAM	1	0	21.51	21.49	21.68	21.44	21.58		
20	256QAM	1	49	21.43	21.41	21.61	21.42	21.52	23	4
20	256QAM	1	99	21.30	21.36	21.55	21.41	21.51		
20	256QAM	50	0	21.37	21.38	21.52	21.34	21.45		
20	256QAM	50	24	21.27	21.23	21.46	21.24	21.39	23	4
20	256QAM	50	50	21.23	21.26	21.41	21.20	21.35		
20	256QAM	100	0	21.10	21.12	21.34	21.15	21.24		
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	25.47	25.39	25.51	25.36	25.50		
15	QPSK	1	37	25.29	25.33	25.46	25.29	25.46	27.00	0
15	QPSK	1	74	25.15	25.26	25.38	25.24	25.30		
15	QPSK	36	0	25.25	25.24	25.46	25.24	25.26		
15	QPSK	36	20	25.13	25.15	25.43	25.21	25.21	27	0
15	QPSK	36	39	25.04	25.11	25.30	25.08	25.12		
15	QPSK	75	0	25.04	25.06	25.28	25.17	25.24		
15	16QAM	1	0	25.05	25.14	25.32	25.16	25.26		
15	16QAM	1	37	25.05	25.11	25.27	25.03	25.20	27	0
15	16QAM	1	74	25.10	25.00	25.28	25.07	25.21		
15	16QAM	36	0	24.17	24.33	24.39	24.24	24.35		
15	16QAM	36	20	24.25	24.18	24.44	24.15	24.31	26	1
15	16QAM	36	39	24.11	24.09	24.37	24.10	24.26		
15	16QAM	75	0	24.20	24.08	24.29	24.05	24.17		
15	64QAM	1	0	24.44	24.57	24.72	24.47	24.70		
15	64QAM	1	37	24.49	24.48	24.63	24.46	24.55	26	1
15	64QAM	1	74	24.42	24.42	24.62	24.38	24.61		
15	64QAM	36	0	23.26	23.22	23.47	23.29	23.33		
15	64QAM	36	20	23.23	23.28	23.40	23.19	23.34	25	2
15	64QAM	36	39	23.22	23.16	23.36	23.21	23.39		
15	64QAM	75	0	23.19	23.25	23.32	23.18	23.23		
15	256QAM	1	0	21.44	21.44	21.54	21.33	21.45		
15	256QAM	1	37	21.29	21.29	21.56	21.28	21.46	23	4
15	256QAM	1	74	21.25	21.29	21.52	21.31	21.41		
15	256QAM	36	0	21.28	21.27	21.39	21.26	21.30		
15	256QAM	36	20	21.12	21.14	21.34	21.18	21.27	23	4
15	256QAM	36	39	21.14	21.22	21.37	21.12	21.30		
15	256QAM	75	0	21.06	21.19	21.21	21.00	21.10		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	25.38	25.38	25.57	25.37	25.48		
10	QPSK	1	25	25.25	25.31	25.46	25.25	25.42	27.00	0
10	QPSK	1	49	25.21	25.18	25.38	25.17	25.37		
10	QPSK	25	0	25.22	25.18	25.49	25.22	25.32		
10	QPSK	25	12	25.17	25.21	25.43	25.22	25.26	27	0
10	QPSK	25	25	25.04	25.13	25.35	25.10	25.14		
10	QPSK	50	0	25.15	25.06	25.31	25.14	25.24		
10	16QAM	1	0	25.06	25.20	25.30	25.17	25.24		
10	16QAM	1	25	25.06	25.05	25.33	25.12	25.25	27	0
10	16QAM	1	49	25.09	25.07	25.30	25.17	25.24		
10	16QAM	25	0	24.21	24.26	24.44	24.25	24.39		
10	16QAM	25	12	24.23	24.19	24.46	24.18	24.29	26	1
10	16QAM	25	25	24.13	24.11	24.43	24.17	24.35		
10	16QAM	50	0	24.17	24.12	24.31	24.16	24.22		
10	64QAM	1	0	24.44	24.56	24.74	24.49	24.63		
10	64QAM	1	25	24.43	24.46	24.60	24.49	24.61	26	1
10	64QAM	1	49	24.38	24.51	24.59	24.41	24.56		
10	64QAM	25	0	23.23	23.26	23.51	23.31	23.36		
10	64QAM	25	12	23.29	23.27	23.41	23.17	23.32	25	2
10	64QAM	25	25	23.25	23.12	23.45	23.19	23.38		
10	64QAM	50	0	23.14	23.16	23.35	23.25	23.25		
10	256QAM	1	0	21.45	21.46	21.56	21.35	21.48		
10	256QAM	1	25	21.29	21.34	21.51	21.37	21.46	23	4
10	256QAM	1	49	21.26	21.25	21.47	21.33	21.42		
10	256QAM	25	0	21.33	21.29	21.44	21.25	21.41		
10	256QAM	25	12	21.21	21.11	21.32	21.16	21.33	23	4
10	256QAM	25	25	21.11	21.14	21.27	21.11	21.29		
10	256QAM	50	0	21.04	21.04	21.24	21.09	21.18		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	25.37	25.39	25.54	25.38	25.47		
5	QPSK	1	12	25.22	25.27	25.44	25.26	25.43	27.00	0
5	QPSK	1	24	25.15	25.21	25.39	25.19	25.29		
5	QPSK	12	0	25.20	25.27	25.38	25.21	25.32		
5	QPSK	12	7	25.17	25.25	25.32	25.23	25.22	27	0
5	QPSK	12	13	25.09	25.17	25.28	25.07	25.23		
5	QPSK	25	0	25.10	25.04	25.35	25.12	25.17		
5	16QAM	1	0	25.09	25.19	25.32	25.18	25.23		
5	16QAM	1	12	25.15	25.00	25.27	25.05	25.22	27	0
5	16QAM	1	24	25.07	25.02	25.25	25.04	25.16		
5	16QAM	12	0	24.22	24.35	24.43	24.28	24.41		
5	16QAM	12	7	24.24	24.18	24.44	24.12	24.36	26	1
5	16QAM	12	13	24.11	24.13	24.32	24.16	24.35		
5	16QAM	25	0	24.18	24.16	24.30	24.05	24.18		
5	64QAM	1	0	24.50	24.63	24.72	24.45	24.72		
5	64QAM	1	12	24.46	24.43	24.68	24.39	24.60	26	1
5	64QAM	1	24	24.45	24.41	24.58	24.42	24.53		
5	64QAM	12	0	23.24	23.31	23.46	23.31	23.31		
5	64QAM	12	7	23.20	23.29	23.44	23.24	23.42	25	2
5	64QAM	12	13	23.31	23.11	23.45	23.25	23.37		
5	64QAM	25	0	23.11	23.21	23.33	23.19	23.29		
5	256QAM	1	0	21.38	21.34	21.57	21.39	21.48		
5	256QAM	1	12	21.33	21.36	21.50	21.28	21.49	23	4
5	256QAM	1	24	21.23	21.29	21.49	21.37	21.39		
5	256QAM	12	0	21.34	21.29	21.40	21.28	21.32		
5	256QAM	12	7	21.16	21.18	21.33	21.11	21.33	23	4
5	256QAM	12	13	21.14	21.13	21.33	21.12	21.31		
5	256QAM	25	0	21.01	21.06	21.21	21.03	21.16		

Band 48 Default Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	23.72	23.88	23.79	23.66		
20	QPSK	1	49	23.56	23.76	23.61	23.54	24	0
20	QPSK	1	99	23.56	23.65	23.58	23.60		
20	QPSK	50	0	23.64	23.74	23.57	23.53		
20	QPSK	50	24	23.48	23.66	23.49	23.50	24	0
20	QPSK	50	50	23.49	23.49	23.45	23.37		
20	QPSK	100	0	23.52	23.68	23.59	23.48		
20	16QAM	1	0	23.67	23.84	23.73	23.52		
20	16QAM	1	49	23.65	23.74	23.66	23.62	24	0
20	16QAM	1	99	23.64	23.66	23.64	23.49		
20	16QAM	50	0	23.16	23.38	23.28	23.15		
20	16QAM	50	24	23.12	23.25	23.23	23.08	23.5	0.5
20	16QAM	50	50	23.09	23.14	23.14	23.10		
20	16QAM	100	0	23.27	23.44	23.36	23.13		
20	64QAM	1	0	23.14	23.36	23.23	23.13		
20	64QAM	1	49	23.14	23.17	23.14	23.07	23.5	0.5
20	64QAM	1	99	23.16	23.21	23.11	23.06		
20	64QAM	50	0	22.19	22.39	22.29	22.08		
20	64QAM	50	24	22.18	22.24	22.25	22.16	22.5	1.5
20	64QAM	50	50	22.16	22.15	22.15	22.08		
20	64QAM	100	0	22.26	22.35	22.30	22.18		
20	256QAM	1	0	20.01	20.20	20.01	19.94		
20	256QAM	1	49	19.97	20.20	19.96	19.91	20.5	3.5
20	256QAM	1	99	19.94	20.07	19.96	19.87		
20	256QAM	50	0	20.32	20.46	20.33	20.16		
20	256QAM	50	24	20.30	20.36	20.33	20.14	20.5	3.5
20	256QAM	50	50	20.22	20.28	20.25	20.18		
20	256QAM	100	0	20.43	20.34	20.40	20.34		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	23.58	23.83	23.65	23.60		
15	QPSK	1	37	23.49	23.62	23.51	23.42	24	0
15	QPSK	1	74	23.52	23.51	23.50	23.51		
15	QPSK	36	0	23.54	23.69	23.49	23.42		
15	QPSK	36	20	23.33	23.62	23.35	23.37	24	0
15	QPSK	36	39	23.38	23.44	23.40	23.34		
15	QPSK	75	0	23.44	23.64	23.52	23.38		
15	16QAM	1	0	23.52	23.76	23.59	23.40		
15	16QAM	1	37	23.51	23.60	23.62	23.51	24	0
15	16QAM	1	74	23.59	23.51	23.50	23.45		
15	16QAM	36	0	23.05	23.31	23.14	23.01		
15	16QAM	36	20	23.01	23.10	23.18	22.98	23.5	0.5
15	16QAM	36	39	22.96	23.04	23.03	23.00		
15	16QAM	75	0	23.24	23.31	23.27	23.10		
15	64QAM	1	0	23.10	23.29	23.15	23.00		
15	64QAM	1	37	23.04	23.12	23.06	22.98	23.5	0.5
15	64QAM	1	74	23.02	23.13	23.01	22.99		
15	64QAM	36	0	22.07	22.24	22.16	21.97		
15	64QAM	36	20	22.12	22.11	22.14	22.02	22.5	1.5
15	64QAM	36	39	22.12	22.10	22.05	21.97		
15	64QAM	75	0	22.15	22.26	22.24	22.04		
15	256QAM	1	0	19.95	20.10	19.88	19.86		
15	256QAM	1	37	19.91	20.13	19.92	19.78	20.5	3.5
15	256QAM	1	74	19.85	19.93	19.86	19.76		
15	256QAM	36	0	20.23	20.38	20.29	20.11		
15	256QAM	36	20	20.16	20.25	20.29	20.02	20.5	3.5
15	256QAM	36	39	20.16	20.18	20.14	20.10		
15	256QAM	75	0	20.36	20.31	20.37	20.30		
Channel				55290	55815	56155	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	23.65	23.74	23.67	23.61		
10	QPSK	1	25	23.49	23.70	23.49	23.47	24	0
10	QPSK	1	49	23.43	23.56	23.48	23.55		
10	QPSK	25	0	23.53	23.61	23.50	23.47		
10	QPSK	25	12	23.40	23.54	23.45	23.42	24	0
10	QPSK	25	25	23.45	23.37	23.31	23.27		
10	QPSK	50	0	23.40	23.62	23.53	23.44		
10	16QAM	1	0	23.59	23.80	23.65	23.46		
10	16QAM	1	25	23.51	23.64	23.62	23.47	24	0
10	16QAM	1	49	23.54	23.56	23.60	23.42		
10	16QAM	25	0	23.08	23.32	23.14	23.07		
10	16QAM	25	12	23.05	23.19	23.08	23.04	23.5	0.5
10	16QAM	25	25	23.01	22.99	23.04	23.03		
10	16QAM	50	0	23.12	23.35	23.27	23.09		
10	64QAM	1	0	23.00	23.29	23.14	22.99		
10	64QAM	1	25	23.07	23.06	23.10	23.03	23.5	0.5
10	64QAM	1	49	23.10	23.06	22.98	22.97		
10	64QAM	25	0	22.12	22.30	22.21	22.00		
10	64QAM	25	12	22.06	22.12	22.16	22.13	22.5	1.5
10	64QAM	25	25	22.13	22.11	22.06	21.93		
10	64QAM	50	0	22.20	22.25	22.20	22.15		
10	256QAM	1	0	19.87	20.05	19.92	19.84		
10	256QAM	1	25	19.86	20.07	19.91	19.87	20.5	3.5
10	256QAM	1	49	19.87	19.93	19.89	19.84		
10	256QAM	25	0	20.20	20.37	20.22	20.04		
10	256QAM	25	12	20.18	20.30	20.24	20.07	20.5	3.5
10	256QAM	25	25	20.17	20.17	20.17	20.07		
10	256QAM	50	0	20.31	20.40	20.32	20.29		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	23.67	23.77	23.68	23.54		
5	QPSK	1	12	23.43	23.69	23.50	23.45	24	0
5	QPSK	1	24	23.53	23.59	23.55	23.55		
5	QPSK	12	0	23.56	23.71	23.48	23.45		
5	QPSK	12	7	23.44	23.60	23.38	23.36	24	0
5	QPSK	12	13	23.41	23.35	23.31	23.29		
5	QPSK	25	0	23.44	23.59	23.45	23.43		
5	16QAM	1	0	23.53	23.73	23.69	23.49		
5	16QAM	1	12	23.53	23.66	23.57	23.55	24	0
5	16QAM	1	24	23.55	23.61	23.49	23.40		
5	16QAM	12	0	23.02	23.29	23.24	23.00		
5	16QAM	12	7	22.99	23.15	23.16	23.01	23.5	0.5
5	16QAM	12	13	23.04	23.05	23.10	23.01		
5	16QAM	25	0	23.13	23.30	23.30	23.00		
5	64QAM	1	0	23.02	23.32	23.19	23.06		
5	64QAM	1	12	23.03	23.08	23.04	22.97	23.5	0.5
5	64QAM	1	24	23.09	23.17	23.08	22.98		
5	64QAM	12	0	22.05	22.28	22.17	22.03		
5	64QAM	12	7	22.14	22.17	22.21	22.11	22.5	1.5
5	64QAM	12	13	22.04	22.07	22.06	22.02		
5	64QAM	25	0	22.21	22.26	22.26	22.13		
5	256QAM	1	0	19.91	20.05	19.93	19.84		
5	256QAM	1	12	19.84	20.17	19.89	19.81	20.5	3.5
5	256QAM	1	24	19.80	19.98	19.89	19.77		
5	256QAM	12	0	20.27	20.37	20.19	20.08		
5	256QAM	12	7	20.21	20.23	20.28	20.07	20.5	3.5
5	256QAM	12	13	20.13	20.19	20.21	20.04		
5	256QAM	25	0	20.32	20.47	20.36	20.30		

GSM1900 Ant2

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	28.25	28.33	28.19	29.00	19.25	19.33	19.19	20.00
GPRS 1 Tx slot	28.23	28.28	28.13	29.00	19.23	19.28	19.13	20.00
GPRS 2 Tx slots	25.46	25.53	25.40	26.50	19.46	19.53	19.40	20.50
GPRS 3 Tx slots	23.98	24.13	24.00	25.00	19.72	19.87	19.74	20.74
GPRS 4 Tx slots	21.95	22.09	21.96	23.00	18.95	19.09	18.96	20.00
EDGE 1 Tx slot	23.59	23.64	23.61	24.50	14.59	14.64	14.61	15.50
EDGE 2 Tx slots	21.96	22.03	21.92	23.00	15.96	16.03	15.92	17.00
EDGE 3 Tx slots	20.78	20.85	20.70	21.50	16.52	16.59	16.44	17.24
EDGE 4 Tx slots	18.71	18.74	18.68	19.50	15.71	15.74	15.68	16.50

WCDMA II Ant2

Band		WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	21.50	21.55	21.46	22.90	21.42	21.44	21.37	23.00
3GPP Rel 99	RMC 12.2Kbps	21.54	21.59	21.49	22.90	21.47	21.53	21.44	23.00
3GPP Rel 6	HSDPA Subtest-1	20.63	20.74	20.40	21.90	20.57	20.66	20.52	22.00
3GPP Rel 6	HSDPA Subtest-2	20.56	20.65	20.53	21.90	20.47	20.61	20.43	22.00
3GPP Rel 6	HSDPA Subtest-3	20.01	20.17	20.04	21.40	19.91	20.04	19.95	21.50
3GPP Rel 6	HSDPA Subtest-4	20.02	20.16	20.09	21.40	19.98	20.06	20.05	21.50
3GPP Rel 8	DC-HSDPA Subtest-1	20.55	20.73	20.51	21.90	20.46	20.58	20.39	22.00
3GPP Rel 8	DC-HSDPA Subtest-2	20.34	20.41	20.40	21.90	20.29	20.37	20.31	22.00
3GPP Rel 8	DC-HSDPA Subtest-3	19.86	19.98	19.94	21.40	19.80	19.87	19.83	21.50
3GPP Rel 8	DC-HSDPA Subtest-4	19.93	19.96	19.89	21.40	19.78	19.90	19.84	21.50
3GPP Rel 6	HSUPA Subtest-1	20.59	20.72	20.71	21.90	20.49	20.65	20.60	22.00
3GPP Rel 6	HSUPA Subtest-2	18.59	18.60	18.45	19.90	18.46	18.49	18.39	20.00
3GPP Rel 6	HSUPA Subtest-3	19.58	19.62	19.60	20.90	19.49	19.51	19.48	21.00
3GPP Rel 6	HSUPA Subtest-4	18.43	18.57	18.41	19.90	18.38	18.44	18.33	20.00
3GPP Rel 6	HSUPA Subtest-5	20.60	20.62	20.58	21.90	20.46	20.53	20.49	22.00

Band 2 Ant2

BW [MHz]	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	21.12	21.24	21.07		
20	QPSK	1	49	21.00	21.06	20.92	22	0
20	QPSK	1	99	20.95	21.04	20.92		
20	QPSK	50	0	21.06	21.20	21.10		
20	QPSK	50	24	20.94	21.02	20.99	22	0
20	QPSK	50	50	20.88	21.01	20.96		
20	QPSK	100	0	21.01	21.12	21.03		
20	16QAM	1	0	21.06	21.17	21.06		
20	16QAM	1	49	20.94	21.03	20.99	22	0
20	16QAM	1	99	20.90	20.99	20.93		
20	16QAM	50	0	20.95	21.07	20.97		
20	16QAM	50	24	20.80	20.90	20.94	22	0
20	16QAM	50	50	20.76	20.88	20.81		
20	16QAM	100	0	20.90	21.09	20.90		
20	64QAM	1	0	20.97	21.18	21.10		
20	64QAM	1	49	21.01	21.07	21.02	22	0
20	64QAM	1	99	20.93	21.04	20.96		
20	64QAM	50	0	19.87	19.97	19.84		
20	64QAM	50	24	19.79	19.80	19.73	21	1
20	64QAM	50	50	19.71	19.74	19.75		
20	64QAM	100	0	19.90	19.94	19.98		
20	256QAM	1	0	18.07	18.24	18.07		
20	256QAM	1	49	18.05	18.20	17.99	19	3
20	256QAM	1	99	18.02	18.08	18.02		
20	256QAM	50	0	18.01	18.11	17.98		
20	256QAM	50	24	17.86	17.96	17.86	19	3
20	256QAM	50	50	17.86	17.95	17.86		
20	256QAM	100	0	17.82	17.99	17.90		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	21.01	21.18	20.92		
15	QPSK	1	37	20.92	20.99	20.84	22	0
15	QPSK	1	74	20.84	20.98	20.82		
15	QPSK	36	0	20.97	21.06	21.06		
15	QPSK	36	20	20.79	20.97	20.94	22	0
15	QPSK	36	39	20.81	20.92	20.85		
15	QPSK	75	0	20.96	21.07	20.97		
15	16QAM	1	0	21.01	21.04	20.92		
15	16QAM	1	37	20.90	20.93	20.86	22	0
15	16QAM	1	74	20.77	20.90	20.82		
15	16QAM	36	0	20.80	20.98	20.92		
15	16QAM	36	20	20.77	20.87	20.88	22	0
15	16QAM	36	39	20.61	20.79	20.69		
15	16QAM	75	0	20.76	20.99	20.82		
15	64QAM	1	0	20.86	21.07	21.04		
15	64QAM	1	37	20.88	20.99	20.95	22	0
15	64QAM	1	74	20.85	20.99	20.86		
15	64QAM	36	0	19.82	19.89	19.78		
15	64QAM	36	20	19.64	19.74	19.66	21	1
15	64QAM	36	39	19.59	19.63	19.64		
15	64QAM	75	0	19.77	19.86	19.86		
15	256QAM	1	0	18.00	18.10	18.00		
15	256QAM	1	37	18.00	18.10	17.88	19	3
15	256QAM	1	74	17.96	17.99	17.92		
15	256QAM	36	0	17.93	18.00	17.88		
15	256QAM	36	20	17.71	17.91	17.82	19	3
15	256QAM	36	39	17.83	17.91	17.82		
15	256QAM	75	0	17.77	17.92	17.86		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	20.98	21.15	20.99		
10	QPSK	1	25	20.97	21.02	20.85	22	0
10	QPSK	1	49	20.79	20.99	20.86		
10	QPSK	25	0	21.00	21.10	20.96		
10	QPSK	25	12	20.86	20.92	20.85	22	0
10	QPSK	25	25	20.82	20.95	20.91		
10	QPSK	50	0	20.86	21.02	20.88		
10	16QAM	1	0	21.03	21.08	20.97		
10	16QAM	1	25	20.88	20.90	20.91	22	0
10	16QAM	1	49	20.77	20.86	20.85		
10	16QAM	25	0	20.84	20.93	20.94		
10	16QAM	25	12	20.77	20.86	20.86	22	0
10	16QAM	25	25	20.65	20.75	20.78		
10	16QAM	50	0	20.81	20.96	20.77		
10	64QAM	1	0	20.90	21.14	21.06		
10	64QAM	1	25	20.89	20.99	20.99	22	0
10	64QAM	1	49	20.89	20.94	20.83		
10	64QAM	25	0	19.80	19.89	19.73		
10	64QAM	25	12	19.67	19.76	19.59	21	1
10	64QAM	25	25	19.62	19.71	19.62		
10	64QAM	50	0	19.85	19.86	19.85		
10	256QAM	1	0	18.02	18.19	17.98		
10	256QAM	1	25	17.99	18.11	17.87	19	3
10	256QAM	1	49	17.94	18.01	17.97		
10	256QAM	25	0	17.96	18.06	17.83		
10	256QAM	25	12	17.78	17.85	17.87	19	3
10	256QAM	25	25	17.81	17.85	17.80		
10	256QAM	50	0	17.72	17.95	17.76		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	21.06	21.11	20.97		
5	QPSK	1	12	20.93	20.94	20.85	22	0
5	QPSK	1	24	20.77	20.89	20.85		
5	QPSK	12	0	21.02	21.09	21.02		
5	QPSK	12	7	20.84	20.94	20.86	22	0
5	QPSK	12	13	20.79	20.93	20.83		
5	QPSK	25	0	20.95	21.07	20.94		
5	16QAM	1	0	21.03	21.12	21.03		
5	16QAM	1	12	20.86	20.92	20.92	22	0
5	16QAM	1	24	20.76	20.95	20.86		
5	16QAM	12	0	20.81	20.96	20.85		
5	16QAM	12	7	20.72	20.87	20.80	22	0
5	16QAM	12	13	20.69	20.81	20.74		
5	16QAM	25	0	20.82	20.95	20.79		
5	64QAM	1	0	20.86	21.09	21.02		
5	64QAM	1	12	20.98	20.92	20.94	22	0
5	64QAM	1	24	20.82	20.92	20.91		
5	64QAM	12	0	19.74	19.83	19.75		
5	64QAM	12	7	19.68	19.76	19.60	21	1
5	64QAM	12	13	19.63	19.63	19.68		
5	64QAM	25	0	19.80	19.82	19.85		
5	256QAM	1	0	18.00	18.15	17.94		
5	256QAM	1	12	18.01	18.16	17.92	19	3
5	256QAM	1	24	17.93	17.96	17.91		
5	256QAM	12	0	17.92	18.03	17.86		
5	256QAM	12	7	17.80	17.92	17.81	19	3
5	256QAM	12	13	17.75	17.80	17.79		
5	256QAM	25	0	17.71	17.88	17.82		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	20.98	21.14	20.96		
3	QPSK	1	8	20.95	20.91	20.88	22	0
3	QPSK	1	14	20.85	20.99	20.84		
3	QPSK	8	0	20.94	21.15	20.98		
3	QPSK	8	4	20.83	20.89	20.89	22	0
3	QPSK	8	7	20.78	20.96	20.87		
3	QPSK	15	0	20.88	21.00	20.90		
3	16QAM	1	0	20.99	21.08	20.95		
3	16QAM	1	8	20.83	20.93	20.92	22	0
3	16QAM	1	14	20.86	20.90	20.89		
3	16QAM	8	0	20.91	21.02	20.84		
3	16QAM	8	4	20.76	20.75	20.84	22	0
3	16QAM	8	7	20.63	20.74	20.69		
3	16QAM	15	0	20.79	20.95	20.83		
3	64QAM	1	0	20.93	21.06	21.05		
3	64QAM	1	8	20.96	20.93	20.92	22	0
3	64QAM	1	14	20.89	20.93	20.91		
3	64QAM	8	0	19.81	19.88	19.74		
3	64QAM	8	4	19.74	19.71	19.62	21	1
3	64QAM	8	7	19.59	19.67	19.62		
3	64QAM	15	0	19.78	19.85	19.94		
3	256QAM	1	0	18.00	18.12	17.99		
3	256QAM	1	8	18.00	18.13	17.89	19	3
3	256QAM	1	14	17.93	17.98	17.95		
3	256QAM	8	0	17.92	18.07	17.94		
3	256QAM	8	4	17.78	17.82	17.76	19	3
3	256QAM	8	7	17.82	17.90	17.80		
3	256QAM	15	0	17.76	17.91	17.82		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	21.03	21.16	20.96		
1.4	QPSK	1	3	20.93	20.96	20.85		
1.4	QPSK	1	5	20.81	20.95	20.86	22	0
1.4	QPSK	3	0	20.98	21.10	21.07		
1.4	QPSK	3	1	20.91	20.96	20.91		
1.4	QPSK	3	3	20.74	20.96	20.87		
1.4	QPSK	6	0	20.97	20.97	20.91	22	0
1.4	16QAM	1	0	21.00	21.05	20.97		
1.4	16QAM	1	3	20.81	20.88	20.92		
1.4	16QAM	1	5	20.83	20.89	20.87	22	0
1.4	16QAM	3	0	20.86	20.92	20.85		
1.4	16QAM	3	1	20.69	20.87	20.86		
1.4	16QAM	3	3	20.70	20.82	20.70		
1.4	16QAM	6	0	20.75	20.96	20.83	22	0
1.4	64QAM	1	0	20.85	21.05	20.96		
1.4	64QAM	1	3	20.94	20.93	20.93		
1.4	64QAM	1	5	20.89	20.93	20.84	22	0
1.4	64QAM	3	0	20.85	20.95	20.86		
1.4	64QAM	3	1	20.89	21.12	21.01		
1.4	64QAM	3	3	20.95	21.01	20.90		
1.4	64QAM	6	0	19.83	19.88	19.72	21	1
1.4	256QAM	1	0	17.95	18.10	17.93		
1.4	256QAM	1	3	17.95	18.18	17.89		
1.4	256QAM	1	5	17.92	17.97	17.97	19	3
1.4	256QAM	3	0	17.97	17.96	17.84		
1.4	256QAM	3	1	17.83	17.91	17.72		
1.4	256QAM	3	3	17.81	17.89	17.77		
1.4	256QAM	6	0	17.71	17.92	17.78	19	3

Band 4 Ant2

BW [MHz]	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	21.16	21.30	21.12		
20	QPSK	1	49	20.99	21.11	20.94	22	0
20	QPSK	1	99	20.98	21.04	20.88		
20	QPSK	50	0	21.06	21.19	21.02		
20	QPSK	50	24	21.00	21.10	20.99	22	0
20	QPSK	50	50	20.98	20.97	20.94		
20	QPSK	100	0	21.02	21.16	21.06		
20	16QAM	1	0	21.08	21.26	21.10		
20	16QAM	1	49	21.03	21.17	21.02	22	0
20	16QAM	1	99	20.95	21.10	21.05		
20	16QAM	50	0	21.12	21.24	21.15		
20	16QAM	50	24	20.99	21.06	21.05	22	0
20	16QAM	50	50	20.96	21.05	20.97		
20	16QAM	100	0	21.06	21.21	21.05		
20	64QAM	1	0	21.01	21.21	21.06		
20	64QAM	1	49	21.03	21.08	21.02	22	0
20	64QAM	1	99	20.90	21.03	20.99		
20	64QAM	50	0	19.92	20.03	19.90		
20	64QAM	50	24	19.83	19.93	19.81	21	1
20	64QAM	50	50	19.82	19.79	19.75		
20	64QAM	100	0	19.87	19.94	19.95		
20	256QAM	1	0	18.06	18.26	18.17		
20	256QAM	1	49	18.03	18.26	18.10	19	3
20	256QAM	1	99	18.05	18.06	18.00		
20	256QAM	50	0	17.94	18.15	18.02		
20	256QAM	50	24	17.96	17.99	17.98	19	3
20	256QAM	50	50	17.87	17.97	17.86		
20	256QAM	100	0	17.92	18.05	17.89		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	21.01	21.25	20.98		
15	QPSK	1	37	20.87	20.97	20.82	22	0
15	QPSK	1	74	20.90	21.07	20.83		
15	QPSK	36	0	20.95	21.07	20.93		
15	QPSK	36	20	20.88	21.03	20.92	22	0
15	QPSK	36	39	20.81	20.91	20.84		
15	QPSK	75	0	20.92	21.07	20.99		
15	16QAM	1	0	20.94	21.15	21.03		
15	16QAM	1	37	21.00	21.03	20.94	22	0
15	16QAM	1	74	20.87	20.97	20.87		
15	16QAM	36	0	21.03	21.10	21.02		
15	16QAM	36	20	20.89	21.02	21.00	22	0
15	16QAM	36	39	20.83	21.01	20.94		
15	16QAM	75	0	20.92	21.06	20.98		
15	64QAM	1	0	20.96	21.14	20.91		
15	64QAM	1	37	20.95	21.04	20.94	22	0
15	64QAM	1	74	20.80	21.00	20.91		
15	64QAM	36	0	19.88	20.00	19.80		
15	64QAM	36	20	19.72	19.88	19.74	21	1
15	64QAM	36	39	19.74	19.66	19.60		
15	64QAM	75	0	19.75	19.80	19.87		
15	256QAM	1	0	18.00	18.17	18.03		
15	256QAM	1	37	17.94	18.16	18.07	19	3
15	256QAM	1	74	17.90	17.96	17.95		
15	256QAM	36	0	17.81	18.01	17.92		
15	256QAM	36	20	17.83	17.88	17.94	19	3
15	256QAM	36	39	17.80	17.92	17.80		
15	256QAM	75	0	17.80	17.96	17.79		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	21.02	21.16	21.04		
10	QPSK	1	25	20.95	20.98	20.83	22	0
10	QPSK	1	49	20.94	20.96	20.73		
10	QPSK	25	0	20.91	21.16	20.91		
10	QPSK	25	12	20.95	20.99	20.90	22	0
10	QPSK	25	25	20.83	20.84	20.80		
10	QPSK	50	0	20.91	21.12	20.92		
10	16QAM	1	0	21.01	21.16	20.99		
10	16QAM	1	25	20.93	21.10	20.98	22	0
10	16QAM	1	49	20.86	21.01	20.92		
10	16QAM	25	0	21.00	21.18	21.09		
10	16QAM	25	12	20.84	21.02	20.98	22	0
10	16QAM	25	25	20.82	20.99	20.89		
10	16QAM	50	0	20.93	21.06	21.02		
10	64QAM	1	0	20.99	21.15	20.98		
10	64QAM	1	25	20.97	21.01	20.88	22	0
10	64QAM	1	49	20.81	20.96	20.89		
10	64QAM	25	0	19.83	19.90	19.87		
10	64QAM	25	12	19.69	19.86	19.68	21	1
10	64QAM	25	25	19.74	19.64	19.69		
10	64QAM	50	0	19.76	19.86	19.82		
10	256QAM	1	0	18.03	18.16	18.05		
10	256QAM	1	25	17.89	18.18	18.04	19	3
10	256QAM	1	49	17.94	17.91	17.90		
10	256QAM	25	0	17.83	18.02	17.91		
10	256QAM	25	12	17.87	17.84	17.89	19	3
10	256QAM	25	25	17.78	17.90	17.82		
10	256QAM	50	0	17.81	17.95	17.85		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	21.04	21.24	21.03		
5	QPSK	1	12	20.96	21.03	20.87	22	0
5	QPSK	1	24	20.91	21.07	20.84		
5	QPSK	12	0	20.93	21.06	20.98		
5	QPSK	12	7	20.94	21.03	20.90	22	0
5	QPSK	12	13	20.94	20.87	20.86		
5	QPSK	25	0	20.92	21.08	20.93		
5	16QAM	1	0	21.04	21.17	21.04		
5	16QAM	1	12	20.93	21.01	20.91	22	0
5	16QAM	1	24	20.85	20.96	20.91		
5	16QAM	12	0	20.99	21.16	21.03		
5	16QAM	12	7	20.87	20.91	20.93	22	0
5	16QAM	12	13	20.89	20.84	20.90		
5	16QAM	25	0	20.91	21.13	20.93		
5	64QAM	1	0	20.99	21.06	20.97		
5	64QAM	1	12	20.97	20.96	20.94	22	0
5	64QAM	1	24	20.82	20.92	20.89		
5	64QAM	12	0	19.82	19.89	19.87		
5	64QAM	12	7	19.73	19.82	19.76	21	1
5	64QAM	12	13	19.74	19.73	19.67		
5	64QAM	25	0	19.75	19.84	19.82		
5	256QAM	1	0	18.00	18.18	18.11		
5	256QAM	1	12	17.88	18.18	18.04	19	3
5	256QAM	1	24	17.95	17.95	17.89		
5	256QAM	12	0	17.87	18.03	17.90		
5	256QAM	12	7	17.93	17.92	17.88	19	3
5	256QAM	12	13	17.82	17.84	17.79		
5	256QAM	25	0	17.86	18.01	17.74		
Channel				19925	20175	20425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	21.04	21.17	21.03		
3	QPSK	1	8	20.87	21.01	20.80	22	0
3	QPSK	1	14	20.90	21.06	20.81		
3	QPSK	8	0	21.00	21.15	20.91		
3	QPSK	8	4	20.90	21.02	20.87	22	0
3	QPSK	8	7	20.84	20.85	20.83		
3	QPSK	15	0	20.87	21.03	20.99		
3	16QAM	1	0	20.95	21.22	20.97		
3	16QAM	1	8	20.96	21.06	20.99	22	0
3	16QAM	1	14	20.90	21.01	21.00		
3	16QAM	8	0	21.03	21.20	21.04		
3	16QAM	8	4	20.89	20.96	20.94	22	0
3	16QAM	8	7	20.93	20.91	20.83		
3	16QAM	15	0	21.03	21.15	21.00		
3	64QAM	1	0	21.03	21.15	21.02		
3	64QAM	1	8	20.99	20.95	20.92	22	0
3	64QAM	1	14	20.80	20.97	20.85		
3	64QAM	8	0	19.79	19.95	19.78		
3	64QAM	8	4	19.79	19.82	19.78	21	1
3	64QAM	8	7	19.75	19.67	19.67		
3	64QAM	15	0	19.80	19.84	19.81		
3	256QAM	1	0	18.02	18.14	18.10		
3	256QAM	1	8	17.91	18.17	17.96	19	3
3	256QAM	1	14	17.99	17.94	17.97		
3	256QAM	8	0	17.81	18.00	17.91		
3	256QAM	8	4	17.83	17.93	17.90	19	3
3	256QAM	8	7	17.83	17.83	17.82		
3	256QAM	15	0	17.82	17.93	17.82		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	21.08	21.16	21.06		
1.4	QPSK	1	3	20.94	21.02	20.90		
1.4	QPSK	1	5	20.84	21.05	20.78	22	0
1.4	QPSK	3	0	20.95	21.10	20.91		
1.4	QPSK	3	1	20.94	20.97	20.87		
1.4	QPSK	3	3	20.95	20.83	20.87		
1.4	QPSK	6	0	20.90	21.10	20.95	22	0
1.4	16QAM	1	0	21.04	21.22	20.97		
1.4	16QAM	1	3	20.96	21.09	20.94		
1.4	16QAM	1	5	20.90	21.04	20.93	22	0
1.4	16QAM	3	0	21.03	21.12	21.02		
1.4	16QAM	3	1	20.88	21.00	20.97		
1.4	16QAM	3	3	20.83	20.93	20.89		
1.4	16QAM	6	0	20.98	21.17	20.92	22	0
1.4	64QAM	1	0	21.04	21.12	20.99		
1.4	64QAM	1	3	20.91	21.05	20.88		
1.4	64QAM	1	5	20.82	20.93	20.94	22	0
1.4	64QAM	3	0	20.95	21.08	20.95		
1.4	64QAM	3	1	21.05	21.11	20.93		
1.4	64QAM	3	3	20.98	20.96	20.98		
1.4	64QAM	6	0	19.70	19.90	19.73	21	1
1.4	256QAM	1	0	18.02	18.18	18.09		
1.4	256QAM	1	3	17.94	18.16	17.97		
1.4	256QAM	1	5	18.01	17.97	17.94	19	3
1.4	256QAM	3	0	17.84	18.11	17.95		
1.4	256QAM	3	1	17.93	17.94	17.92		
1.4	256QAM	3	3	17.75	17.92	17.82		
1.4	256QAM	6	0	17.88	17.90	17.82	19	3

Band 5 Ant2

BW [MHz]	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	22.11	22.16	22.07		
10	QPSK	1	25	21.94	22.03	21.89	23	0
10	QPSK	1	49	21.85	22.00	21.78		
10	QPSK	25	0	21.94	22.15	21.96		
10	QPSK	25	12	21.85	22.00	21.88	23	0
10	QPSK	25	25	21.93	21.86	21.84		
10	QPSK	50	0	21.97	22.06	21.95		
10	16QAM	1	0	21.97	22.14	22.07		
10	16QAM	1	25	21.93	22.14	21.92	23	0
10	16QAM	1	49	21.81	21.95	21.93		
10	16QAM	25	0	22.06	22.09	22.11		
10	16QAM	25	12	21.93	21.98	21.91	23	0
10	16QAM	25	25	21.84	22.01	21.85		
10	16QAM	50	0	21.98	22.07	22.00		
10	64QAM	1	0

Band 12 Ant2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	22.51	22.59	22.50	24	0
10	QPSK	1	25	22.40	22.42	22.31		
10	QPSK	1	49	22.26	22.40	22.18		
10	QPSK	25	0	22.40	22.55	22.40	24	0
10	QPSK	25	12	22.30	22.45	22.27		
10	QPSK	25	25	22.29	22.32	22.24		
10	QPSK	50	0	22.34	22.41	22.37		
10	16QAM	1	0	22.41	22.51	22.53	24	0
10	16QAM	1	25	22.39	22.52	22.38		
10	16QAM	1	49	22.18	22.40	22.39		
10	16QAM	25	0	22.51	22.52	22.54	24	0
10	16QAM	25	12	22.29	22.41	22.35		
10	16QAM	25	25	22.27	22.36	22.30		
10	16QAM	50	0	22.40	22.51	22.38		
10	64QAM	1	0	22.40	22.44	22.34	24	0
10	64QAM	1	25	22.39	22.41	22.32		
10	64QAM	1	49	22.14	22.41	22.29		
10	64QAM	25	0	21.24	21.36	21.17	22.5	1.5
10	64QAM	25	12	21.13	21.21	21.06		
10	64QAM	25	25	21.09	21.06	21.04		
10	64QAM	50	0	21.25	21.30	21.19		
10	256QAM	1	0	19.32	19.60	19.48	21	3
10	256QAM	1	25	19.35	19.58	19.51		
10	256QAM	1	49	19.34	19.36	19.43		
10	256QAM	25	0	19.24	19.45	19.44	21	3
10	256QAM	25	12	19.34	19.28	19.32		
10	256QAM	25	25	19.12	19.28	19.19		
10	256QAM	50	0	19.26	19.33	19.17		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.43	22.48	22.39	24	0
5	QPSK	1	12	22.33	22.28	22.20		
5	QPSK	1	24	22.14	22.40	22.04		
5	QPSK	12	0	22.29	22.50	22.37	24	0
5	QPSK	12	7	22.25	22.31	22.15		
5	QPSK	12	13	22.24	22.26	22.17		
5	QPSK	25	0	22.22	22.27	22.32		
5	16QAM	1	0	22.35	22.48	22.38	24	0
5	16QAM	1	12	22.25	22.45	22.27		
5	16QAM	1	24	22.08	22.30	22.33		
5	16QAM	12	0	22.47	22.43	22.51	24	0
5	16QAM	12	7	22.18	22.28	22.25		
5	16QAM	12	13	22.15	22.25	22.24		
5	16QAM	25	0	22.37	22.43	22.23		
5	64QAM	1	0	22.25	22.39	22.29	24	0
5	64QAM	1	12	22.29	22.37	22.28		
5	64QAM	1	24	22.05	22.32	22.21		
5	64QAM	12	0	21.17	21.31	21.05	22.5	1.5
5	64QAM	12	7	21.02	21.15	20.97		
5	64QAM	12	13	21.02	20.92	20.89		
5	64QAM	25	0	21.13	21.16	21.15		
5	256QAM	1	0	19.21	19.48	19.38	21	3
5	256QAM	1	12	19.20	19.48	19.48		
5	256QAM	1	24	19.25	19.28	19.33		
5	256QAM	12	0	19.11	19.35	19.38	21	3
5	256QAM	12	7	19.20	19.15	19.26		
5	256QAM	12	13	19.02	19.20	19.12		
5	256QAM	25	0	19.12	19.22	19.09		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.40	22.52	22.46	24	0
3	QPSK	1	8	22.33	22.37	22.26		
3	QPSK	1	14	22.11	22.43	22.08		
3	QPSK	8	0	22.32	22.48	22.29	24	0
3	QPSK	8	4	22.19	22.34	22.21		
3	QPSK	8	7	22.21	22.18	22.11		
3	QPSK	15	0	22.21	22.37	22.25		
3	16QAM	1	0	22.26	22.39	22.46	24	0
3	16QAM	1	8	22.31	22.38	22.32		
3	16QAM	1	14	22.05	22.26	22.32		
3	16QAM	8	0	22.37	22.41	22.40	24	0
3	16QAM	8	4	22.18	22.33	22.29		
3	16QAM	8	7	22.13	22.29	22.16		
3	16QAM	15	0	22.36	22.39	22.25		
3	64QAM	1	0	22.27	22.31	22.21	24	0
3	64QAM	1	8	22.34	22.38	22.28		
3	64QAM	1	14	22.06	22.28	22.20		
3	64QAM	8	0	21.12	21.27	21.02	22.5	1.5
3	64QAM	8	4	21.04	21.12	20.95		
3	64QAM	8	7	20.98	21.00	20.99		
3	64QAM	15	0	21.19	21.24	21.12		
3	256QAM	1	0	19.29	19.45	19.41	21	3
3	256QAM	1	8	19.27	19.51	19.37		
3	256QAM	1	14	19.24	19.31	19.35		
3	256QAM	8	0	19.10	19.31	19.36	21	3
3	256QAM	8	4	19.24	19.15	19.17		
3	256QAM	8	7	19.09	19.23	19.09		
3	256QAM	15	0	19.20	19.26	19.12		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.41	22.54	22.38	24	0
1.4	QPSK	1	3	22.30	22.28	22.27		
1.4	QPSK	1	5	22.20	22.42	22.04		
1.4	QPSK	3	0	22.34	22.50	22.28		
1.4	QPSK	3	1	22.20	22.39	22.23		
1.4	QPSK	3	3	22.17	22.20	22.20		
1.4	QPSK	6	0	22.23	22.34	22.32	24	0
1.4	16QAM	1	0	22.32	22.45	22.40	24	0
1.4	16QAM	1	3	22.28	22.47	22.25		
1.4	16QAM	1	5	22.04	22.37	22.33		
1.4	16QAM	3	0	22.47	22.47	22.40		
1.4	16QAM	3	1	22.25	22.31	22.25		
1.4	16QAM	3	3	22.17	22.32	22.26		
1.4	16QAM	6	0	22.26	22.43	22.35	24	0
1.4	64QAM	1	0	22.35	22.37	22.29	24	0
1.4	64QAM	1	3	22.25	22.29	22.26		
1.4	64QAM	1	5	22.01	22.33	22.19		
1.4	64QAM	3	0	22.38	22.38	22.40		
1.4	64QAM	3	1	22.16	22.32	22.22		
1.4	64QAM	3	3	22.15	22.29	22.21		
1.4	64QAM	6	0	21.19	21.29	21.11	22.5	1.5
1.4	256QAM	1	0	19.26	19.57	19.36	21	3
1.4	256QAM	1	3	19.22	19.55	19.47		
1.4	256QAM	1	5	19.26	19.22	19.35		
1.4	256QAM	3	0	19.10	19.34	19.30		
1.4	256QAM	3	1	19.21	19.18	19.19		
1.4	256QAM	3	3	19.08	19.20	19.14		
1.4	256QAM	6	0	19.17	19.23	19.09	21	3

Band 13 Ant2

BW [MHz]	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		22.53		24	0
10	QPSK	1	25		22.40			
10	QPSK	1	49		22.43			
10	QPSK	25	0		22.45		24	0
10	QPSK	25	12		22.35			
10	QPSK	25	25		22.26			
10	QPSK	50	0		22.32			
10	16QAM	1	0		22.48		24	0
10	16QAM	1	25		22.47			
10	16QAM	1	49		22.40			
10	16QAM	25	0		22.44		24	0
10	16QAM	25	12		22.35			
10	16QAM	25	25		22.26			
10	16QAM	50	0		22.45			
10	64QAM	1	0		22.38		24	0
10	64QAM	1	25		22.42			
10	64QAM	1	49		22.41			
10	64QAM	25	0		21.30		22.5	1.5
10	64QAM	25	12		21.20			
10	64QAM	25	25		21.04			
10	64QAM	50	0		21.26			
10	256QAM	1	0		19.60		21	3
10	256QAM	1	25		19.59			
10	256QAM	1	49		19.30			
10	256QAM	25	0		19.42		21	3
10	256QAM	25	12		19.26			
10	256QAM	25	25		19.24			
10	256QAM	50	0		19.28			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.47	22.50	22.44	24	0
5	QPSK	1	12	22.33	22.35	22.39		
5	QPSK	1	24	22.34	22.44	22.44		
5	QPSK	12	0	22.41	22.37	22.40	24	0
5	QPSK	12	7	22.25	22.26	22.28		
5	QPSK	12	13	22.23	22.21	22.21		
5	QPSK	25	0	22.22	22.30	22.30		
5	16QAM	1	0	22.42	22.46	22.43	24	0
5	16QAM	1	12	22.38	22.44	22.46		
5	16QAM	1	24	22.34	22.33	22.41		
5	16QAM	12	0	22.41	22.41	22.40	24	0
5	16QAM	12	7	22.31	22.33	22.31		
5	16QAM	12	13	22.17	22.25	22.19		
5	16QAM	25	0	22.41	22.47	22.46		
5	64QAM	1	0	22.31	22.30	22.29	24	0
5	64QAM	1	12	22.37	22.42	22.35		
5	64QAM	1	24	22.33	22.32	22.35		
5	64QAM	12	0	21.28	21.27	21.25	22.5	1.5
5	64QAM	12	7	21.11	21.20	21.17		
5	64QAM	12	13	20.96	20.97	21.01		
5	64QAM	25	0	21.17	21.25	21.28		
5	256QAM	1	0	19.52	19.51	19.53	21	3
5	256QAM	1	12	19.49	19.53	19.50		
5	256QAM	1	24	19.25	19.29	19.24		
5	256QAM	12	0	19.36	19.43	19.35	21	3
5	256QAM	12	7	19.22	19.24	19.26		
5	256QAM	12	13	19.17	19.20	19.17		
5	256QAM	25	0	19.27	19.18	19.30		

Band 14 Ant2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23330			
Frequency (MHz)					793			
10	QPSK	1	0		22.62		24	0
10	QPSK	1	25		22.47			
10	QPSK	1	49		22.51			
10	QPSK	25	0		22.50		24	0
10	QPSK	25	12		22.36			
10	QPSK	25	25		22.35			
10	QPSK	50	0		22.44			
10	16QAM	1	0		22.49		24	0
10	16QAM	1	25		22.48			
10	16QAM	1	49		22.49			
10	16QAM	25	0		22.52		24	0
10	16QAM	25	12		22.41			
10	16QAM	25	25		22.28			
10	16QAM	50	0		22.56			
10	64QAM	1	0		22.41		24	0
10	64QAM	1	25		22.49			
10	64QAM	1	49		22.45			
10	64QAM	25	0		21.32		22.5	1.5
10	64QAM	25	12		21.22			
10	64QAM	25	25		21.08			
10	64QAM	50	0		21.29			
10	256QAM	1	0		19.62		21	3
10	256QAM	1	25		19.68			
10	256QAM	1	49		19.31			
10	256QAM	25	0		19.48		21	3
10	256QAM	25	12		19.29			
10	256QAM	25	25		19.33			
10	256QAM	50	0		19.37			
Channel				23305	23330	23355	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	0	22.51	22.57	22.47	24	0
5	QPSK	1	12	22.32	22.33	22.36		
5	QPSK	1	24	22.45	22.42	22.46		
5	QPSK	12	0	22.39	22.43	22.41	24	0
5	QPSK	12	7	22.27	22.30	22.31		
5	QPSK	12	13	22.30	22.23	22.25		
5	QPSK	25	0	22.32	22.37	22.37		
5	16QAM	1	0	22.41	22.37	22.40	24	0
5	16QAM	1	12	22.39	22.38	22.39		
5	16QAM	1	24	22.44	22.44	22.41		
5	16QAM	12	0	22.43	22.48	22.49	24	0
5	16QAM	12	7	22.27	22.28	22.35		
5	16QAM	12	13	22.18	22.21	22.25		
5	16QAM	25	0	22.42	22.48	22.50		
5	64QAM	1	0	22.28	22.37	22.28	24	0
5	64QAM	1	12	22.41	22.40	22.45		
5	64QAM	1	24	22.38	22.41	22.39		
5	64QAM	12	0	21.21	21.27	21.20	22.5	1.5
5	64QAM	12	7	21.08	21.18	21.13		
5	64QAM	12	13	21.01	21.02	21.02		
5	64QAM	25	0	21.16	21.15	21.18		
5	256QAM	1	0	19.51	19.52	19.57	21	3
5	256QAM	1	12	19.64	19.60	19.58		
5	256QAM	1	24	19.21	19.16	19.27		
5	256QAM	12	0	19.44	19.33	19.34	21	3
5	256QAM	12	7	19.20	19.22	19.14		
5	256QAM	12	13	19.21	19.29	19.20		
5	256QAM	25	0	19.31	19.33	19.24		

Band 17 Ant2

BW [MHz]	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	22.45	22.48	22.41	24	0
10	QPSK	1	25	22.38	22.29	22.34		
10	QPSK	1	49	22.31	22.34	22.40		
10	QPSK	25	0	22.35	22.39	22.31	24	0
10	QPSK	25	12	22.18	22.24	22.23		
10	QPSK	25	25	22.21	22.23	22.17		
10	QPSK	50	0	22.29	22.31	22.24		
10	16QAM	1	0	22.30	22.35	22.32	24	0
10	16QAM	1	25	22.28	22.38	22.39		
10	16QAM	1	49	22.17	22.31	22.30		
10	16QAM	25	0	22.34	22.42	22.32	24	0
10	16QAM	25	12	22.32	22.22	22.31		
10	16QAM	25	25	22.13	22.10	22.08		
10	16QAM	50	0	22.36	22.41	22.43		
10	64QAM	1	0	22.27	22.30	22.32	24	0
10	64QAM	1	25	22.31	22.35	22.33		
10	64QAM	1	49	22.30	22.35	22.27		
10	64QAM	25	0	21.21	21.20	21.23	22.5	1.5
10	64QAM	25	12	21.05	21.11	21.05		
10	64QAM	25	25	20.89	20.96	20.98		
10	64QAM	50	0	21.21	21.13	21.12		
10	256QAM	1	0	19.46	19.48	19.43	21	3
10	256QAM	1	25	19.60	19.57	19.50		
10	256QAM	1	49	19.23	19.32	19.27		
10	256QAM	25	0	19.33	19.30	19.34	21	3
10	256QAM	25	12	19.10	19.20	19.21		
10	256QAM	25	25	19.14	19.16	19.20		
10	256QAM	50	0	19.19	19.17	19.28		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.39	22.45	22.29	24	0
5	QPSK	1	12	22.34	22.16	22.20		
5	QPSK	1	24	22.17	22.26	22.32		
5	QPSK	12	0	22.27	22.28	22.17	24	0
5	QPSK	12	7	22.08	22.12	22.12		
5	QPSK	12	13	22.16	22.15	22.04		
5	QPSK	25	0	22.20	22.21	22.14		
5	16QAM	1	0	22.21	22.26	22.18	24	0
5	16QAM	1	12	22.28	22.25	22.27		
5	16QAM	1	24	22.27	22.24	22.28		
5	16QAM	12	0	22.25	22.28	22.23	24	0
5	16QAM	12	7	22.19	22.12	22.24		
5	16QAM	12	13	22.08	22.01	22.01		
5	16QAM	25	0	22.21	22.34	22.31		
5	64QAM	1	0	22.22	22.19	22.19	24	0
5	64QAM	1	12	22.24	22.29	22.25		
5	64QAM	1	24	22.27	22.23	22.18		
5	64QAM	12	0	21.14	21.08	21.11	22.5	1.5
5	64QAM	12	7	20.99	21.00	20.95		
5	64QAM	12	13	20.83	20.84	20.85		
5	64QAM	25	0	21.12	21.00	20.99		
5	256QAM	1	0	19.33	19.39	19.36	21	3
5	256QAM	1	12	19.53	19.47	19.35		
5	256QAM	1	24	19.09	19.19	19.24		
5	256QAM	12	0	19.26	19.21	19.24	21	3
5	256QAM	12	7	19.06	19.12	19.10		
5	256QAM	12	13	19.07	19.06	19.06		
5	256QAM	25	0	19.08	19.04	19.19		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	23.18	23.35	23.31		
20	QPSK	1	49	22.99	23.26	23.19	24	0
20	QPSK	1	99	22.00	23.13	23.03		
20	QPSK	50	0	23.16	23.29	23.19		
20	QPSK	50	24	23.13	23.18	23.14	24	0
20	QPSK	50	50	23.01	23.06	23.05		
20	QPSK	100	0	23.11	23.22	23.15		
20	16QAM	1	0	23.13	23.27	23.14		
20	16QAM	1	49	23.06	23.14	23.07	24	0
20	16QAM	1	99	22.99	23.09	23.07		
20	16QAM	50	0	22.85	23.04	22.94		
20	16QAM	50	24	22.84	22.89	22.90	24	0
20	16QAM	50	50	22.77	22.84	22.82		
20	16QAM	100	0	22.94	23.16	23.01		
20	64QAM	1	0	22.96	23.15	22.96		
20	64QAM	1	49	22.98	23.02	22.90	24	0
20	64QAM	1	99	22.88	23.00	22.90		
20	64QAM	50	0	22.00	22.14	22.05		
20	64QAM	50	24	21.93	22.04	21.97	23	1
20	64QAM	50	50	21.82	21.93	21.85		
20	64QAM	100	0	22.06	22.05	22.03		
20	256QAM	1	0	19.94	20.16	20.00		
20	256QAM	1	49	19.98	20.16	20.02	21	3
20	256QAM	1	99	19.89	19.93	19.97		
20	256QAM	50	0	20.01	20.13	20.01		
20	256QAM	50	24	19.96	19.98	19.97	21	3
20	256QAM	50	50	19.82	19.94	19.87		
20	256QAM	100	0	19.96	20.09	19.92		
Channel				26115	26340	26915	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	23.07	23.26	23.17		
15	QPSK	1	37	22.91	23.15	23.04	24	0
15	QPSK	1	74	22.91	23.09	23.00		
15	QPSK	36	0	23.02	23.16	23.14		
15	QPSK	36	20	23.07	23.05	23.07	24	0
15	QPSK	36	39	22.90	23.01	23.01		
15	QPSK	75	0	23.06	23.14	23.00		
15	16QAM	1	0	22.98	23.12	23.03		
15	16QAM	1	37	22.96	23.04	22.94	24	0
15	16QAM	1	74	22.91	22.99	22.94		
15	16QAM	36	0	22.70	22.95	22.90		
15	16QAM	36	20	22.79	22.79	22.83	24	0
15	16QAM	36	39	22.69	22.76	22.78		
15	16QAM	75	0	22.90	23.13	22.90		
15	64QAM	1	0	22.87	23.04	22.91		
15	64QAM	1	37	22.92	22.91	22.83	24	0
15	64QAM	1	74	22.76	22.97	22.78		
15	64QAM	36	0	21.89	22.07	22.02		
15	64QAM	36	20	21.79	21.82	21.91	23	1
15	64QAM	36	39	21.70	21.79	21.71		
15	64QAM	75	0	22.02	22.01	21.90		
15	256QAM	1	0	19.84	20.02	19.92		
15	256QAM	1	37	19.91	20.10	19.98	21	3
15	256QAM	1	74	19.77	19.78	19.91		
15	256QAM	36	0	19.97	20.03	19.94		
15	256QAM	36	20	19.91	19.92	19.92	21	3
15	256QAM	36	39	19.72	19.80	19.75		
15	256QAM	75	0	19.89	19.97	19.78		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	23.12	23.31	23.16		
10	QPSK	1	25	22.87	23.15	23.09	24	0
10	QPSK	1	49	22.90	23.00	23.00		
10	QPSK	25	0	23.07	23.23	23.06		
10	QPSK	25	12	23.03	23.05	23.07	24	0
10	QPSK	25	25	22.94	22.95	22.92		
10	QPSK	50	0	22.97	23.18	23.04		
10	16QAM	1	0	23.06	23.14	23.07		
10	16QAM	1	25	22.91	23.10	22.92	24	0
10	16QAM	1	49	22.85	23.04	23.03		
10	16QAM	25	0	22.78	22.96	22.87		
10	16QAM	25	12	22.81	22.85	22.84	24	0
10	16QAM	25	25	22.70	22.81	22.76		
10	16QAM	50	0	22.81	23.03	22.92		
10	64QAM	1	0	22.84	23.02	22.84		
10	64QAM	1	25	22.85	22.91	22.79	24	0
10	64QAM	1	49	22.85	22.94	22.81		
10	64QAM	25	0	21.89	22.10	22.02		
10	64QAM	25	12	21.84	21.92	21.86	23	1
10	64QAM	25	25	21.77	21.83	21.77		
10	64QAM	50	0	21.97	21.98	21.94		
10	256QAM	1	0	19.91	20.02	19.90		
10	256QAM	1	25	19.92	20.07	19.91	21	3
10	256QAM	1	49	19.82	19.82	19.86		
10	256QAM	25	0	19.88	20.08	19.87		
10	256QAM	25	12	19.86	19.92	19.88	21	3
10	256QAM	25	25	19.77	19.89	19.76		
10	256QAM	50	0	19.83	20.02	19.87		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	23.12	23.29	23.21		
5	QPSK	1	12	22.90	23.17	23.11	24	0
5	QPSK	1	24	22.88	23.02	23.00		
5	QPSK	12	0	23.12	23.15	23.13		
5	QPSK	12	7	23.07	23.10	23.07	24	0
5	QPSK	12	13	22.90	22.92	23.01		
5	QPSK	25	0	22.98	23.12	23.08		
5	16QAM	1	0	23.07	23.13	23.02		
5	16QAM	1	12	22.97	22.99	22.95	24	0
5	16QAM	1	24	22.91	22.98	23.03		
5	16QAM	12	0	22.81	22.92	22.87		
5	16QAM	12	7	22.74	22.85	22.78	24	0
5	16QAM	12	13	22.74	22.74	22.72		
5	16QAM	25	0	22.81	23.08	22.94		
5	64QAM	1	0	22.90	23.11	22.90		
5	64QAM	1	12	22.92	22.93	22.76	24	0
5	64QAM	1	24	22.73	22.95	22.83		
5	64QAM	12	0	21.87	22.02	22.01		
5	64QAM	12	7	21.88	21.99	21.85	23	1
5	64QAM	12	13	21.68	21.86	21.76		
5	64QAM	25	0	21.92	21.91	21.97		
5	256QAM	1	0	19.81	20.06	19.86		
5	256QAM	1	12	19.85	20.09	19.89	21	3
5	256QAM	1	24	19.75	19.78	19.91		
5	256QAM	12	0	19.86	19.99	19.90		
5	256QAM	12	7	19.88	19.89	19.88	21	3
5	256QAM	12	13	19.71	19.91	19.80		
5	256QAM	25	0	19.83	19.99	19.82		
Channel				26055	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	23.10	23.25	23.22		
3	QPSK	1	8	22.89	23.17	23.13	24	0
3	QPSK	1	14	22.97	23.04	22.90		
3	QPSK	8	0	23.11	23.15	23.12		
3	QPSK	8	4	23.10	23.10	23.10	24	0
3	QPSK	8	7	22.94	22.91	22.93		
3	QPSK	15	0	23.02	23.12	23.11		
3	16QAM	1	0	23.04	23.14	23.11		
3	16QAM	1	8	23.01	23.08	22.94	24	0
3	16QAM	1	14	22.85	22.97	22.96		
3	16QAM	8	0	22.80	22.93	22.79		
3	16QAM	8	4	22.73	22.80	22.76	24	0
3	16QAM	8	7	22.68	22.79	22.70		
3	16QAM	15	0	22.90	23.03	22.93		
3	64QAM	1	0	22.87	23.09	22.91		
3	64QAM	1	8	22.94	22.94	22.86	24	0
3	64QAM	1	14	22.78	22.86	22.82		
3	64QAM	8	0	21.91	22.08	21.94		
3	64QAM	8	4	21.82	21.90	21.91	23	1
3	64QAM	8	7	21.74	21.82	21.74		
3	64QAM	15	0	21.98	22.01	21.89		
3	256QAM	1	0	19.84	20.05	19.89		
3	256QAM	1	8	19.91	20.11	19.88	21	3
3	256QAM	1	14	19.84	19.83	19.85		
3	256QAM	8	0	19.91	20.03	19.89		
3	256QAM	8	4	19.90	19.88	19.85	21	3
3	256QAM	8	7	19.79	19.88	19.79		
3	256QAM	15	0	19.89	20.00	19.77		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	23.15	23.23	23.23		
1.4	QPSK	1	3	22.88	23.17	23.14		
1.4	QPSK	1	5	22.93	22.99	22.89	24	0
1.4	QPSK	3	0	23.02	23.21	23.07		
1.4	QPSK	3	1	23.03	23.08	22.99		
1.4	QPSK	3	3	22.87	22.93	22.98		
1.4	QPSK	6	0	22.99	23.07	23.06	24	0
1.4	16QAM	1	0	22.99	23.15	23.01		
1.4	16QAM	1	3	22.99	23.07	23.02		
1.4	16QAM	1	5	22.85	23.02	23.00	24	0
1.4	16QAM	3	0	22.80	22.96	22.89		
1.4	16QAM	3	1	22.72	22.82	22.81		
1.4	16QAM	3	3	22.68	22.81	22.73		
1.4	16QAM	6	0	22.84	23.03	22.97	24	0
1.4	64QAM	1	0	22.83	23.03	22.85		
1.4	64QAM	1	3	22.87	22.97	22.82		
1.4	64QAM	1	5	22.77	22.96	22.85	24	0
1.4	64QAM	3	0	22.81	22.92	22.88		
1.4	64QAM	3	1	22.75	22.80	22.82		
1.4	64QAM	3	3	22.67	22.71	22.72		
1.4	64QAM	6	0	21.97	22.01	21.98	23	1
1.4	256QAM	1	0	19.82	20.03	19.95		
1.4	256QAM	1	3	19.93	20.12	19.88		
1.4	256QAM	1	5	19.84	19.88	19.89	21	3
1.4	256QAM	3	0	19.95	20.08	19.96		
1.4	256QAM	3	1	19.92	19.89	19.85		
1.4	256QAM	3	3	19.72	19.84	19.75		
1.4	256QAM	6	0	19.93	19.94	19.79	21	3

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	22.20	22.24	22.17		
15	QPSK	1	37	22.18	22.07	22.14	23	0
15	QPSK	1	74	22.03	22.10	22.05		
15	QPSK	36	0	22.16	22.20	22.05		
15	QPSK	36	20	21.94	21.95	21.99	23	0
15	QPSK	36	39	21.92	21.94	21.91		
15	QPSK	75	0	22.09	22.05	22.02		
15	16QAM	1	0	22.09	22.08	22.10		
15	16QAM	1	37	22.09	22.18	22.18	23	0
15	16QAM	1	74	21.99	22.01	22.10		
15	16QAM	36	0	22.06	22.19	22.06		
15	16QAM	36	20	22.02	22.02	22.06	23	0
15	16QAM	36	39	21.88	21.91	21.87		
15	16QAM	75	0	22.06	22.12	22.04		
15	64QAM	1	0	21.97	22.02	22.07		
15	64QAM	1	37	22.09	22.09	22.04	23	0
15	64QAM	1	74	22.05	22.17	22.05		
15	64QAM	36	0	20.94	21.00	20.97		
15	64QAM	36	20	20.76	20.88	20.87	22	1
15	64QAM	36	39	20.65	20.78	20.80		
15	64QAM	75	0	20.86	20.93	20.78		
15	256QAM	1	0	19.22	19.23	19.24		
15	256QAM	1	37	19.38	19.35	19.25	20	3
15	256QAM	1	74	19.11	19.14	19.06		
15	256QAM	36	0	19.14	19.08	19.14		
15	256QAM	36	20	18.91	18.99	19.02	20	3
15	256QAM	36	39	18.88	18.97	18.99		
15	256QAM	75	0	18.98	18.93	19.05		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.14	22.20	22.10		
10	QPSK	1	25	22.12	22.03	22.08	23	0
10	QPSK	1	49	21.90	21.98	21.99		
10	QPSK	25	0	22.12	22.12	21.96		
10	QPSK	25	12	21.86	21.92	21.90	23	0
10	QPSK	25	25	21.83	21.84	21.81		
10	QPSK	50	0	21.94	21.95	21.92		
10	16QAM	1	0	22.04	22.01	22.05		
10	16QAM	1	25	22.03	22.09	22.09	23	0
10	16QAM	1	49	21.88	21.87	21.96		
10	16QAM	25	0	21.93	22.07	21.96		
10	16QAM	25	12	21.98	21.89	21.94	23	0
10	16QAM	25	25	21.83	21.80	21.82		
10	16QAM	50	0	21.95	21.99	21.90		
10	64QAM	1	0	21.83	21.93	22.00		
10	64QAM	1	25	21.99	22.01	21.90	23	0
10	64QAM	1	49	21.92	22.04	21.97		
10	64QAM	25	0	20.89	20.93	20.87		
10	64QAM	25	12	20.69	20.82	20.75	22	1
10	64QAM	25	25	20.51	20.72	20.71		
10	64QAM	50	0	20.83	20.76	20.79		
10	256QAM	1	0	19.09	19.18	19.17		
10	256QAM	1	25	19.30	19.28	19.20	20	3
10	256QAM	1	49	19.06	19.01	19.00		
10	256QAM	25	0	19.11	19.02	19.01		
10	256QAM	25	12	18.76	18.86	18.97	20	3
10	256QAM	25	25	18.76	18.91	18.88		
10	256QAM	50	0	18.94	18.80	19.01		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.12	22.13	22.13		
5	QPSK	1	12	22.08	22.00	22.02	23	0
5	QPSK	1	24	21.90	22.01	21.92		
5	QPSK	12	0	22.10	22.11	21.98		
5	QPSK	12	7	21.86	21.90	21.90	23	0
5	QPSK	12	13	21.82	21.90	21.83		
5	QPSK	25	0	21.86	21.96	21.90		
5	16QAM	1	0	21.96	22.04	21.99		
5	16QAM	1	12	21.96	22.14	22.14	23	0
5	16QAM	1	24	21.87	21.96	22.06		
5	16QAM	12	0	22.00	22.07	21.92		
5	16QAM	12	7	21.96	21.96	21.97	23	0
5	16QAM	12	13	21.82	21.85	21.77		
5	16QAM	25	0	22.03	22.05	22.00		
5	64QAM	1	0	21.86	21.95	22.01		
5	64QAM	1	12	21.97	21.98	21.90	23	0
5	64QAM	1	24	22.00	22.03	22.02		
5	64QAM	12	0	20.84	20.91	20.82		
5	64QAM	12	7	20.71	20.76	20.84	22	1
5	64QAM	12	13	20.53	20.73	20.71		
5	64QAM	25	0	20.90	20.78	20.77		
5	256QAM	1	0	19.17	19.18	19.09		
5	256QAM	1	12	19.31	19.31	19.18	20	3
5	256QAM	1	24	18.97	19.07	19.01		
5	256QAM	12	0	19.03	18.96	19.03		
5	256QAM	12	7	18.78	18.87	18.88	20	3
5	256QAM	12	13	18.78	18.93	18.93		
5	256QAM	25	0	18.94	18.78	18.97		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.11	22.11	22.09		
3	QPSK	1	8	22.09	22.01	22.09	23	0
3	QPSK	1	14	21.94	22.06	21.91		
3	QPSK	8	0	22.04	22.07	21.99		
3	QPSK	8	4	21.83	21.90	21.92	23	0
3	QPSK	8	7	21.78	21.90	21.87		
3	QPSK	15	0	21.87	21.94	21.89		
3	16QAM	1	0	21.95	22.03	21.97		
3	16QAM	1	8	21.98	22.05	22.04	23	0
3	16QAM	1	14	21.95	21.90	22.06		
3	16QAM	8	0	21.93	22.12	21.97		
3	16QAM	8	4	21.89	21.90	21.97	23	0
3	16QAM	8	7	21.76	21.77	21.73		
3	16QAM	15	0	21.99	21.99	21.92		
3	64QAM	1	0	21.92	21.94	21.94		
3	64QAM	1	8	22.02	21.96	21.89	23	0
3	64QAM	1	14	22.01	22.04	21.97		
3	64QAM	8	0	20.83	20.95	20.84		
3	64QAM	8	4	20.62	20.75	20.83	22	1
3	64QAM	8	7	20.58	20.65	20.75		
3	64QAM	15	0	20.89	20.78	20.74		
3	256QAM	1	0	19.14	19.12	19.17		
3	256QAM	1	8	19.23	19.30	19.13	20	3
3	256QAM	1	14	19.01	19.05	18.93		
3	256QAM	8	0	19.09	18.97	19.05		
3	256QAM	8	4	18.81	18.93	18.92	20	3
3	256QAM	8	7	18.79	18.83	18.94		
3	256QAM	15	0	18.94	18.81	18.93		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.07	22.10	22.11		
1.4	QPSK	1	3	22.11	21.96	22.09	23	0
1.4	QPSK	1	5	21.90	21.99	21.97		
1.4	QPSK	3	0	22.11	22.16	21.92		
1.4	QPSK	3	1	21.82	21.89	21.95		
1.4	QPSK	3	3	21.88	21.85	21.82		
1.4	QPSK	6	0	21.95	21.90	21.97	23	0
1.4	16QAM	1	0	21.97	21.97	21.97		
1.4	16QAM	1	3	21.97	22.08	22.10		
1.4	16QAM	1	5	21.87	21.94	21.97	23	0
1.4	16QAM	3	0	21.91	22.11	21.95		
1.4	16QAM	3	1	21.98	21.98	21.96		
1.4	16QAM	3	3	21.76	21.77	21.76		
1.4	16QAM	6	0	22.02	22.05	21.92	23	0
1.4	64QAM	1	0	21.86	21.95	22.03		
1.4	64QAM	1	3	22.03	21.97	21.94	23	0
1.4	64QAM	1	5	22.00	22.07	21.96		
1.4	64QAM	3	0	21.87	21.95	21.94		
1.4	64QAM	3	1	22.02	22.04	21.95		
1.4	64QAM	3	3	21.91	22.03	21.92		
1.4	64QAM	6	0	20.82	20.86	20.86	22	1
1.4	256QAM	1	0	19.12	19.11	19.13		
1.4	256QAM	1	3	19.20	19.24	19.17	20	3
1.4	256QAM	1	5	19.01	19.03	18.94		
1.4	256QAM	3	0	19.03	19.05	19.02		
1.4	256QAM	3	1	18.84	18.85	18.88		
1.4	256QAM	3	3	18.75	18.86	18.80		
1.4	256QAM	6	0	18.92	18.98	18.86	20	3

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		20.58			
10	QPSK	1	25		20.51		21.5	0
10	QPSK	1	49		20.46			
10	QPSK	25	0		20.54			
10	QPSK	25	12		20.47		21.5	0
10	QPSK	25	25		20.50			
10	QPSK	50	0		20.47			
10	16QAM	1	0		20.45			
10	16QAM	1	25		20.52		21.5	0
10	16QAM	1	49		20.47			
10	16QAM	25	0		20.57			
10	16QAM	25	12		20.44		21.5	0
10	16QAM	25	25		20.46			
10	16QAM	50	0		20.28			
10	64QAM	1	0		20.47			
10	64QAM	1	25		20.30		21.5	0
10	64QAM	1	49		20.23			
10	64QAM	25	0		19.66			
10	64QAM	25	12		19.50		20.5	1
10	64QAM	25	25		19.52			
10	64QAM	50	0		19.56			
10	256QAM	1	0		18.25			
10	256QAM	1	25		18.25		18.5	3
10	256QAM	1	49		18.06			
10	256QAM	25	0		18.01			
10	256QAM	25	12		17.86		18.5	3
10	256QAM	25	25		17.81			
10	256QAM	50	0		17.66			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	20.44	20.51	20.43		
5	QPSK	1	12	20.32	20.46	20.19	21.5	0
5	QPSK	1	24	20.33	20.33	20.24		
5	QPSK	12	0	20.33	20.31	20.31		
5	QPSK	12	7	20.14	20.17	20.13	21.5	0
5	QPSK	12	13	20.12	20.14	20.14		
5	QPSK	25	0	20.16	20.18	20.26		
5	16QAM	1	0	20.49	20.42	20.55		
5	16QAM	1	12	20.45	20.43	20.47	21.5	0
5	16QAM	1	24	20.39	20.36	20.39		
5	16QAM	12	0	20.51	20.51	20.53		
5	16QAM	12	7	20.36	20.40	20.40	21.5	0
5	16QAM	12	13	20.37	20.30	20.32		
5	16QAM	25	0	20.28	20.19	20.27		
5	64QAM	1	0	20.33	20.35	20.41		
5	64QAM	1	12	20.20	20.26	20.25	21.5	0
5	64QAM	1	24	20.15	20.19	20.12		
5	64QAM	12	0	19.58	19.56	19.56		
5	64QAM	12	7	19.43	19.43	19.43	20.5	1
5	64QAM	12	13	19.44	19.45	19.41		
5	64QAM	25	0	19.45	19.48	19.49		
5	256Q

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2586	2596	2610		
20	QPSK	1	0	21.68	21.76	21.51	22.4	0
20	QPSK	1	49	21.47	21.50	21.47		
20	QPSK	1	99	21.41	21.42	21.30		
20	QPSK	50	0	21.54	21.56	21.39	22.4	0
20	QPSK	50	24	21.45	21.54	21.48		
20	QPSK	50	50	21.34	21.36	21.34		
20	QPSK	100	0	21.44	21.53	21.38		
20	16QAM	1	0	21.52	21.66	21.49	22.4	0
20	16QAM	1	49	21.30	21.46	21.33		
20	16QAM	1	99	21.22	21.36	21.43		
20	16QAM	50	0	21.54	21.72	21.54	22.4	0
20	16QAM	50	24	21.51	21.56	21.51		
20	16QAM	50	50	21.50	21.50	21.45		
20	16QAM	100	0	21.53	21.67	21.56		
20	64QAM	1	0	21.62	21.60	21.60	22.4	0
20	64QAM	1	49	21.52	21.64	21.52		
20	64QAM	1	99	21.51	21.63	21.51		
20	64QAM	50	0	20.63	20.75	20.56	21.5	0.9
20	64QAM	50	24	20.49	20.58	20.59		
20	64QAM	50	50	20.45	20.51	20.54		
20	64QAM	100	0	20.52	20.58	20.48		
20	256QAM	1	0	18.57	18.78	18.59	19.5	2.9
20	256QAM	1	49	18.54	18.78	18.59		
20	256QAM	1	99	18.46	18.58	18.55		
20	256QAM	50	0	18.62	18.77	18.66	19.5	2.9
20	256QAM	50	24	18.56	18.62	18.54		
20	256QAM	50	50	18.45	18.56	18.46		
20	256QAM	100	0	18.61	18.72	18.59		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2596	2612.5		
15	QPSK	1	0	21.39	21.50	21.47	22.4	0
15	QPSK	1	37	21.23	21.32	21.33		
15	QPSK	1	74	21.25	21.34	21.22		
15	QPSK	36	0	21.31	21.51	21.37	22.4	0
15	QPSK	36	20	21.28	21.36	21.30		
15	QPSK	36	39	21.18	21.23	21.08		
15	QPSK	75	0	21.25	21.48	21.32		
15	16QAM	1	0	21.45	21.45	21.25	22.4	0
15	16QAM	1	37	21.27	21.21	21.41		
15	16QAM	1	74	21.15	21.30	21.16		
15	16QAM	36	0	21.40	21.61	21.41	22.4	0
15	16QAM	36	20	21.40	21.42	21.41		
15	16QAM	36	39	21.36	21.38	21.36		
15	16QAM	75	0	21.48	21.58	21.41		
15	64QAM	1	0	21.52	21.63	21.46	22.4	0
15	64QAM	1	37	21.38	21.61	21.44		
15	64QAM	1	74	21.41	21.49	21.44		
15	64QAM	36	0	20.55	20.69	20.52	21.5	0.9
15	64QAM	36	20	20.45	20.47	20.45		
15	64QAM	36	39	20.39	20.39	20.47		
15	64QAM	75	0	20.48	20.48	20.43		
15	256QAM	1	0	18.45	18.70	18.53	19.5	2.9
15	256QAM	1	37	18.48	18.66	18.51		
15	256QAM	1	74	18.39	18.44	18.47		
15	256QAM	36	0	18.58	18.72	18.59	19.5	2.9
15	256QAM	36	20	18.50	18.51	18.44		
15	256QAM	36	39	18.33	18.46	18.43		
15	256QAM	75	0	18.50	18.64	18.47		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	21.53	21.44	21.36	22.4	0
10	QPSK	1	25	21.39	21.30	21.40		
10	QPSK	1	49	21.33	21.27	21.18		
10	QPSK	25	0	21.26	21.44	21.29	22.4	0
10	QPSK	25	12	21.39	21.25	21.19		
10	QPSK	25	25	21.23	21.44	21.03		
10	QPSK	50	0	21.33	21.48	21.31		
10	16QAM	1	0	21.33	21.51	21.40	22.4	0
10	16QAM	1	25	21.34	21.33	21.27		
10	16QAM	1	49	21.04	21.29	21.37		
10	16QAM	25	0	21.41	21.64	21.44	22.4	0
10	16QAM	25	12	21.43	21.41	21.44		
10	16QAM	25	25	21.44	21.40	21.35		
10	16QAM	50	0	21.42	21.62	21.45		
10	64QAM	1	0	21.58	21.66	21.53	22.4	0
10	64QAM	1	25	21.38	21.55	21.43		
10	64QAM	1	49	21.36	21.49	21.44		
10	64QAM	25	0	20.54	20.66	20.51	21.5	0.9
10	64QAM	25	12	20.36	20.48	20.52		
10	64QAM	25	25	20.37	20.39	20.47		
10	64QAM	50	0	20.41	20.48	20.36		
10	256QAM	1	0	18.50	18.67	18.51	19.5	2.9
10	256QAM	1	25	18.50	18.72	18.45		
10	256QAM	1	49	18.34	18.51	18.45		
10	256QAM	25	0	18.51	18.67	18.57	19.5	2.9
10	256QAM	25	12	18.45	18.57	18.44		
10	256QAM	25	25	18.32	18.50	18.36		
10	256QAM	50	0	18.49	18.67	18.49		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2596	2617.5		
5	QPSK	1	0	21.60	21.48	21.49	22.4	0
5	QPSK	1	12	21.21	21.33	21.43		
5	QPSK	1	24	21.28	21.39	21.14		
5	QPSK	12	0	21.39	21.61	21.30	22.4	0
5	QPSK	12	7	21.35	21.46	21.41		
5	QPSK	12	13	21.36	21.31	21.23		
5	QPSK	25	0	21.30	21.37	21.17		
5	16QAM	1	0	21.36	21.51	21.41	22.4	0
5	16QAM	1	12	21.47	21.37	21.23		
5	16QAM	1	24	21.16	21.28	21.19		
5	16QAM	12	0	21.42	21.67	21.42	22.4	0
5	16QAM	12	7	21.40	21.41	21.39		
5	16QAM	12	13	21.38	21.37	21.31		
5	16QAM	25	0	21.39	21.59	21.44		
5	64QAM	1	0	21.48	21.73	21.50	22.4	0
5	64QAM	1	12	21.42	21.57	21.46		
5	64QAM	1	24	21.39	21.48	21.46		
5	64QAM	12	0	20.51	20.68	20.52	21.5	0.9
5	64QAM	12	7	20.42	20.54	20.55		
5	64QAM	12	13	20.40	20.40	20.44		
5	64QAM	25	0	20.40	20.50	20.44		
5	256QAM	1	0	18.53	18.74	18.53	19.5	2.9
5	256QAM	1	12	18.41	18.74	18.51		
5	256QAM	1	24	18.41	18.47	18.40		
5	256QAM	12	0	18.54	18.67	18.58	19.5	2.9
5	256QAM	12	7	18.50	18.49	18.48		
5	256QAM	12	13	18.39	18.43	18.41		
5	256QAM	25	0	18.46	18.61	18.48		

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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	21.50	21.31	21.65	21.56	21.37	22.4	0
20	QPSK	1	49	21.16	21.31	21.56	21.43	21.36		
20	QPSK	1	99	21.42	21.39	21.35	21.27	21.42		
20	QPSK	50	0	21.29	21.22	21.64	21.59	21.46	22.4	0
20	QPSK	50	24	21.41	21.28	21.27	21.24	21.27		
20	QPSK	50	50	21.28	21.22	21.40	21.34	21.25		
20	QPSK	100	0	21.26	21.06	21.32	20.93	21.41		
20	16QAM	1	0	21.28	21.32	21.33	21.37	21.35	22.4	0
20	16QAM	1	49	21.17	21.26	21.27	21.26	21.36		
20	16QAM	1	99	21.12	21.25	21.35	21.10	21.02		
20	16QAM	50	0	21.31	21.34	21.32	21.24	21.26	22.4	0
20	16QAM	50	24	21.17	21.21	21.17	21.24	21.16		
20	16QAM	50	50	21.03	21.09	21.18	21.22	21.02		
20	16QAM	100	0	21.24	21.19	21.35	21.12	21.42		
20	64QAM	1	0	21.24	21.23	21.39	21.35	21.22	22.4	0
20	64QAM	1	49	21.22	21.17	21.26	21.27	21.28		
20	64QAM	1	99	21.15	21.10	21.20	21.17	21.12		
20	64QAM	50	0	20.89	20.79	20.94	20.76	20.85	22	0.4
20	64QAM	50	24	20.72	20.68	20.77	20.79	20.66		
20	64QAM	50	50	20.62	20.70	20.75	20.73	20.60		
20	64QAM	100	0	20.73	20.84	20.87	20.81	20.83		
20	256QAM	1	0	18.90	18.83	18.99	18.85	18.91	20	2.4
20	256QAM	1	49	18.84	18.82	18.99	18.84	18.94		
20	256QAM	1	99	18.78	18.68	18.82	18.81	18.72		
20	256QAM	50	0	18.94	18.86	18.97	18.88	18.83	20	2.4
20	256QAM	50	24	18.66	18.80	18.80	18.80	18.69		
20	256QAM	50	50	18.62	18.75	18.76	18.72	18.61		
20	256QAM	100	0	18.97	18.86	19.01	18.90	18.93		
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	21.31	21.28	21.37	21.15	21.22	22.40	0
15	QPSK	1	37	21.15	21.28	21.20	21.35	21.29		
15	QPSK	1	74	21.15	21.05	21.06	21.12	21.04		
15	QPSK	36	0	21.31	21.33	21.24	21.06	21.32	22.4	0
15	QPSK	36	20	21.08	21.11	21.10	20.92	21.14		
15	QPSK	36	39	20.92	21.21	21.25	20.98	20.98		
15	QPSK	75	0	21.24	21.05	21.08	20.95	21.22		
15	16QAM	1	0	21.17	21.32	21.38	21.27	21.06	22.4	0
15	16QAM	1	37	21.29	21.05	21.02	21.01	21.08		
15	16QAM	1	74	21.19	20.90	21.20	21.09	20.96		
15	16QAM	36	0	21.22	21.15	21.36	21.15	21.22	22.4	0
15	16QAM	36	20	20.96	21.01	21.11	21.27	21.16		
15	16QAM	36	39	21.11	21.14	21.06	21.10	21.15		
15	16QAM	75	0	21.27	21.14	21.36	20.99	21.33		
15	64QAM	1	0	21.33	21.08	21.35	21.33	21.26	22.4	0
15	64QAM	1	37	21.17	21.22	21.23	21.28	21.03		
15	64QAM	1	74	20.90	21.02	21.19	21.22	21.03		
15	64QAM	36	0	20.82	20.70	20.79	20.62	20.74	22	0.4
15	64QAM	36	20	20.64	20.56	20.63	20.74	20.59		
15	64QAM	36	39	20.52	20.56	20.62	20.69	20.52		
15	64QAM	75	0	20.62	20.74	20.82	20.68	20.70		
15	256QAM	1	0	18.81	18.75	18.94	18.76	18.80	20	2.4
15	256QAM	1	37	18.79	18.76	18.90	18.81	18.79		
15	256QAM	1	74	18.66	18.61	18.70	18.70	18.59		
15	256QAM	36	0	18.88	18.72	18.85	18.77	18.72	20	2.4
15	256QAM	36	20	18.55	18.73	18.71	18.72	18.55		
15	256QAM	36	39	18.50	18.68	18.70	18.59	18.54		
15	256QAM	75	0	18.89	18.72	18.97	18.82	18.82		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	21.38	21.07	21.43	21.17	21.33	22.40	0
10	QPSK	1	25	21.06	21.18	21.42	21.28	21.09		
10	QPSK	1	49	20.98	21.11	21.09	21.03	21.02		
10	QPSK	25	0	21.28	21.15	21.13	21.03	21.00	22.4	0
10	QPSK	25	12	21.00	21.11	21.22	21.02	21.13		
10	QPSK	25	25	21.20	20.84	21.00	20.97	20.91		
10	QPSK	50	0	21.35	21.24	21.33	20.94	21.25		
10	16QAM	1	0	21.31	21.29	21.14	21.39	21.25	22.4	0
10	16QAM	1	25	21.06	21.01	21.28	21.26	21.21		
10	16QAM	1	49	20.94	21.19	21.25	21.03	21.09		
10	16QAM	25	0	21.15	21.25	21.37	21.08	21.33	22.4	0
10	16QAM	25	12	20.91	21.15	21.17	21.14	21.00		
10	16QAM	25	25	21.04	20.92	21.19	20.91	20.97		
10	16QAM	50	0	21.29	21.09	21.43	21.10	21.26		
10	64QAM	1	0	21.22	21.36	21.37	21.34	21.19	22.4	0
10	64QAM	1	25	21.07	21.12	21.15	21.21	21.12		
10	64QAM	1	49	21.18	21.07	21.01	21.04	20.97		
10	64QAM	25	0	20.80	20.67	20.80	20.66	20.72	22	0.4
10	64QAM	25	12	20.61	20.54	20.71	20.67	20.58		
10	64QAM	25	25	20.47	20.66	20.71	20.60	20.45		
10	64QAM	50	0	20.61	20.74	20.83	20.70	20.77		
10	256QAM	1	0	18.81	18.79	18.89	18.81	18.84	20	2.4
10	256QAM	1	25	18.75	18.79	18.84	18.76	18.86		
10	256QAM	1	49	18.65	18.56	18.74	18.69	18.59		
10	256QAM	25	0	18.88	18.77	18.86	18.81	18.71	20	2.4
10	256QAM	25	12	18.55	18.72	18.75	18.66	18.63		
10	256QAM	25	25	18.52	18.64	18.64	18.62	18.58		
10	256QAM	50	0	18.82	18.74	18.94	18.81	18.79		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	21.40	21.26	21.28	21.01	21.13	22.40	0
5	QPSK	1	12	21.24	21.07	21.21	21.30	21.10		
5	QPSK	1	24	21.16	20.96	21.06	21.14	21.01		
5	QPSK	12	0	21.17	21.04	21.13	21.20	21.08	22.4	0
5	QPSK	12	7	20.95	20.94	21.21	20.90	20.94		
5	QPSK	12	13	20.96	20.97	21.32	20.95	20.94		
5	QPSK	25	0	21.27	21.09	21.06	21.07	21.20		
5	16QAM	1	0	21.34	21.01	21.15	21.33	21.24	22.4	0
5	16QAM	1	12	21.17	20.99	21.24	21.03	21.11		
5	16QAM	1	24	21.22	20.99	21.22	20.87	21.08		
5	16QAM	12	0	21.32	21.20	21.39	21.15	21.13	22.4	0
5	16QAM	12	7	21.07	20.90	21.10	21.27	21.05		
5	16QAM	12	13	21.09	21.17	21.17	21.00	20.97		
5	16QAM	25	0	21.24	21.13	21.39	21.04	21.16		
5	64QAM	1	0	21.21	21.23	21.22	21.20	21.30	22.4	0
5	64QAM	1	12	21.04	21.08	21.34	21.25	21.02		
5	64QAM	1	24	21.09	21.07	21.24	21.20	21.16		
5	64QAM	12	0	20.76	20.67	20.88	20.71	20.74	22	0.4
5	64QAM	12	7	20.59	20.56	20.64	20.67	20.56		
5	64QAM	12	13	20.49	20.64	20.66	20.61	20.49		
5	64QAM	25	0	20.65	20.81	20.79	20.73	20.69		
5	256QAM	1	0	18.78	18.68	18.92	18.73	18.84	20	2.4
5	256QAM	1	12	18.74	18.75	18.95	18.70	18.91		
5	256QAM	1	24	18.71	18.62	18.68	18.77	18.67		
5	256QAM	12	0	18.89	18.77	18.92	18.73	18.72	20	2.4
5	256QAM	12	7	18.53	18.67	18.71	18.75	18.57		
5	256QAM	12	13	18.53	18.70	18.71	18.68	18.53		
5	256QAM	25	0	18.86	18.73	18.96	18.86	18.88		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	23.15	23.35	23.46	23.13	23.32		
20	QPSK	1	49	23.12	23.10	23.07	23.25	23.38	24	0
20	QPSK	1	99	22.97	23.11	23.18	23.10	23.34		
20	QPSK	50	0	23.04	23.22	23.24	23.05	23.19		
20	QPSK	50	24	23.07	23.10	23.18	22.89	23.11	24	0
20	QPSK	50	50	23.00	22.99	22.96	23.02	22.83		
20	QPSK	100	0	22.88	23.09	23.10	23.09	23.08		
20	16QAM	1	0	22.95	23.28	23.31	23.24	23.13		
20	16QAM	1	49	22.89	23.23	23.20	23.07	23.22	24	0
20	16QAM	1	99	23.02	23.09	23.23	23.02	23.11		
20	16QAM	50	0	22.94	22.98	23.13	23.22	22.99		
20	16QAM	50	24	22.85	23.04	23.05	22.99	23.00	24	0
20	16QAM	50	50	22.92	22.78	23.01	22.96	22.90		
20	16QAM	100	0	22.84	22.94	23.04	22.86	23.08		
20	64QAM	1	0	23.13	23.36	23.24	23.44	23.42		
20	64QAM	1	49	23.20	23.24	23.24	23.35	23.29	24	0
20	64QAM	1	99	23.19	23.45	23.45	23.28	23.20		
20	64QAM	50	0	22.92	22.94	23.13	23.01	22.96		
20	64QAM	50	24	22.81	22.92	22.94	22.96	22.99	24	0
20	64QAM	50	50	22.88	22.95	22.93	22.95	22.93		
20	64QAM	100	0	22.99	22.94	23.10	23.19	23.07		
20	256QAM	1	0	21.69	21.81	21.95	21.76	21.81		
20	256QAM	1	49	21.72	21.76	21.95	21.81	21.91	23	1
20	256QAM	1	99	21.62	21.68	21.73	21.75	21.64		
20	256QAM	50	0	21.55	21.58	21.74	21.63	21.67		
20	256QAM	50	24	21.39	21.53	21.59	21.50	21.52	23	1
20	256QAM	50	50	21.36	21.51	21.54	21.48	21.43		
20	256QAM	100	0	21.50	21.63	21.77	21.59	21.63		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	23.11	23.37	23.33	23.06	23.26		
15	QPSK	1	37	22.89	23.11	23.15	22.98	23.08	24.00	0
15	QPSK	1	74	22.92	23.19	23.19	23.02	23.07		
15	QPSK	36	0	23.02	23.16	23.06	23.07	23.27		
15	QPSK	36	20	22.83	22.95	22.95	23.09	22.92	24	0
15	QPSK	36	39	22.83	22.85	22.88	23.17	22.78		
15	QPSK	75	0	23.01	22.89	23.22	23.19	23.10		
15	16QAM	1	0	23.02	23.17	23.30	23.31	23.17		
15	16QAM	1	37	22.99	22.99	23.17	22.84	22.90	24	0
15	16QAM	1	74	22.89	23.07	22.95	22.94	22.89		
15	16QAM	36	0	22.76	22.85	23.12	22.99	23.04		
15	16QAM	36	20	22.74	22.79	23.06	22.88	22.81	24	0
15	16QAM	36	39	22.76	22.73	23.09	22.65	22.85		
15	16QAM	75	0	22.95	23.01	23.16	22.82	22.83		
15	64QAM	1	0	23.39	23.30	23.34	23.36	23.40		
15	64QAM	1	37	23.05	23.15	23.12	23.34	23.28	24	0
15	64QAM	1	74	22.99	23.18	23.22	23.18	23.21		
15	64QAM	36	0	22.80	22.93	22.94	22.97	22.87		
15	64QAM	36	20	22.76	22.87	22.89	22.90	22.74	24	0
15	64QAM	36	39	22.83	22.85	22.93	22.83	22.71		
15	64QAM	75	0	22.80	22.96	23.15	23.13	23.02		
15	256QAM	1	0	21.64	21.69	21.82	21.70	21.66		
15	256QAM	1	37	21.63	21.64	21.84	21.73	21.63	23	1
15	256QAM	1	74	21.48	21.61	21.62	21.60	21.52		
15	256QAM	36	0	21.50	21.54	21.68	21.59	21.61		
15	256QAM	36	20	21.31	21.44	21.51	21.46	21.38	23	1
15	256QAM	36	39	21.30	21.44	21.51	21.44	21.38		
15	256QAM	75	0	21.40	21.54	21.67	21.50	21.58		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	23.15	23.27	23.36	23.05	23.39		
10	QPSK	1	25	23.17	23.17	23.28	23.25	22.99	24.00	0
10	QPSK	1	49	22.99	22.99	23.18	22.94	23.18		
10	QPSK	25	0	23.16	23.06	23.12	23.16	23.18		
10	QPSK	25	12	22.92	22.83	23.12	22.94	22.99	24	0
10	QPSK	25	25	23.07	22.91	22.85	22.88	22.97		
10	QPSK	50	0	22.73	22.99	22.97	22.99	22.92		
10	16QAM	1	0	22.98	23.24	23.10	23.10	23.31		
10	16QAM	1	25	23.08	22.99	23.11	23.09	23.00	24	0
10	16QAM	1	49	23.05	22.83	23.02	23.01	22.82		
10	16QAM	25	0	22.64	23.04	23.14	23.04	23.04		
10	16QAM	25	12	22.67	22.72	22.84	22.80	22.92	24	0
10	16QAM	25	25	22.84	22.84	22.91	22.84	22.66		
10	16QAM	50	0	22.85	22.91	22.90	22.99	22.91		
10	64QAM	1	0	23.08	23.43	23.28	23.30	23.36		
10	64QAM	1	25	23.17	23.17	23.10	23.24	23.22	24	0
10	64QAM	1	49	23.11	23.18	23.16	23.12	23.30		
10	64QAM	25	0	22.95	23.03	22.99	22.95	23.08		
10	64QAM	25	12	22.79	22.84	22.91	22.98	22.88	24	0
10	64QAM	25	25	22.76	22.93	22.96	22.86	22.72		
10	64QAM	50	0	22.87	22.79	23.04	23.02	22.93		
10	256QAM	1	0	21.58	21.70	21.81	21.68	21.69		
10	256QAM	1	25	21.66	21.63	21.86	21.75	21.67	23	1
10	256QAM	1	49	21.48	21.64	21.69	21.69	21.56		
10	256QAM	25	0	21.43	21.50	21.61	21.60	21.56		
10	256QAM	25	12	21.25	21.42	21.47	21.37	21.46	23	1
10	256QAM	25	25	21.29	21.37	21.41	21.43	21.30		
10	256QAM	50	0	21.35	21.48	21.69	21.56	21.55		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	22.92	23.16	23.21	23.22	23.34		
5	QPSK	1	12	23.15	23.34	23.07	22.96	23.16	24.00	0
5	QPSK	1	24	23.08	23.14	23.27	22.92	23.13		
5	QPSK	12	0	22.98	23.33	23.26	22.93	23.12		
5	QPSK	12	7	22.91	22.85	22.83	23.07	23.05	24	0
5	QPSK	12	13	22.98	23.08	23.04	22.97	22.83		
5	QPSK	25	0	22.94	22.99	22.94	23.00	22.90		
5	16QAM	1	0	23.05	23.01	23.08	23.28	23.25		
5	16QAM	1	12	23.04	23.01	23.13	23.06	22.89	24	0
5	16QAM	1	24	22.78	23.08	23.24	22.94	23.06		
5	16QAM	12	0	22.85	22.91	23.00	22.89	22.91		
5	16QAM	12	7	22.90	22.78	22.92	22.87	22.89	24	0
5	16QAM	12	13	22.60	22.72	22.91	22.85	22.73		
5	16QAM	25	0	22.81	22.84	23.06	22.79	22.92		
5	64QAM	1	0	23.20	23.24	23.32	23.28	23.30		
5	64QAM	1	12	23.33	23.25	23.26	23.31	23.27	24	0
5	64QAM	1	24	23.23	23.06	23.19	23.02	23.24		
5	64QAM	12	0	22.78	22.88	22.98	22.74	23.03		
5	64QAM	12	7	22.85	22.96	22.91	22.92	22.83	24	0
5	64QAM	12	13	22.67	22.78	22.97	22.87	22.87		
5	64QAM	25	0	22.82	22.89	22.97	22.90	22.90		
5	256QAM	1	0	21.57	21.77	21.81	21.62	21.67		
5	256QAM	1	12	21.58	21.69	21.91	21.67	21.67	23	1
5	256QAM	1	24	21.54	21.59	21.64	21.71	21.55		
5	256QAM	12	0	21.43	21.47	21.69	21.59	21.64		
5	256QAM	12	7	21.35	21.41	21.49	21.38	21.41	23	1
5	256QAM	12	13	21.23	21.41	21.42	21.43	21.37		
5	256QAM	25	0	21.38	21.60	21.72	21.55	21.56		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3540	3609	3641	3690		
20	QPSK	1	0	20.19	20.51	20.47	20.43		
20	QPSK	1	49	20.17	20.43	20.35	20.30	21	0
20	QPSK	1	99	20.13	20.36	20.27	20.26		
20	QPSK	50	0	20.33	20.48	20.38	20.39		
20	QPSK	50	24	20.23	20.31	20.33	20.26	21	0
20	QPSK	50	50	20.24	20.32	20.19	20.23		
20	QPSK	100	0	20.26	20.42	20.24	20.31		
20	16QAM	1	0	20.28	20.43	20.26	20.32		
20	16QAM	1	49	20.23	20.23	20.25	20.11	21	0
20	16QAM	1	99	20.22	20.29	20.20	20.17		
20	16QAM	50	0	20.09	20.22	20.10	20.08		
20	16QAM	50	24	20.03	20.09	20.05	20.03	20.5	0.5
20	16QAM	50	50	19.91	20.00	19.93	19.90		
20	16QAM	100	0	20.04	20.18	20.06	20.04		
20	64QAM	1	0	20.05	20.16	20.07	20.04		
20	64QAM	1	49	19.92	20.03	19.92	19.93	20.5	0.5
20	64QAM	1	99	19.94	19.93	19.94	19.83		
20	64QAM	50	0	19.00	19.15	19.04	19.07		
20	64QAM	50	24	18.98	18.97	18.97	18.89	19.5	1.5
20	64QAM	50	50	18.90	18.97	18.88	18.87		
20	64QAM	100	0	18.82	18.98	18.91	18.92		
20	256QAM	1	0	16.91	17.07	16.92	16.95		
20	256QAM	1	49	16.82	17.07	16.83	16.95	17.5	3.5
20	256QAM	1	99	16.86	16.83	16.83	16.79		
20	256QAM	50	0	16.99	17.15	17.06	17.02		
20	256QAM	50	24	16.91	17.01	16.99	16.92	17.5	3.5
20	256QAM	50	50	16.92	16.99	16.91	16.94		
20	256QAM	100	0	17.08	17.22	17.03	17.17		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3537.5	3608	3642	3692.5		
15	QPSK	1	0	20.12	20.44	20.42	20.34		
15	QPSK	1	37	20.11	20.29	20.28	20.22	21	0
15	QPSK	1	74	20.03	20.27	20.24	20.19		
15	QPSK	36	0	20.21	20.45	20.25	20.31		
15	QPSK	36	20	20.16	20.22	20.21	20.12	21	0
15	QPSK	36	39	20.20	20.26	20.07	20.19		
15	QPSK	75	0	20.13	20.31	20.14	20.22		
15	16QAM	1	0	20.21	20.32	20.11	20.26		
15	16QAM	1	37	20.14	20.15	20.17	20.05	21	0
15	16QAM	1	74	20.07	20.22	20.14	20.07		
15	16QAM	36	0	20.05	20.12	20.02	19.98		
15	16QAM	36	20	19.99	20.03	19.97	19.96	20.5	0.5
15	16QAM	36	39	19.83	19.96	19.79	19.82		
15	16QAM	75	0	20.01	20.06	19.92	19.97		
15	64QAM	1	0	19.96	20.06	19.98	19.92		
15	64QAM	1	37	19.81	19.94	19.81	19.87	20.5	0.5
15	64QAM	1	74	19.90	19.89	19.81	19.72		
15	64QAM	36	0	18.86	19.11	18.97	18.93		
15	64QAM	36	20	18.85	18.93	18.89	18.85	19.5	1.5
15	64QAM	36	39	18.78	18.85	18.74	18.81		
15	64QAM	75	0	18.79	18.88	18.86	18.78		
15	256QAM	1	0	16.81	17.03	16.79	16.91		
15	256QAM	1	37	16.67	17.01	16.74	16.81	17.5	3.5
15	256QAM	1	74	16.77	16.68	16.73	16.73		
15	256QAM	36	0	16.90	17.03	17.02	16.91		
15	256QAM	36	20	16.87	16.94	16.95	16.87	17.5	3.5
15	256QAM	36	39	16.79	16.92	16.83	16.91		
15	256QAM	75	0	17.03	17.10	16.90	17.11		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3535	3607.5	3642.5	3695		
10	QPSK	1	0	20.11	20.48	20.43	20.31		
10	QPSK	1	25	20.07	20.37	20.25	20.20	21	0
10	QPSK	1	49	20.07	20.29	20.19	20.18		
10	QPSK	25	0	20.23	20.37	20.25	20.25		
10	QPSK	25	12	20.13	20.22	20.20	20.12	21	0
10	QPSK	25	25	20.17	20.24	20.05	20.14		
10	QPSK	50	0	20.15	20.27	20.15	20.25		
10	16QAM	1	0	20.16	20.35	20.19	20.27		
10	16QAM	1	25	20.18	20.13	20.21	19.98	21	0
10	16QAM	1	49	20.09	20.16	20.12	20.06		
10	16QAM	25	0	19.96	20.18	20.05	20.04		
10	16QAM	25	12	19.95	20.00	19.93	19.91	20.5	0.5
10	16QAM	25	25	19.84	19.89	19.87	19.81		
10	16QAM	50	0	19.99	20.10	20.01	19.90		
10	64QAM	1	0	19.99	20.12	19.99	20.00		
10	64QAM	1	25	19.86	19.92	19.87	19.88	20.5	0.5
10	64QAM	1	49	19.87	19.87	19.81	19.71		
10	64QAM	25	0	18.89	19.08	18.95	18.94		
10	64QAM	25	12	18.88	18.82	18.83	18.85	19.5	1.5
10	64QAM	25	25	18.76	18.88	18.75	18.84		
10	64QAM	50	0	18.69	18.94	18.80	18.84		
10	256QAM	1	0	16.82	16.96	16.84	16.87		
10	256QAM	1	25	16.77	16.93	16.77	16.81	17.5	3.5
10	256QAM	1	49	16.83	16.72	16.70	16.71		
10	256QAM	25	0	16.89	17.02	16.98	16.94		
10	256QAM	25	12	16.88	16.96	16.92	16.78	17.5	3.5
10	256QAM	25	25	16.79	16.86	16.81	16.81		
10	256QAM	50	0	16.98	17.17	16.89	17.05		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3532.5	3607	3643	3697.5		
5	QPSK	1	0	20.10	20.42	20.38	20.32		
5	QPSK	1	12	20.08	20.30	20.23	20.15	21	0
5	QPSK	1	24	20.05	20.29	20.16	20.13		
5	QPSK	12	0	20.20	20.35	20.34	20.31		
5	QPSK	12	7	20.16	20.17	20.22	20.21	21	0
5	QPSK	12	13	20.18	20.25	20.09	20.15		
5	QPSK	25	0	20.19	20.29	20.16	20.20		
5	16QAM	1	0	20.23	20.31	20.17	20.26		
5	16QAM	1	12	20.19	20.14	20.21	19.97	21	0
5	16QAM	1	24	20.16	20.15	20.17	20.02		
5	16QAM	12	0	20.01	20.08	19.96	20.00		
5	16QAM	12	7	19.91	20.05	19.94	19.93	20.5	0.5
5	16QAM	12	13	19.79	19.86	19.79	19.79		
5	16QAM	25	0	19.97	20.12	19.99	19.89		
5	64QAM	1	0	20.01	20.10	19.99	19.97		
5	64QAM	1	12	19.89	19.94	19.89	19.83	20.5	0.5
5	64QAM	1	24	19.80	19.85	19.87	19.69		
5	64QAM	12	0	18.95	19.03	18.99	18.99		
5	64QAM	12	7	18.92	18.82	18.89	18.82	19.5	1.5
5	64QAM	12	13	18.81	18.90	18.80	18.83		
5	64QAM	25	0	18.67	18.95	18.77	18.87		
5	256QAM	1	0	16.87	17.03	16.80	16.87		
5	256QAM	1	12	16.70	16.92	16.69	16.83	17.5	3.5
5	256QAM	1	24	16.73	16.76	16.73	16.71		
5	256QAM	12	0	16.94	17.02	16.92	16.94		
5	256QAM	12	7	16.84	16.93	16.85	16.85	17.5	3.5
5	256QAM	12	13	16.82	16.85	16.80	16.79		
5	256QAM	25	0	17.01	17.14	16.97	17.10		

S/N	GSN1900 Ant3								
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		29.56	29.66	29.63	30.50	20.56	20.66	20.63	21.50
GPRS 1 Tx slot		29.52	29.61	29.49	30.50	20.52	20.61	20.49	21.50
GPRS 2 Tx slots		27.05	27.12	26.97	28.00	21.05	21.12	20.97	22.00
GPRS 3 Tx slots		25.70	25.76	25.66	26.50	21.44	21.50	21.40	22.24
GPRS 4 Tx slots		23.54	23.57	23.46	24.50	20.54	20.57	20.46	21.50
EDGE 1 Tx slot		25.06	25.13	24.99	26.00	16.06	16.13	15.99	17.00
EDGE 2 Tx slots		23.33	23.43	23.40	24.50	17.33	17.43	17.40	18.50
EDGE 3 Tx slots		22.21	22.35	22.25	23.50	17.95	18.09	17.99	19.24
EDGE 4 Tx slots		20.13	20.18	20.06	21.00	17.13	17.18	17.06	18.00

WCDMA II Ant3						WCDMA IV Ant3			
Band		WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	22.96	23.03	23.00	24.00	22.84	22.97	22.91	24.00
3GPP Rel 99	RMC 12.2Kbps	23.05	23.09	23.02	24.00	22.89	23.03	22.84	24.00
3GPP Rel 6	HSDPA Subtest-1	21.95	22.14	22.11	23.00	21.91	22.04	22.04	23.00
3GPP Rel 6	HSDPA Subtest-2	22.04	22.17	21.92	23.00	21.93	22.07	21.84	23.00
3GPP Rel 6	HSDPA Subtest-3	21.64	21.58	21.57	22.50	21.59	21.49	21.44	22.50
3GPP Rel 6	HSDPA Subtest-4	21.48	21.66	21.60	22.50	21.43	21.59	21.50	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	22.06	22.17	21.98	23.00	21.95	22.09	21.95	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	21.99	22.13	22.18	23.00	21.91	22.07	22.07	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	21.37	21.57	21.48	22.50	21.26	21.46	21.34	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	21.43	21.56	21.44	22.50	21.29	21.45	21.31	22.50
3GPP Rel 6	HSUPA Subtest-1	22.08	22.31	21.97	23.00	22.04	22.24	21.94	23.00
3GPP Rel 6	HSUPA Subtest-2	20.23	20.14	20.17	21.00	20.20	20.09	20.04	21.00
3GPP Rel 6	HSUPA Subtest-3	21.20	21.06	21.03	22.00	21.10	20.98	20.99	22.00
3GPP Rel 6	HSUPA Subtest-4	19.98	20.25	20.22	21.00	19.84	20.19	20.08	21.00
3GPP Rel 6	HSUPA Subtest-5	22.03	22.04	21.94	23.00	21.90	21.90	21.89	23.00

Band 2 Default Ant3

BW [MHz]	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	22.65	22.72	22.70	24	0
20	QPSK	1	49	22.52	22.63	22.57		
20	QPSK	1	99	22.45	22.54	22.53		
20	QPSK	50	0	22.49	22.67	22.53		
20	QPSK	50	24	22.45	22.55	22.49	24	0
20	QPSK	50	50	22.38	22.47	22.38		
20	QPSK	100	0	22.45	22.60	22.41		
20	16QAM	1	0	22.40	22.58	22.46		
20	16QAM	1	49	22.36	22.45	22.41	24	0
20	16QAM	1	99	22.33	22.44	22.37		
20	16QAM	50	0	22.38	22.54	22.44		
20	16QAM	50	24	22.38	22.37	22.31	24	0
20	16QAM	50	50	22.32	22.39	22.31		
20	16QAM	100	0	22.38	22.49	22.32		
20	64QAM	1	0	22.29	22.47	22.31		
20	64QAM	1	49	22.29	22.29	22.29	24	0
20	64QAM	1	99	22.24	22.32	22.27		
20	64QAM	50	0	22.28	22.48	22.29		
20	64QAM	50	24	22.28	22.34	22.32	24	0
20	64QAM	50	50	22.26	22.34	22.29		
20	64QAM	100	0	22.42	22.46	22.38		
20	256QAM	1	0	19.47	19.63	19.48		
20	256QAM	1	49	19.51	19.63	19.45	21	3
20	256QAM	1	99	19.38	19.43	19.33		
20	256QAM	50	0	19.37	19.53	19.37		
20	256QAM	50	24	19.33	19.39	19.36	21	3
20	256QAM	50	50	19.25	19.35	19.32		
20	256QAM	100	0	19.43	19.63	19.49		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.60	22.68	22.61		
15	QPSK	1	37	22.42	22.58	22.49	24	0
15	QPSK	1	74	22.40	22.49	22.46		
15	QPSK	36	0	22.42	22.59	22.47		
15	QPSK	36	20	22.30	22.51	22.38	24	0
15	QPSK	36	39	22.31	22.39	22.29		
15	QPSK	75	0	22.34	22.50	22.34		
15	16QAM	1	0	22.30	22.53	22.42		
15	16QAM	1	37	22.24	22.41	22.29	24	0
15	16QAM	1	74	22.24	22.41	22.23		
15	16QAM	36	0	22.29	22.42	22.34		
15	16QAM	36	20	22.32	22.27	22.28	24	0
15	16QAM	36	39	22.27	22.28	22.24		
15	16QAM	75	0	22.26	22.44	22.27		
15	64QAM	1	0	22.17	22.37	22.21		
15	64QAM	1	37	22.22	22.17	22.16	24	0
15	64QAM	1	74	22.14	22.21	22.21		
15	64QAM	36	0	22.23	22.41	22.19		
15	64QAM	36	20	22.14	22.23	22.22	24	0
15	64QAM	36	39	22.20	22.30	22.17		
15	64QAM	75	0	22.28	22.34	22.29		
15	256QAM	1	0	19.35	19.58	19.38		
15	256QAM	1	37	19.39	19.50	19.40	21	3
15	256QAM	1	74	19.33	19.30	19.26		
15	256QAM	36	0	19.27	19.45	19.29		
15	256QAM	36	20	19.23	19.25	19.26	21	3
15	256QAM	36	39	19.14	19.23	19.20		
15	256QAM	75	0	19.39	19.51	19.42		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	22.60	22.61	22.60		
10	QPSK	1	25	22.46	22.54	22.50	24	0
10	QPSK	1	49	22.34	22.52	22.43		
10	QPSK	25	0	22.42	22.57	22.40		
10	QPSK	25	12	22.37	22.50	22.43	24	0
10	QPSK	25	25	22.27	22.33	22.27		
10	QPSK	50	0	22.30	22.49	22.32		
10	16QAM	1	0	22.28	22.49	22.37		
10	16QAM	1	25	22.24	22.33	22.30	24	0
10	16QAM	1	49	22.24	22.36	22.32		
10	16QAM	25	0	22.27	22.40	22.34		
10	16QAM	25	12	22.32	22.33	22.22	24	0
10	16QAM	25	25	22.21	22.35	22.25		
10	16QAM	50	0	22.25	22.36	22.26		
10	64QAM	1	0	22.21	22.43	22.16		
10	64QAM	1	25	22.17	22.15	22.16	24	0
10	64QAM	1	49	22.13	22.22	22.13		
10	64QAM	25	0	22.23	22.45	22.21		
10	64QAM	25	12	22.22	22.26	22.20	24	0
10	64QAM	25	25	22.20	22.29	22.20		
10	64QAM	50	0	22.37	22.34	22.25		
10	256QAM	1	0	19.36	19.58	19.41		
10	256QAM	1	25	19.38	19.57	19.34	21	3
10	256QAM	1	49	19.27	19.31	19.27		
10	256QAM	25	0	19.25	19.46	19.32		
10	256QAM	25	12	19.28	19.30	19.26	21	3
10	256QAM	25	25	19.14	19.28	19.19		
10	256QAM	50	0	19.33	19.54	19.39		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.62	22.67	22.64		
5	QPSK	1	12	22.39	22.54	22.46	24	0
5	QPSK	1	24	22.38	22.51	22.49		
5	QPSK	12	0	22.41	22.57	22.44		
5	QPSK	12	7	22.34	22.45	22.41	24	0
5	QPSK	12	13	22.30	22.39	22.33		
5	QPSK	25	0	22.34	22.52	22.32		
5	16QAM	1	0	22.31	22.45	22.33		
5	16QAM	1	12	22.31	22.42	22.28	24	0
5	16QAM	1	24	22.19	22.33	22.30		
5	16QAM	12	0	22.33	22.46	22.32		
5	16QAM	12	7	22.24	22.23	22.28	24	0
5	16QAM	12	13	22.23	22.28	22.20		
5	16QAM	25	0	22.29	22.46	22.23		
5	64QAM	1	0	22.20	22.41	22.32		
5	64QAM	1	12	22.17	22.25	22.20	24	0
5	64QAM	1	24	22.20	22.24	22.23		
5	64QAM	12	0	22.14	22.40	22.16		
5	64QAM	12	7	22.23	22.23	22.28	24	0
5	64QAM	12	13	22.14	22.20	22.15		
5	64QAM	25	0	22.37	22.38	22.27		
5	256QAM	1	0	19.37	19.50	19.39		
5	256QAM	1	12	19.43	19.52	19.42	21	3
5	256QAM	1	24	19.25	19.33	19.29		
5	256QAM	12	0	19.26	19.42	19.33		
5	256QAM	12	7	19.28	19.33	19.25	21	3
5	256QAM	12	13	19.13	19.29	19.28		
5	256QAM	25	0	19.29	19.59	19.46		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.51	22.66	22.60		
3	QPSK	1	8	22.37	22.51	22.45	24	0
3	QPSK	1	14	22.39	22.51	22.41		
3	QPSK	8	0	22.43	22.58	22.44		
3	QPSK	8	4	22.39	22.42	22.43	24	0
3	QPSK	8	7	22.35	22.33	22.34		
3	QPSK	15	0	22.34	22.46	22.32		
3	16QAM	1	0	22.32	22.53	22.41		
3	16QAM	1	8	22.26	22.36	22.33	24	0
3	16QAM	1	14	22.18	22.30	22.30		
3	16QAM	8	0	22.28	22.43	22.34		
3	16QAM	8	4	22.31	22.31	22.27	24	0
3	16QAM	8	7	22.22	22.27	22.23		
3	16QAM	15	0	22.34	22.44	22.28		
3	64QAM	1	0	22.23	22.40	22.20		
3	64QAM	1	8	22.22	22.18	22.21	24	0
3	64QAM	1	14	22.10	22.22	22.22		
3	64QAM	8	0	22.23	22.41	22.16		
3	64QAM	8	4	22.22	22.23	22.27	24	0
3	64QAM	8	7	22.14	22.26	22.16		
3	64QAM	15	0	22.35	22.38	22.26		
3	256QAM	1	0	19.42	19.56	19.35		
3	256QAM	1	8	19.37	19.55	19.37	21	3
3	256QAM	1	14	19.23	19.29	19.21		
3	256QAM	8	0	19.29	19.47	19.33		
3	256QAM	8	4	19.19	19.30	19.28	21	3
3	256QAM	8	7	19.21	19.30	19.25		
3	256QAM	15	0	19.36	19.59	19.36		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.61	22.61	22.66		
1.4	QPSK	1	3	22.40	22.57	22.43		
1.4	QPSK	1	5	22.33	22.53	22.46	24	0
1.4	QPSK	3	0	22.43	22.56	22.40		
1.4	QPSK	3	1	22.31	22.50	22.40		
1.4	QPSK	3	3	22.35	22.36	22.34		
1.4	QPSK	6	0	22.31	22.46	22.37	24	0
1.4	16QAM	1	0	22.29	22.54	22.36		
1.4	16QAM	1	3	22.28	22.41	22.36		
1.4	16QAM	1	5	22.21	22.37	22.30	24	0
1.4	16QAM	3	0	22.24	22.47	22.30		
1.4	16QAM	3	1	22.24	22.30	22.23		
1.4	16QAM	3	3	22.26	22.31	22.26		
1.4	16QAM	6	0	22.28	22.44	22.21	24	0
1.4	64QAM	1	0	22.19	22.36	22.26		
1.4	64QAM	1	3	22.24	22.16	22.18		
1.4	64QAM	1	5	22.19	22.20	22.20	24	0
1.4	64QAM	3	0	22.19	22.42	22.22		
1.4	64QAM	3	1	22.20	22.21	22.22		
1.4	64QAM	3	3	22.19	22.31	22.19		
1.4	64QAM	6	0	22.34	22.33	22.30	24	0
1.4	256QAM	1	0	19.34	19.57	19.40		
1.4	256QAM	1	3	19.46	19.50	19.31		
1.4	256QAM	1	5	19.34	19.40	19.27	21	3
1.4	256QAM	3	0	19.33	19.50	19.26		
1.4	256QAM	3	1	19.30	19.32	19.23		
1.4	256QAM	3	3	19.21	19.32	19.19		
1.4	256QAM	6	0	19.31	19.50	19.41	21	3

Band 4 Default Ant3

BW [MHz]	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	22.72	22.87	22.67	24	0
20	QPSK	1	49	22.61	22.78	22.53		
20	QPSK	1	99	22.54	22.73	22.53		
20	QPSK	50	0	22.67	22.81	22.72		
20	QPSK	50	24	22.60	22.62	22.66		
20	QPSK	50	50	22.52	22.60	22.56		
20	QPSK	100	0	22.57	22.72	22.60		
20	16QAM	1	0	22.66	22.83	22.66		
20	16QAM	1	49	22.56	22.67	22.60	24	0
20	16QAM	1	99	22.55	22.63	22.57		
20	16QAM	50	0	22.44	22.57	22.38		
20	16QAM	50	24	22.40	22.37	22.36	24	0
20	16QAM	50	50	22.26	22.38	22.28		
20	16QAM	100	0	22.45	22.59	22.39		
20	64QAM	1	0	22.50	22.61	22.43		
20	64QAM	1	49	22.42	22.48	22.45	24	0
20	64QAM	1	99	22.32	22.40	22.38		
20	64QAM	50	0	21.41	21.60	21.48		
20	64QAM	50	24	21.36	21.47	21.36	23	1
20	64QAM	50	50	21.28	21.40	21.37		
20	64QAM	100	0	21.46	21.60	21.51		
20	256QAM	1	0	19.52	19.69	19.60		
20	256QAM	1	49	19.44	19.69	19.45	21	3
20	256QAM	1	99	19.40	19.44	19.50		
20	256QAM	50	0	19.56	19.67	19.56		
20	256QAM	50	24	19.43	19.53	19.45	21	3
20	256QAM	50	50	19.38	19.42	19.38		
20	256QAM	100	0	19.41	19.63	19.53		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.68	22.83	22.64		
15	QPSK	1	37	22.52	22.70	22.46	24	0
15	QPSK	1	74	22.41	22.59	22.40		
15	QPSK	36	0	22.54	22.75	22.58		
15	QPSK	36	20	22.47	22.56	22.55	24	0
15	QPSK	36	39	22.40	22.49	22.44		
15	QPSK	75	0	22.51	22.69	22.57		
15	16QAM	1	0	22.61	22.79	22.53		
15	16QAM	1	37	22.52	22.54	22.52	24	0
15	16QAM	1	74	22.43	22.49	22.46		
15	16QAM	36	0	22.38	22.53	22.29		
15	16QAM	36	20	22.34	22.30	22.22	24	0
15	16QAM	36	39	22.17	22.25	22.15		
15	16QAM	75	0	22.40	22.44	22.33		
15	64QAM	1	0	22.39	22.54	22.33		
15	64QAM	1	37	22.32	22.42	22.41	24	0
15	64QAM	1	74	22.22	22.26	22.25		
15	64QAM	36	0	21.27	21.47	21.42		
15	64QAM	36	20	21.26	21.39	21.30	23	1
15	64QAM	36	39	21.19	21.34	21.25		
15	64QAM	75	0	21.36	21.53	21.48		
15	256QAM	1	0	19.45	19.58	19.46		
15	256QAM	1	37	19.39	19.64	19.42	21	3
15	256QAM	1	74	19.28	19.37	19.40		
15	256QAM	36	0	19.45	19.55	19.44		
15	256QAM	36	20	19.32	19.50	19.37	21	3
15	256QAM	36	39	19.23	19.29	19.28		
15	256QAM	75	0	19.30	19.55	19.47		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.67	22.78	22.56	24	0
10	QPSK	1	25	22.55	22.72	22.43		
10	QPSK	1	49	22.48	22.66	22.43		
10	QPSK	25	0	22.62	22.70	22.64		
10	QPSK	25	12	22.54	22.49	22.59	24	0
10	QPSK	25	25	22.39	22.47	22.46		
10	QPSK	50	0	22.48	22.63	22.45		
10	16QAM	1	0	22.58	22.76	22.63		
10	16QAM	1	25	22.54	22.58	22.49	24	0
10	16QAM	1	49	22.47	22.54	22.46		
10	16QAM	25	0	22.40	22.45	22.33		
10	16QAM	25	12	22.30	22.29	22.30	24	0
10	16QAM	25	25	22.13	22.31	22.19		
10	16QAM	50	0	22.42	22.51	22.35		
10	64QAM	1	0	22.43	22.50	22.34		
10	64QAM	1	25	22.32	22.34	22.41	24	0
10	64QAM	1	49	22.21	22.27	22.29		
10	64QAM	25	0	21.34	21.48	21.35		
10	64QAM	25	12	21.30	21.37	21.30	23	1
10	64QAM	25	25	21.16	21.30	21.30		
10	64QAM	50	0	21.34	21.48	21.42		
10	256QAM	1	0	19.46	19.64	19.55		
10	256QAM	1	25	19.31	19.58	19.33	21	3
10	256QAM	1	49	19.32	19.34	19.44		
10	256QAM	25	0	19.50	19.62	19.44		
10	256QAM	25	12	19.38	19.46	19.34	21	3
10	256QAM	25	25	19.30	19.29	19.31		
10	256QAM	50	0	19.36	19.52	19.44		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.62	22.73	22.55	24	0
5	QPSK	1	12	22.49	22.69	22.39		
5	QPSK	1	24	22.45	22.66	22.40		
5	QPSK	12	0	22.56	22.74	22.62		
5	QPSK	12	7	22.57	22.59	22.59	24	0
5	QPSK	12	13	22.42	22.48	22.48		
5	QPSK	25	0	22.47	22.61	22.54		
5	16QAM	1	0	22.54	22.79	22.62		
5	16QAM	1	12	22.59	22.51	22.49	24	0
5	16QAM	1	24	22.51	22.54	22.44		
5	16QAM	12	0	22.37	22.54	22.34		
5	16QAM	12	7	22.26	22.22	22.29	24	0
5	16QAM	12	13	22.22	22.29	22.15		
5	16QAM	25	0	22.39	22.49	22.35		
5	64QAM	1	0	22.37	22.53	22.37		
5	64QAM	1	12	22.36	22.41	22.40	24	0
5	64QAM	1	24	22.23	22.26	22.34		
5	64QAM	12	0	21.27	21.51	21.42		
5	64QAM	12	7	21.24	21.39	21.22	23	1
5	64QAM	12	13	21.24	21.27	21.33		
5	64QAM	25	0	21.37	21.45	21.44		
5	256QAM	1	0	19.38	19.65	19.51		
5	256QAM	1	12	19.36	19.54	19.35	21	3
5	256QAM	1	24	19.35	19.35	19.46		
5	256QAM	12	0	19.49	19.53	19.43		
5	256QAM	12	7	19.33	19.40	19.30	21	3
5	256QAM	12	13	19.32	19.33	19.30		
5	256QAM	25	0	19.31	19.52	19.43		
Channel				19950	20175	20400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.61	22.73	22.52	24	0
3	QPSK	1	8	22.53	22.69	22.43		
3	QPSK	1	14	22.50	22.66	22.45		
3	QPSK	8	0	22.55	22.67	22.58		
3	QPSK	8	4	22.49	22.56	22.54	24	0
3	QPSK	8	7	22.42	22.51	22.47		
3	QPSK	15	0	22.48	22.68	22.56		
3	16QAM	1	0	22.53	22.68	22.56		
3	16QAM	1	8	22.64	22.58	22.54	24	0
3	16QAM	1	14	22.41	22.58	22.47		
3	16QAM	8	0	22.40	22.53	22.27		
3	16QAM	8	4	22.37	22.24	22.29	24	0
3	16QAM	8	7	22.17	22.30	22.17		
3	16QAM	15	0	22.41	22.50	22.25		
3	64QAM	1	0	22.43	22.57	22.31		
3	64QAM	1	8	22.32	22.41	22.33	24	0
3	64QAM	1	14	22.19	22.30	22.25		
3	64QAM	8	0	21.37	21.56	21.43		
3	64QAM	8	4	21.22	21.37	21.30	23	1
3	64QAM	8	7	21.18	21.27	21.26		
3	64QAM	15	0	21.32	21.50	21.41		
3	256QAM	1	0	19.43	19.63	19.52		
3	256QAM	1	8	19.32	19.64	19.35	21	3
3	256QAM	1	14	19.27	19.36	19.41		
3	256QAM	8	0	19.44	19.57	19.42		
3	256QAM	8	4	19.31	19.41	19.36	21	3
3	256QAM	8	7	19.31	19.33	19.25		
3	256QAM	15	0	19.35	19.59	19.47		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.58	22.82	22.57		
1.4	QPSK	1	3	22.57	22.73	22.49		
1.4	QPSK	1	5	22.48	22.67	22.46	24	0
1.4	QPSK	3	0	22.58	22.70	22.59		
1.4	QPSK	3	1	22.45	22.49	22.55		
1.4	QPSK	3	3	22.47	22.45	22.43		
1.4	QPSK	6	0	22.50	22.58	22.52	24	0
1.4	16QAM	1	0	22.53	22.73	22.56		
1.4	16QAM	1	3	22.55	22.50	22.51		
1.4	16QAM	1	5	22.49	22.56	22.49	24	0
1.4	16QAM	3	0	22.32	22.43	22.31		
1.4	16QAM	3	1	22.25	22.22	22.29		
1.4	16QAM	3	3	22.18	22.25	22.20		
1.4	16QAM	6	0	22.37	22.46	22.30	24	0
1.4	64QAM	1	0	22.35	22.53	22.29		
1.4	64QAM	1	3	22.37	22.38	22.34		
1.4	64QAM	1	5	22.24	22.25	22.29	24	0
1.4	64QAM	3	0	22.32	22.32	22.23		
1.4	64QAM	3	1	22.36	22.22	22.30		
1.4	64QAM	3	3	22.13	22.31	22.20		
1.4	64QAM	6	0	21.31	21.45	21.33	23	1
1.4	256QAM	1	0	19.38	19.55	19.47		
1.4	256QAM	1	3	19.33	19.66	19.33		
1.4	256QAM	1	5	19.31	19.37	19.39	21	3
1.4	256QAM	3	0	19.47	19.56	19.45		
1.4	256QAM	3	1	19.38	19.44	19.35		
1.4	256QAM	3	3	19.28	19.29	19.32		
1.4	256QAM	6	0	19.30	19.48	19.44	21	3

Band 7 Default Ant3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	22.98	23.05	22.93	24	0
20	QPSK	1	49	22.83	22.90	22.85		
20	QPSK	1	99	22.76	22.85	22.79		
20	QPSK	50	0	22.86	22.97	22.91		
20	QPSK	50	24	22.74	22.80	22.69	24	0
20	QPSK	50	50	22.69	22.69	22.67		
20	QPSK	100	0	22.84	22.90	22.87		
20	16QAM	1	0	22.84	22.86	22.78		
20	16QAM	1	49	22.78	22.78	22.73	24	0
20	16QAM	1	99	22.73	22.79	22.70		
20	16QAM	50	0	22.68	22.81	22.62		
20	16QAM	50	24	22.54	22.64	22.58	23.5	0.5
20	16QAM	50	50	22.58	22.66	22.59		
20	16QAM	100	0	22.64	22.78	22.65		
20	64QAM	1

Band 25 Default Ant3

BW [MHz]	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	22.60	22.76	22.72	24	0
20	QPSK	1	49	22.49	22.60	22.54		
20	QPSK	1	99	22.36	22.55	22.55		
20	QPSK	50	0	22.50	22.66	22.47	24	0
20	QPSK	50	24	22.39	22.50	22.47		
20	QPSK	50	50	22.39	22.49	22.45		
20	QPSK	100	0	22.49	22.62	22.53		
20	16QAM	1	0	22.42	22.59	22.47	24	0
20	16QAM	1	49	22.36	22.42	22.38		
20	16QAM	1	99	22.39	22.44	22.38		
20	16QAM	50	0	22.37	22.56	22.37	24	0
20	16QAM	50	24	22.40	22.46	22.42		
20	16QAM	50	50	22.34	22.36	22.34		
20	16QAM	100	0	22.47	22.61	22.46		
20	64QAM	1	0	22.39	22.55	22.46	24	0
20	64QAM	1	49	22.35	22.40	22.32		
20	64QAM	1	99	22.28	22.33	22.28		
20	64QAM	50	0	21.45	21.56	21.45	23	1
20	64QAM	50	24	21.38	21.38	21.36		
20	64QAM	50	50	21.26	21.33	21.34		
20	64QAM	100	0	21.59	21.64	21.57		
20	256QAM	1	0	19.51	19.65	19.52	21	3
20	256QAM	1	49	19.43	19.65	19.47		
20	256QAM	1	99	19.44	19.42	19.40		
20	256QAM	50	0	19.45	19.63	19.53	21	3
20	256QAM	50	24	19.38	19.46	19.41		
20	256QAM	50	50	19.42	19.40	19.39		
20	256QAM	100	0	19.44	19.66	19.54		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	22.50	22.69	22.65	24	0
15	QPSK	1	37	22.45	22.55	22.47		
15	QPSK	1	74	22.27	22.48	22.42		
15	QPSK	36	0	22.38	22.62	22.37	24	0
15	QPSK	36	20	22.30	22.37	22.41		
15	QPSK	36	39	22.35	22.43	22.42		
15	QPSK	75	0	22.44	22.55	22.41		
15	16QAM	1	0	22.36	22.51	22.34	24	0
15	16QAM	1	37	22.25	22.39	22.31		
15	16QAM	1	74	22.26	22.36	22.30		
15	16QAM	36	0	22.26	22.53	22.29	24	0
15	16QAM	36	20	22.32	22.33	22.33		
15	16QAM	36	39	22.31	22.30	22.31		
15	16QAM	75	0	22.34	22.58	22.43		
15	64QAM	1	0	22.30	22.42	22.36	24	0
15	64QAM	1	37	22.23	22.37	22.22		
15	64QAM	1	74	22.22	22.24	22.13		
15	64QAM	36	0	21.34	21.52	21.34	23	1
15	64QAM	36	20	21.31	21.25	21.30		
15	64QAM	36	39	21.18	21.18	21.24		
15	64QAM	75	0	21.52	21.58	21.54		
15	256QAM	1	0	19.37	19.53	19.38	21	3
15	256QAM	1	37	19.40	19.61	19.37		
15	256QAM	1	74	19.30	19.38	19.36		
15	256QAM	36	0	19.35	19.53	19.41	21	3
15	256QAM	36	20	19.29	19.43	19.29		
15	256QAM	36	39	19.34	19.35	19.26		
15	256QAM	75	0	19.32	19.53	19.40		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	22.50	22.63	22.58	24	0
10	QPSK	1	25	22.35	22.52	22.44		
10	QPSK	1	49	22.26	22.47	22.47		
10	QPSK	25	0	22.37	22.61	22.43	24	0
10	QPSK	25	12	22.26	22.37	22.40		
10	QPSK	25	25	22.30	22.35	22.38		
10	QPSK	50	0	22.38	22.48	22.43		
10	16QAM	1	0	22.39	22.45	22.36	24	0
10	16QAM	1	25	22.25	22.37	22.29		
10	16QAM	1	49	22.24	22.30	22.33		
10	16QAM	25	0	22.34	22.52	22.28	24	0
10	16QAM	25	12	22.26	22.36	22.38		
10	16QAM	25	25	22.26	22.24	22.29		
10	16QAM	50	0	22.33	22.52	22.34		
10	64QAM	1	0	22.30	22.42	22.33	24	0
10	64QAM	1	25	22.23	22.30	22.21		
10	64QAM	1	49	22.15	22.23	22.14		
10	64QAM	25	0	21.37	21.45	21.35	23	1
10	64QAM	25	12	21.34	21.34	21.29		
10	64QAM	25	25	21.22	21.20	21.25		
10	64QAM	50	0	21.54	21.54	21.44		
10	256QAM	1	0	19.48	19.55	19.43	21	3
10	256QAM	1	25	19.39	19.59	19.44		
10	256QAM	1	49	19.35	19.35	19.35		
10	256QAM	25	0	19.32	19.53	19.48	21	3
10	256QAM	25	12	19.32	19.32	19.33		
10	256QAM	25	25	19.37	19.28	19.25		
10	256QAM	50	0	19.41	19.53	19.47		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	22.50	22.67	22.65	24	0
5	QPSK	1	12	22.42	22.57	22.40		
5	QPSK	1	24	22.25	22.46	22.41		
5	QPSK	12	0	22.45	22.62	22.44	24	0
5	QPSK	12	7	22.30	22.46	22.38		
5	QPSK	12	13	22.26	22.44	22.38		
5	QPSK	25	0	22.45	22.49	22.40		
5	16QAM	1	0	22.29	22.48	22.40	24	0
5	16QAM	1	12	22.32	22.29	22.24		
5	16QAM	1	24	22.28	22.40	22.28		
5	16QAM	12	0	22.24	22.45	22.23	24	0
5	16QAM	12	7	22.33	22.39	22.36		
5	16QAM	12	13	22.26	22.26	22.20		
5	16QAM	25	0	22.36	22.49	22.35		
5	64QAM	1	0	22.32	22.47	22.42	24	0
5	64QAM	1	12	22.28	22.34	22.17		
5	64QAM	1	24	22.14	22.24	22.25		
5	64QAM	12	0	21.34	21.47	21.36	23	1
5	64QAM	12	7	21.28	21.24	21.29		
5	64QAM	12	13	21.12	21.27	21.24		
5	64QAM	25	0	21.46	21.59	21.49		
5	256QAM	1	0	19.47	19.57	19.38	21	3
5	256QAM	1	12	19.38	19.52	19.33		
5	256QAM	1	24	19.31	19.30	19.28		
5	256QAM	12	0	19.37	19.58	19.42	21	3
5	256QAM	12	7	19.32	19.41	19.26		
5	256QAM	12	13	19.38	19.32	19.30		
5	256QAM	25	0	19.31	19.60	19.40		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	22.47	22.65	22.69	24	0
3	QPSK	1	8	22.45	22.55	22.44		
3	QPSK	1	14	22.28	22.45	22.42		
3	QPSK	8	0	22.36	22.61	22.39	24	0
3	QPSK	8	4	22.32	22.43	22.39		
3	QPSK	8	7	22.26	22.39	22.38		
3	QPSK	15	0	22.39	22.49	22.45		
3	16QAM	1	0	22.29	22.47	22.34	24	0
3	16QAM	1	8	22.25	22.35	22.25		
3	16QAM	1	14	22.32	22.40	22.33		
3	16QAM	8	0	22.32	22.42	22.22	24	0
3	16QAM	8	4	22.32	22.39	22.36		
3	16QAM	8	7	22.27	22.31	22.27		
3	16QAM	15	0	22.33	22.58	22.39		
3	64QAM	1	0	22.26	22.49	22.40	24	0
3	64QAM	1	8	22.22	22.25	22.28		
3	64QAM	1	14	22.24	22.27	22.16		
3	64QAM	8	0	21.34	21.46	21.30	23	1
3	64QAM	8	4	21.26	21.29	21.32		
3	64QAM	8	7	21.13	21.22	21.21		
3	64QAM	15	0	21.52	21.50	21.45		
3	256QAM	1	0	19.47	19.54	19.40	21	3
3	256QAM	1	8	19.37	19.61	19.37		
3	256QAM	1	14	19.39	19.30	19.27		
3	256QAM	8	0	19.37	19.53	19.50	21	3
3	256QAM	8	4	19.24	19.41	19.32		
3	256QAM	8	7	19.28	19.32	19.36		
3	256QAM	15	0	19.32	19.62	19.43		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	22.47	22.62	22.69	24	0
1.4	QPSK	1	3	22.41	22.56	22.47		
1.4	QPSK	1	5	22.23	22.44	22.48		
1.4	QPSK	3	0	22.40	22.63	22.41		
1.4	QPSK	3	1	22.29	22.38	22.36		
1.4	QPSK	3	3	22.35	22.43	22.38		
1.4	QPSK	6	0	22.40	22.49	22.48	24	0
1.4	16QAM	1	0	22.37	22.51	22.33	24	0
1.4	16QAM	1	3	22.25	22.36	22.33		
1.4	16QAM	1	5	22.27	22.33	22.24		
1.4	16QAM	3	0	22.26	22.45	22.26		
1.4	16QAM	3	1	22.31	22.38	22.35		
1.4	16QAM	3	3	22.29	22.29	22.24		
1.4	16QAM	6	0	22.41	22.46	22.38	24	0
1.4	64QAM	1	0	22.36	22.42	22.34	24	0
1.4	64QAM	1	3	22.22	22.32	22.19		
1.4	64QAM	1	5	22.23	22.22	22.14		
1.4	64QAM	3	0	22.25	22.32	22.26		
1.4	64QAM	3	1	22.34	22.57	22.38		
1.4	64QAM	3	3	22.28	22.44	22.32		
1.4	64QAM	6	0	21.54	21.51	21.52	23	1
1.4	256QAM	1	0	19.47	19.53	19.45	21	3
1.4	256QAM	1	3	19.40	19.57	19.35		
1.4	256QAM	1	5	19.32	19.38	19.34		
1.4	256QAM	3	0	19.36	19.52	19.48		
1.4	256QAM	3	1	19.34	19.33	19.27		
1.4	256QAM	3	3	19.35	19.31	19.31		
1.4	256QAM	6	0	19.34	19.58	19.40	21	3

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		22.95		24	0
10	QPSK	1	25		22.76			
10	QPSK	1	49		22.77			
10	QPSK	25	0		22.91		24	0
10	QPSK	25	12		22.80			
10	QPSK	25	25		22.69			
10	QPSK	50	0		22.84			
10	16QAM	1	0		22.80		24	0
10	16QAM	1	25		22.61			
10	16QAM	1	49		22.60			
10	16QAM	25	0		22.77		24	0
10	16QAM	25	12		22.66			
10	16QAM	25	25		22.59			
10	16QAM	50	0		22.71			
10	64QAM	1	0		22.79		24	0
10	64QAM	1	25		22.62			
10	64QAM	1	49		22.57			
10	64QAM	25	0		21.81		23	1
10	64QAM	25	12		21.69			
10	64QAM	25	25		21.58			
10	64QAM	50	0		21.67			
10	256QAM	1	0		19.84		21	3
10	256QAM	1	25		19.84			
10	256QAM	1	49		19.70			
10	256QAM	25	0		19.79		21	3
10	256QAM	25	12		19.66			
10	256QAM	25	25		19.57			
10	256QAM	50	0		19.79			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	22.84	22.91	22.87	24	0
5	QPSK	1	12	22.68	22.71	22.72		
5	QPSK	1	24	22.66	22.64	22.68		
5	QPSK	12	0	22.77	22.77	22.81	24	0
5	QPSK	12	7	22.71	22.76	22.70		
5	QPSK	12	13	22.63	22.59	22.64		
5	QPSK	25	0	22.78	22.77	22.78		
5	16QAM	1	0	22.74	22.68	22.66	24	0
5	16QAM	1	12	22.51	22.57	22.46		
5	16QAM	1	24	22.50	22.57	22.49		
5	16QAM	12	0	22.69	22.69	22.62	24	0
5	16QAM	12	7	22.57	22.58	22.52		
5	16QAM	12	13	22.48	22.53	22.55		
5	16QAM	25	0	22.66	22.64	22.59		
5	64QAM	1	0	22.68	22.73	22.74	24	0
5	64QAM	1	12	22.51	22.55	22.47		
5	64QAM	1	24	22.43	22.53	22.42		
5	64QAM	12	0	21.68	21.69	21.69	23	1
5	64QAM	12	7	21.65	21.61	21.64		
5	64QAM	12	13	21.53	21.52	21.43		
5	64QAM	25	0	21.62	21.57	21.63		
5	256QAM	1	0	19.74	19.76	19.75	21	3
5	256QAM	1	12	19.76	19.72	19.75		
5	256QAM	1	24	19.62	19.63	19.64		
5	256QAM	12	0	19.74	19.71	19.64	21	3
5	256QAM	12	7	19.58	19.54	19.58		
5	256QAM	12	13	19.50	19.46	19.47		
5	256QAM	25	0	19.70	19.69	19.67		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	22.72	22.89	22.83	24	0
20	QPSK	1	49	22.69	22.75	22.72		
20	QPSK	1	99	22.59	22.72	22.58		
20	QPSK	50	0	22.66	22.87	22.77	24	0
20	QPSK	50	24	22.63	22.77	22.74		
20	QPSK	50	50	22.58	22.64	22.67		
20	QPSK	100	0	22.70	22.83	22.74		
20	16QAM	1	0	22.64	22.80	22.65	24	0
20	16QAM	1	49	22.64	22.68	22.61		
20	16QAM	1	99	22.51	22.56	22.57		
20	16QAM	50	0	22.57	22.73	22.59	24	0
20	16QAM	50	24	22.53	22.62	22.53		
20	16QAM	50	50	22.47	22.58	22.46		
20	16QAM	100	0	22.50	22.67	22.57		
20	64QAM	1	0	22.47	22.62	22.52	24	0
20	64QAM	1	49	22.39	22.47	22.42		
20	64QAM	1	99	22.38	22.42	22.35		
20	64QAM	50	0	21.46	21.66	21.48	23	1
20	64QAM	50	24	21.46	21.51	21.47		
20	64QAM	50	50	21.37	21.49	21.46		
20	64QAM	100	0	21.67	21.68	21.60		
20	256QAM	1	0	19.58	19.75	19.61	21	3
20	256QAM	1	49	19.57	19.75	19.54		
20	256QAM	1	99	19.47	19.51	19.48		
20	256QAM	50	0	19.58	19.71	19.61	21	3
20	256QAM	50	24	19.56	19.61	19.46		
20	256QAM	50	50	19.46	19.53	19.50		
20	256QAM	100	0	19.45	19.64	19.54		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	22.65	22.84	22.71	24	0
15	QPSK	1	37	22.56	22.68	22.60		
15	QPSK	1	74	22.46	22.68	22.48		
15	QPSK	36	0	22.63	22.80	22.68	24	0
15	QPSK	36	20	22.55	22.67	22.64		
15	QPSK	36	39	22.44	22.58	22.56		
15	QPSK	75	0	22.57	22.75	22.60		
15	16QAM	1	0	22.58	22.76	22.58	24	0
15	16QAM	1	37	22.61	22.54	22.53		
15	16QAM	1	74	22.43	22.50	22.48		
15	16QAM	36	0	22.46	22.61	22.47	24	0
15	16QAM	36	20	22.44	22.58	22.40		
15	16QAM	36	39	22.33	22.47	22.38		
15	16QAM	75	0	22.37	22.61	22.48		
15	64QAM	1	0	22.34	22.55	22.43	24	0
15	64QAM	1	37	22.29	22.41	22.35		
15	64QAM	1	74	22.33	22.29	22.22		
15	64QAM	36	0	21.41	21.62	21.36	23	1
15	64QAM	36	20	21.36	21.39	21.40		
15	64QAM	36	39	21.29	21.40	21.35		
15	64QAM	75	0	21.54	21.62	21.57		
15	256QAM	1	0	19.49	19.67	19.56	21	3
15	256QAM	1	37	19.51	19.71	19.45		
15	256QAM	1	74	19.37	19.37	19.39		
15	256QAM	36	0	19.47	19.62	19.54	21	3
15	256QAM	36	20	19.43	19.54	19.36		
15	256QAM	36	39	19.38	19.48	19.37		
15	256QAM	75	0	19.40	19.50	19.45		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	22.63	22.79	22.74	24	0
10	QPSK	1	25	22.56	22.68	22.58		
10	QPSK	1	49	22.55	22.63	22.43		
10	QPSK	25	0	22.59	22.74	22.64	24	0
10	QPSK	25	12	22.51	22.72	22.69		
10	QPSK	25	25	22.50	22.61	22.62		
10	QPSK	50	0	22.66	22.69	22.68		
10	16QAM	1	0	22.58	22.72	22.50	24	0
10	16QAM	1	25	22.50	22.60	22.50		
10	16QAM	1	49	22.42	22.50	22.45		
10	16QAM	25	0	22.53	22.67	22.53	24	0
10	16QAM	25	12	22.45	22.50	22.43		
10	16QAM	25	25	22.43	22.48	22.37		
10	16QAM	50	0	22.36	22.59	22.44		
10	64QAM	1	0	22.37	22.47	22.40	24	0
10	64QAM	1	25	22.33	22.39	22.38		
10	64QAM	1	49	22.31	22.27	22.28		
10	64QAM	25	0	21.36	21.53	21.38	23	1
10	64QAM	25	12	21.37	21.45	21.35		
10	64QAM	25	25	21.24	21.43	21.33		
10	64QAM	50	0	21.58	21.63	21.53		
10	256QAM	1	0	19.45	19.68	19.49	21	3
10	256QAM	1	25	19.42	19.63	19.44		
10	256QAM	1	49	19.44	19.42	19.37		
10	256QAM	25	0	19.48	19.68	19.49	21	3
10	256QAM	25	12	19.44	19.53	19.42		
10	256QAM	25	25	19.38	19.44	19.41		
10	256QAM	50	0	19.32	19.52	19.42		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	22.67	22.81	22.76	24	0
5	QPSK	1	12	22.57	22.64	22.62		
5	QPSK	1	24	22.52	22.69	22.44		
5	QPSK	12	0	22.61	22.72	22.71	24	0
5	QPSK	12	7	22.50	22.69	22.66		
5	QPSK	12	13	22.43	22.55	22.57		
5	QPSK	25	0	22.59	22.70	22.63		
5	16QAM	1	0	22.55	22.70	22.59	24	0
5	16QAM	1	12	22.60	22.60	22.55		
5	16QAM	1	24	22.42	22.52	22.46		
5	16QAM	12	0	22.52	22.60	22.45	24	0
5	16QAM	12	7	22.49	22.52	22.41		
5	16QAM	12	13	22.33	22.51	22.41		
5	16QAM	25	0	22.45	22.60	22.46		
5	64QAM	1	0	22.44	22.51	22.39	24	0
5	64QAM	1	12	22.33	22.35	22.39		
5	64QAM	1	24	22.29	22.38	22.31		
5	64QAM	12	0	21.31	21.59	21.34	23	1
5	64QAM	12	7	21.40	21.42	21.34		
5	64QAM	12	13	21.26	21.45	21.43		
5	64QAM	25	0	21.55	21.58	21.50		
5	256QAM	1	0	19.52	19.64	19.54	21	3
5	256QAM	1	12	19.43	19.72	19.42		
5	256QAM	1	24	19.43	19.41	19.39		
5	256QAM	12	0	19.51	19.59	19.52	21	3
5	256QAM	12	7	19.50	19.53	19.34		
5	256QAM	12	13	19.40	19.39	19.44		
5	256QAM	25	0	19.37	19.57	19.44		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	22.62	22.85	22.70	24	0
3	QPSK	1	8	22.65	22.66	22.58		
3	QPSK	1	14	22.53	22.59	22.54		
3	QPSK	8	0	22.55	22.76	22.65	24	0
3	QPSK	8	4	22.58	22.62	22.60		
3	QPSK	8	7	22.52	22.56	22.58		
3	QPSK	15	0	22.55	22.74	22.68		
3	16QAM	1	0	22.57	22.69	22.61	24	0
3	16QAM	1	8	22.61	22.60	22.54		
3	16QAM	1	14	22.36	22.45	22.50		
3	16QAM	8	0	22.44	22.63	22.47	24	0
3	16QAM	8	4	22.48	22.49	22.48		
3	16QAM	8	7	22.38	22.50	22.42		
3	16QAM	15	0	22.36	22.63	22.48		
3	64QAM	1	0	22.43	22.53	22.42	24	0
3	64QAM	1	8	22.35	22.36	22.30		
3	64QAM	1	14	22.34	22.35	22.31		
3	64QAM	8	0	21.42	21.59	21.38	23	1
3	64QAM	8	4	21.41	21.36	21.34		
3	64QAM	8	7	21.25	21.34	21.37		
3	64QAM	15	0	21.55	21.59	21.48		
3	256QAM	1	0	19.54	19.67	19.54	21	3
3	256QAM	1	8	19.51	19.66	19.41		
3	256QAM	1	14	19.33	19.38	19.36		
3	256QAM	8	0	19.43	19.58	19.54	21	3
3	256QAM	8	4	19.43	19.49	19.34		
3	256QAM	8	7	19.39	19.46	19.39		
3	256QAM	15	0	19.32	19.54	19.41		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	22.67	22.74	22.79	24	0
1.4	QPSK	1	3	22.66	22.69	22.59		
1.4	QPSK	1	5	22.47	22.59	22.52		
1.4	QPSK	3	0	22.57	22.79	22.69		
1.4	QPSK	3	1	22.52	22.64	22.66		
1.4	QPSK	3	3	22.48	22.57	22.57		
1.4	QPSK	6	0	22.62	22.74	22.62	24	0
1.4	16QAM	1	0	22.58	22.66	22.55	24	0
1.4	16QAM	1	3	22.56	22.61	22.48		
1.4	16QAM	1	5	22.42	22.53	22.45		
1.4	16QAM	3	0	22.44	22.61	22.52		
1.4	16QAM	3	1	22.49	22.58	22.47		
1.4	16QAM	3	3	22.42	22.45	22.33		
1.4	16QAM	6	0	22.41	22.56	22.52	24	0
1.4	64QAM	1	0	22.41	22.58	22.47	24	0
1.4	64QAM	1	3	22.31	22.37	22.37		
1.4	64QAM	1	5	22.29	22.30	22.27		
1.4	64QAM	3	0	22.36	22.48	22.39		
1.4	64QAM	3	1	22.34	22.43	22.37		
1.4	64QAM	3	3	22.35	22.35	22.29		
1.4	64QAM	6	0	21.54	21.58	21.47	24	0
1.4	256QAM	1	0	19.49	19.70	19.52	21	3
1.4	256QAM	1	3	19.51	19.62	19.40		
1.4	256QAM	1	5	19.42	19.45	19.38		
1.4	256QAM	3	0	19.54	19.68	19.55		
1.4	256QAM	3	1	19.50	19.51	19.41		
1.4	256QAM	3	3	19.32	19.46	19.37		
1.4	256QAM	6	0	19.36	19.50	19.41	21	3

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2596	2610		
20	QPSK	1	0	22.37	22.40	22.32	23.7	0
20	QPSK	1	49	22.05	22.28	22.22		
20	QPSK	1	99	21.99	22.04	22.12		
20	QPSK	50	0	22.19	22.43	22.23	23.7	0
20	QPSK	50	24	21.96	22.14	22.13		
20	QPSK	50	50	22.00	22.22	22.04		
20	QPSK	100	0	22.09	22.19	22.17		
20	16QAM	1	0	21.91	22.05	22.01	23.7	0
20	16QAM	1	49	22.01	21.93	22.06		
20	16QAM	1	99	21.99	22.04	21.92		
20	16QAM	50	0	22.14	22.37	22.20	23.6	0.1
20	16QAM	50	24	22.04	22.19	22.02		
20	16QAM	50	50	21.92	21.99	22.07		
20	16QAM	100	0	22.37	22.40	22.21		
20	64QAM	1	0	22.14	22.15	22.22	23.6	0.1
20	64QAM	1	49	22.17	22.08	22.04		
20	64QAM	1	99	21.90	22.09	21.89		
20	64QAM	50	0	21.80	22.01	21.90	22.6	1.1
20	64QAM	50	24	21.82	21.90	21.80		
20	64QAM	50	50	21.72	21.86	21.78		
20	64QAM	100	0	21.97	22.01	21.91		
20	256QAM	1	0	19.81	20.02	19.87	20.6	3.1
20	256QAM	1	49	19.81	20.02	19.85		
20	256QAM	1	99	19.80	19.77	19.75		
20	256QAM	50	0	19.89	20.04	19.86	20.6	3.1
20	256QAM	50	24	19.89	19.85	19.91		
20	256QAM	50	50	19.82	19.85	19.77		
20	256QAM	100	0	20.01	20.13	19.99		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.26	22.26	22.22	23.7	0
15	QPSK	1	37	21.94	22.08	22.04		
15	QPSK	1	74	22.00	21.98	22.02		
15	QPSK	36	0	22.13	22.28	22.06	23.7	0
15	QPSK	36	20	21.89	22.13	22.13		
15	QPSK	36	39	21.80	22.06	21.82		
15	QPSK	75	0	21.96	22.08	22.03		
15	16QAM	1	0	21.83	21.94	21.96	23.7	0
15	16QAM	1	37	22.00	21.93	22.02		
15	16QAM	1	74	21.87	22.05	21.93		
15	16QAM	36	0	22.12	22.19	22.17	23.6	0.1
15	16QAM	36	20	21.86	22.18	21.86		
15	16QAM	36	39	21.88	21.97	21.85		
15	16QAM	75	0	22.33	22.40	22.06		
15	64QAM	1	0	22.03	22.00	22.08	23.6	0.1
15	64QAM	1	37	21.99	22.03	22.01		
15	64QAM	1	74	21.82	22.00	21.85		
15	64QAM	36	0	21.75	21.97	21.84	22.6	1.1
15	64QAM	36	20	21.67	21.81	21.67		
15	64QAM	36	39	21.64	21.71	21.73		
15	64QAM	75	0	21.83	21.95	21.76		
15	256QAM	1	0	19.75	19.95	19.75	20.6	3.1
15	256QAM	1	37	19.69	19.90	19.74		
15	256QAM	1	74	19.69	19.63	19.68		
15	256QAM	36	0	19.80	19.99	19.76	20.6	3.1
15	256QAM	36	20	19.82	19.73	19.76		
15	256QAM	36	39	19.77	19.77	19.66		
15	256QAM	75	0	19.93	20.09	19.85		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.25	22.26	22.30	23.7	0
10	QPSK	1	25	22.00	22.08	22.01		
10	QPSK	1	49	21.90	21.95	21.92		
10	QPSK	25	0	22.10	22.23	22.24	23.7	0
10	QPSK	25	12	21.85	22.04	21.95		
10	QPSK	25	25	21.80	22.13	21.89		
10	QPSK	50	0	21.88	22.03	21.99		
10	16QAM	1	0	21.85	21.83	21.84	23.7	0
10	16QAM	1	25	22.02	21.85	22.05		
10	16QAM	1	49	22.00	21.88	21.80		
10	16QAM	25	0	21.93	22.16	22.17	23.6	0.1
10	16QAM	25	12	22.04	22.09	22.00		
10	16QAM	25	25	21.73	22.01	21.88		
10	16QAM	50	0	22.25	22.40	22.18		
10	64QAM	1	0	22.09	22.01	22.14	23.6	0.1
10	64QAM	1	25	22.19	21.93	22.03		
10	64QAM	1	49	21.84	22.04	21.91		
10	64QAM	25	0	21.70	21.91	21.85	22.6	1.1
10	64QAM	25	12	21.76	21.81	21.67		
10	64QAM	25	25	21.64	21.75	21.64		
10	64QAM	50	0	21.86	21.91	21.88		
10	256QAM	1	0	19.73	19.91	19.75	20.6	3.1
10	256QAM	1	25	19.74	19.88	19.72		
10	256QAM	1	49	19.67	19.64	19.70		
10	256QAM	25	0	19.76	19.95	19.73	20.6	3.1
10	256QAM	25	12	19.85	19.70	19.82		
10	256QAM	25	25	19.78	19.81	19.66		
10	256QAM	50	0	19.94	20.05	19.85		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.18	22.22	22.30	23.7	0
5	QPSK	1	12	21.98	22.15	22.03		
5	QPSK	1	24	21.81	21.91	22.10		
5	QPSK	12	0	22.20	22.26	22.21	23.7	0
5	QPSK	12	7	21.86	21.94	22.07		
5	QPSK	12	13	21.84	22.22	22.03		
5	QPSK	25	0	22.01	22.11	22.10		
5	16QAM	1	0	21.80	21.95	21.81	23.7	0
5	16QAM	1	12	21.89	21.73	21.88		
5	16QAM	1	24	21.97	22.00	21.85		
5	16QAM	12	0	21.97	22.29	22.21	23.6	0.1
5	16QAM	12	7	21.86	22.01	22.02		
5	16QAM	12	13	21.79	21.84	21.92		
5	16QAM	25	0	22.17	22.40	22.07		
5	64QAM	1	0	21.94	21.97	22.19	23.6	0.1
5	64QAM	1	12	22.06	21.87	21.91		
5	64QAM	1	24	21.78	21.99	21.84		
5	64QAM	12	0	21.71	21.91	21.78	22.6	1.1
5	64QAM	12	7	21.71	21.80	21.66		
5	64QAM	12	13	21.59	21.78	21.73		
5	64QAM	25	0	21.85	21.96	21.78		
5	256QAM	1	0	19.67	19.99	19.81	20.6	3.1
5	256QAM	1	12	19.68	19.93	19.77		
5	256QAM	1	24	19.69	19.67	19.62		
5	256QAM	12	0	19.80	19.91	19.73	20.6	3.1
5	256QAM	12	7	19.75	19.76	19.84		
5	256QAM	12	13	19.79	19.76	19.70		
5	256QAM	25	0	19.88	20.05	19.88		

Band 41_Standalone FCC&IC Ant3

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)				2536	2549.5	2593	2636.5	2680		
20	QPSK	1	0	22.49	22.50	22.56	22.36	22.50	23.7	0
20	QPSK	1	49	22.34	22.38	22.55	22.36	22.39		
20	QPSK	1	99	22.32	22.35	22.38	22.28	22.30		
20	QPSK	50	0	22.40	22.29	22.41	22.25	22.33	23.1	0.6
20	QPSK	50	24	22.31	22.24	22.35	22.25	22.29		
20	QPSK	50	50	22.23	22.22	22.32	22.22	22.26		
20	QPSK	100	0	22.33	22.22	22.43	22.26	22.39		
20	16QAM	1	0	22.37	22.30	22.44	22.32	22.46	23.1	0.6
20	16QAM	1	49	22.30	22.24	22.28	22.17	22.19		
20	16QAM	1	99	22.25	22.17	22.34	22.22	22.21		
20	16QAM	50	0	21.57	21.51	21.65	21.51	21.52	22.1	1.6
20	16QAM	50	24	21.39	21.40	21.45	21.46	21.32		
20	16QAM	50	50	21.35	21.41	21.48	21.38	21.37		
20	16QAM	100	0	21.56	21.57	21.67	21.52	21.64		
20	64QAM	1	0	21.63	21.55	21.66	21.59	21.65	22.1	1.6
20	64QAM	1	49	21.50	21.50	21.57	21.53	21.55		
20	64QAM	1	99	21.44	21.46	21.58	21.36	21.50		
20	64QAM	50	0	20.84	20.70	20.86	20.77	20.73	21.1	2.6
20	64QAM	50	24	20.58	20.60	20.76	20.62	20.60		
20	64QAM	50	50	20.64	20.60	20.71	20.72	20.57		
20	64QAM	100	0	20.67	20.71	20.81	20.66	20.69		
20	256QAM	1	0	18.42	18.31	18.52	18.40	18.47	19.1	4.6
20	256QAM	1	49	18.38	18.35	18.52	18.31	18.41		
20	256QAM	1	99	18.22	18.31	18.28	18.31	18.14		
20	256QAM	50	0	18.61	18.48	18.66	18.50	18.54	19.1	4.6
20	256QAM	50	24	18.41	18.46	18.51	18.43	18.36		
20	256QAM	50	50	18.43	18.35	18.49	18.38	18.42		
20	256QAM	100	0	18.57	18.50	18.66	18.54	18.62		
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	22.47	22.47	22.51	22.24	22.42	23.70	0
15	QPSK	1	37	22.25	22.27	22.45	22.32	22.32		
15	QPSK	1	74	22.22	22.23	22.34	22.18	22.24		
15	QPSK	36	0	22.38	22.27	22.29	22.16	22.29	23.1	0.6
15	QPSK	36	20	22.25	22.14	22.28	22.17	22.17		
15	QPSK	36	39	22.18	22.19	22.21	22.18	22.17		
15	QPSK	75	0	22.22	22.10	22.34	22.13	22.37		
15	16QAM	1	0	22.26	22.18	22.36	22.19	22.32	23.1	0.6
15	16QAM	1	37	22.13	22.18	22.15	22.09	22.13		
15	16QAM	1	74	22.18	22.08	22.21	22.17	22.13		
15	16QAM	36	0	21.50	21.44	21.54	21.40	21.39	22.1	1.6
15	16QAM	36	20	21.27	21.36	21.33	21.40	21.19		
15	16QAM	36	39	21.22	21.35	21.33	21.23	21.29		
15	16QAM	75	0	21.53	21.51	21.53	21.41	21.50		
15	64QAM	1	0	21.55	21.40	21.52	21.55	21.59	22.1	1.6
15	64QAM	1	37	21.45	21.35	21.44	21.40	21.50		
15	64QAM	1	74	21.29	21.37	21.43	21.29	21.41		
15	64QAM	36	0	20.71	20.66	20.73	20.66	20.67	21.1	2.6
15	64QAM	36	20	20.53	20.55	20.67	20.59	20.48		
15	64QAM	36	39	20.60	20.50	20.59	20.64	20.51		
15	64QAM	75	0	20.64	20.57	20.76	20.59	20.58		
15	256QAM	1	0	18.32	18.18	18.40	18.26	18.34	19.1	4.6
15	256QAM	1	37	18.24	18.20	18.41	18.16	18.35		
15	256QAM	1	74	18.11	18.20	18.25	18.25	18.11		
15	256QAM	36	0	18.56	18.38	18.56	18.45	18.43	19.1	4.6
15	256QAM	36	20	18.37	18.32	18.42	18.30	18.22		
15	256QAM	36	39	18.28	18.23	18.37	18.24	18.30		
15	256QAM	75	0	18.45	18.45	18.53	18.43	18.56		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.39	22.37	22.50	22.23	22.41	23.70	0
10	QPSK	1	25	22.29	22.31	22.53	22.26	22.31		
10	QPSK	1	49	22.22	22.31	22.25	22.21	22.18		
10	QPSK	25	0	22.31	22.17	22.30	22.21	22.22	23.1	0.6
10	QPSK	25	12	22.19	22.17	22.28	22.20	22.21		
10	QPSK	25	25	22.15	22.13	22.19	22.14	22.13		
10	QPSK	50	0	22.29	22.19	22.33	22.15	22.28		
10	16QAM	1	0	22.29	22.16	22.32	22.22	22.32	23.1	0.6
10	16QAM	1	25	22.12	22.12	22.15	22.09	22.16		
10	16QAM	1	49	22.16	22.13	22.30	22.19	22.11		
10	16QAM	25	0	21.51	21.39	21.52	21.42	21.41	22.1	1.6
10	16QAM	25	12	21.33	21.36	21.31	21.37	21.18		
10	16QAM	25	25	21.27	21.32	21.37	21.25	21.22		
10	16QAM	50	0	21.51	21.50	21.60	21.45	21.49		
10	64QAM	1	0	21.57	21.40	21.52	21.45	21.59	22.1	1.6
10	64QAM	1	25	21.45	21.42	21.42	21.43	21.50		
10	64QAM	1	49	21.37	21.35	21.49	21.24	21.38		
10	64QAM	25	0	20.76	20.60	20.83	20.71	20.65	21.1	2.6
10	64QAM	25	12	20.47	20.56	20.67	20.58	20.57		
10	64QAM	25	25	20.53	20.49	20.59	20.60	20.54		
10	64QAM	50	0	20.58	20.63	20.69	20.54	20.56		
10	256QAM	1	0	18.35	18.27	18.38	18.36	18.35	19.1	4.6
10	256QAM	1	25	18.26	18.23	18.46	18.26	18.30		
10	256QAM	1	49	18.08	18.21	18.23	18.24	18.03		
10	256QAM	25	0	18.55	18.38	18.55	18.44	18.50	19.1	4.6
10	256QAM	25	12	18.32	18.42	18.37	18.39	18.29		
10	256QAM	25	25	18.30	18.31	18.41	18.25	18.36		
10	256QAM	50	0	18.52	18.39	18.62	18.45	18.58		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	22.40	22.44	22.49	22.26	22.43	23.70	0
5	QPSK	1	12	22.20	22.25	22.43	22.32	22.33		
5	QPSK	1	24	22.27	22.33	22.28	22.16	22.20	23.1	0.6
5	QPSK	12	0	22.26	22.22	22.33	22.12	22.20		
5	QPSK	12	7	22.28	22.13	22.32	22.21	22.21		
5	QPSK	12	13	22.19	22.15	22.22	22.10	22.24		
5	QPSK	25	0	22.25	22.09	22.33	22.18	22.37		
5	16QAM	1	0	22.27	22.25	22.33	22.28	22.38	23.1	0.6
5	16QAM	1	12	22.15	22.13	22.25	22.03	22.06		
5	16QAM	1	24	22.20	22.14	22.31	22.15	22.18		
5	16QAM	12	0	21.47	21.42	21.53	21.42	21.38	22.1	1.6
5	16QAM	12	7	21.27	21.33	21.40	21.41	21.24		
5	16QAM	12	13	21.20	21.33	21.36	21.26	21.31		
5	16QAM	25	0	21.44	21.45	21.55	21.44	21.51		
5	64QAM	1	0	21.48	21.44	21.55	21.53	21.55	22.1	1.6
5	64QAM	1	12	21.39	21.38	21.48	21.43	21.41		
5	64QAM	1	24	21.41	21.40	21.55	21.27	21.39		
5	64QAM	12	0	20.80	20.59	20.74	20.73	20.60	21.1	2.6
5	64QAM	12	7	20.49	20.54	20.68	20.54	20.46		
5	64QAM	12	13	20.49	20.51	20.57	20.65	20.45		
5	64QAM	25	0	20.59	20.59	20.76	20.57	20.60		
5	256QAM	1	0	18.36	18.24	18.40	18.27	18.44	19.1	4.6
5	256QAM	1	12	18.26	18.24	18.46	18.21	18.30		
5	256QAM	1	24	18.10	18.27	18.25	18.19	18.00		
5	256QAM	12	0	18.55	18.38	18.60	18.38	18.50	19.1	4.6
5	256QAM	12	7	18.27	18.37	18.44	18.31	18.24		
5	256QAM	12	13	18.33	18.21	18.38	18.34	18.35		
5	256QAM	25	0	18.47	18.38	18.54	18.49	18.48		

Band 41 PC2_Standalone FCC&IC Ant3

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	2548.5	2593	2636.5	2680		
20	QPSK	1	0	23.97	23.84	24.13	23.93	23.76		
20	QPSK	1	49	23.79	23.65	23.88	23.85	23.74	25.3	0
20	QPSK	1	99	23.70	23.66	23.98	23.90	23.73		
20	QPSK	50	0	23.58	23.61	23.74	23.64	23.52		
20	QPSK	50	24	23.52	23.47	23.64	23.62	23.45	25.3	0
20	QPSK	50	50	23.37	23.46	23.58	23.49	23.41		
20	QPSK	100	0	23.47	23.57	23.67	23.55	23.44		
20	16QAM	1	0	23.74	23.84	24.04	23.82	23.79		
20	16QAM	1	49	23.71	23.81	23.92	23.73	23.69	25.3	0
20	16QAM	1	99	23.62	23.69	23.77	23.71	23.59		
20	16QAM	50	0	23.55	23.61	23.78	23.60	23.59		
20	16QAM	50	24	23.49	23.54	23.65	23.50	23.45	25.3	0
20	16QAM	50	50	23.42	23.56	23.62	23.48	23.42		
20	16QAM	100	0	23.54	23.54	23.78	23.55	23.49		
20	64QAM	1	0	23.61	23.67	23.91	23.71	23.65		
20	64QAM	1	49	23.68	23.73	23.86	23.75	23.58	25.3	0
20	64QAM	1	99	23.46	23.64	23.63	23.66	23.46		
20	64QAM	50	0	23.75	23.87	23.92	23.79	23.70		
20	64QAM	50	24	23.66	23.79	23.82	23.71	23.62	25	0.3
20	64QAM	50	50	23.50	23.60	23.76	23.67	23.61		
20	64QAM	100	0	23.72	23.84	23.83	23.77	23.64		
20	256QAM	1	0	22.23	22.32	22.43	22.29	22.23		
20	256QAM	1	49	22.22	22.24	22.43	22.28	22.21	23	2.3
20	256QAM	1	99	22.06	22.12	22.21	22.21	22.17		
20	256QAM	50	0	22.11	22.12	22.25	22.15	22.07		
20	256QAM	50	24	22.05	22.08	22.06	22.12	22.09	23	2.3
20	256QAM	50	50	21.91	22.04	22.11	22.02	21.89		
20	256QAM	100	0	22.02	22.19	22.30	22.10	22.00		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	23.76	23.73	24.00	23.87	23.67		
15	QPSK	1	37	23.74	23.51	23.81	23.80	23.61	25	0
15	QPSK	1	74	23.60	23.55	23.87	23.81	23.61		
15	QPSK	36	0	23.49	23.57	23.63	23.58	23.48		
15	QPSK	36	20	23.48	23.35	23.50	23.59	23.38	25.3	0
15	QPSK	36	39	23.35	23.40	23.55	23.46	23.39		
15	QPSK	75	0	23.45	23.46	23.57	23.51	23.42		
15	16QAM	1	0	23.68	23.82	23.96	23.77	23.69		
15	16QAM	1	37	23.57	23.68	23.89	23.70	23.65	25.3	0
15	16QAM	1	74	23.51	23.61	23.83	23.62	23.47		
15	16QAM	36	0	23.51	23.53	23.68	23.55	23.49		
15	16QAM	36	20	23.41	23.47	23.56	23.42	23.33	25.3	0
15	16QAM	36	39	23.31	23.44	23.50	23.40	23.39		
15	16QAM	75	0	23.40	23.50	23.73	23.51	23.37		
15	64QAM	1	0	23.50	23.63	23.81	23.60	23.51		
15	64QAM	1	37	23.59	23.62	23.84	23.65	23.55	25.3	0
15	64QAM	1	74	23.36	23.52	23.52	23.58	23.35		
15	64QAM	36	0	23.67	23.77	23.90	23.76	23.67		
15	64QAM	36	20	23.55	23.68	23.79	23.63	23.54	25	0.3
15	64QAM	36	39	23.41	23.54	23.68	23.62	23.55		
15	64QAM	75	0	23.66	23.80	23.70	23.69	23.51		
15	256QAM	1	0	22.13	22.20	22.31	22.16	22.12		
15	256QAM	1	37	22.15	22.12	22.34	22.25	22.14	23	2.3
15	256QAM	1	74	22.00	22.09	22.18	22.16	22.06		
15	256QAM	36	0	21.97	22.00	22.17	22.11	21.93		
15	256QAM	36	20	21.94	22.05	21.98	22.06	22.05	23	2.3
15	256QAM	36	39	21.83	21.90	22.07	21.93	21.83		
15	256QAM	75	0	21.88	22.08	22.22	22.01	21.95		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	23.77	23.70	24.02	23.90	23.73		
10	QPSK	1	25	23.71	23.61	23.77	23.81	23.61	25	0
10	QPSK	1	49	23.59	23.54	23.89	23.86	23.70		
10	QPSK	25	0	23.49	23.51	23.69	23.51	23.43		
10	QPSK	25	12	23.42	23.44	23.54	23.59	23.35	25.3	0
10	QPSK	25	25	23.31	23.40	23.51	23.42	23.30		
10	QPSK	50	0	23.33	23.54	23.62	23.53	23.37		
10	16QAM	1	0	23.66	23.71	23.93	23.71	23.68		
10	16QAM	1	25	23.64	23.68	23.86	23.61	23.66	25.3	0
10	16QAM	1	49	23.56	23.60	23.70	23.57	23.48		
10	16QAM	25	0	23.41	23.47	23.72	23.54	23.51		
10	16QAM	25	12	23.44	23.43	23.54	23.36	23.33	25.3	0
10	16QAM	25	25	23.32	23.49	23.50	23.39	23.37		
10	16QAM	50	0	23.44	23.48	23.76	23.53	23.41		
10	64QAM	1	0	23.51	23.64	23.78	23.67	23.57		
10	64QAM	1	25	23.60	23.71	23.77	23.66	23.54	25.3	0
10	64QAM	1	49	23.35	23.55	23.49	23.63	23.42		
10	64QAM	25	0	23.64	23.84	23.80	23.70	23.63		
10	64QAM	25	12	23.53	23.69	23.71	23.65	23.55	25	0.3
10	64QAM	25	25	23.39	23.48	23.68	23.60	23.57		
10	64QAM	50	0	23.59	23.78	23.73	23.63	23.60		
10	256QAM	1	0	22.13	22.29	22.34	22.16	22.14		
10	256QAM	1	25	22.15	22.13	22.36	22.14	22.14	23	2.3
10	256QAM	1	49	21.99	22.05	22.12	22.15	22.05		
10	256QAM	25	0	22.07	22.01	22.17	22.11	22.03		
10	256QAM	25	12	21.93	22.03	21.96	22.07	22.02	23	2.3
10	256QAM	25	25	21.85	21.97	22.05	21.95	21.81		
10	256QAM	50	0	21.94	22.05	22.27	22.00	21.97		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	23.76	23.78	24.00	23.87	23.67		
5	QPSK	1	12	23.72	23.56	23.81	23.78	23.66	25	0
5	QPSK	1	24	23.59	23.61	23.92	23.78	23.64		
5	QPSK	12	0	23.54	23.54	23.69	23.50	23.41		
5	QPSK	12	7	23.44	23.40	23.51	23.58	23.38	25.3	0
5	QPSK	12	13	23.32	23.42	23.55	23.43	23.30		
5	QPSK	25	0	23.41	23.53	23.60	23.46	23.37		
5	16QAM	1	0	23.67	23.70	23.93	23.78	23.71		
5	16QAM	1	12	23.57	23.72	23.89	23.65	23.59	25.3	0
5	16QAM	1	24	23.53	23.60	23.68	23.59	23.52		
5	16QAM	12	0	23.45	23.51	23.64	23.53	23.55		
5	16QAM	12	7	23.46	23.49	23.52	23.42	23.42	25.3	0
5	16QAM	12	13	23.36	23.42	23.59	23.36	23.35		
5	16QAM	25	0	23.47	23.46	23.67	23.41	23.46		
5	64QAM	1	0	23.55	23.56	23.89	23.61	23.55		
5	64QAM	1	12	23.60	23.59	23.81	23.70	23.48	25.3	0
5	64QAM	1	24	23.42	23.57	23.55	23.57	23.40		
5	64QAM	12	0	23.67	23.79	23.83	23.75	23.59		
5	64QAM	12	7	23.61	23.75	23.60	23.49	23.49	25	0.3
5	64QAM	12	13	23.36	23.50	23.64	23.65	23.49		
5	64QAM	25	0	23.65	23.81	23.71	23.65	23.54		
5	256QAM	1	0	22.16	22.26	22.34	22.21	22.19		
5	256QAM	1	12	22.14	22.15	22.32	22.14	22.13	23	2.3
5	256QAM	1	24	21.98	22.07	22.09	22.12	22.12		
5	256QAM	12	0	21.97	22.01	22.20	22.04	21.93		
5	256QAM	12	7	21.94	21.99	21.92	21.99	22.06	23	2.3
5	256QAM	12	13	21.84	21.94	22.08	21.88	21.85		
5	256QAM	25	0	21.89	22.08	22.27	22.00	21.86		

Band 48 DSI6_Standalone Ant3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	22.10	22.32	22.13	22.17		
20	QPSK	1	49	21.90	22.13	22.18	21.96	23.4	0
20	QPSK	1	99	22.04	22.08	22.13	22.00		
20	QPSK	50	0	22.17	22.26	22.09	22.20		
20	QPSK	50	24	21.99	22.02	21.97	21.99	23.4	0
20	QPSK	50	50	21.76	22.03	22.03	21.94		
20	QPSK	100	0	21.77	22.19	22.15	22.01		
20	16QAM	1	0	22.00	22.18	22.16	22.31		
20	16QAM	1	49	22.02	22.00	22.02	22.03	23.4	0
20	16QAM	1	99	21.99	22.25	22.10	22.11		
20	16QAM	50	0	22.00	22.18	21.97	22.16		
20	16QAM	50	24	21.98	22.08	21.94	21.88	23.4	0
20	16QAM	50	50	22.06	21.86	22.22	22.05		
20	16QAM	100	0	21.88	22.28	21.94	22.12		
20	64QAM	1	0	21.88	22.08	22.06	22.03		
20	64QAM	1	49	21.90	22.19	22.13	21.84	23.4	0
20	64QAM	1	99	21.86	21.75	21.81	21.77		
20	64QAM	50	0	21.77	22.18	22.02	21.86		
20	64QAM	50	24	22.06	22.11	22.09	22.04	23.4	0
20	64QAM	50	50	21.92	22.06	21.75	22.05		
20	64QAM	100	0	21.99	22.11	21.83	21.89		
20	256QAM	1	0	19.90	20.14	19.99	20.04		
20	256QAM	1	49	19.87	20.14	19.96	20.02	21	2.4
20	256QAM	1	99	19.76	19.99	19.89	19.96		
20	256QAM	50	0	20.03	20.27	20.10	20.17		
20	256QAM	50	24	19.94	20.07	20.05	19.98	21	2.4
20	256QAM	50	50	19.93	20.10	20.01	20.05		
20	256QAM	100	0	20.01	20.28	20.13	20.20		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	22.13	22.22	22.05	21.97		
15	QPSK	1	37	22.16	22.13	21.90	21.95	23.4	0
15	QPSK	1	74	21.87	21.99	22.05	21.89		
15	QPSK	36	0	21.97	22.25	22.18	22.06		
15	QPSK	36	20	21.91	22.16	22.02	21.79	23.4	0
15	QPSK	36	39	21.79	21.95	21.81	21.82		
15	QPSK	75	0	21.90	22.06	21.73	21.88		
15	16QAM	1	0	21.70	22.19	21.87	22.00		
15	16QAM	1	37	21.81	21.95	21.81	21.92	23.4	0
15	16QAM	1	74	21.83	22.17	22.06	21.94		
15	16QAM	36	0	21.95	22.24	22.14	21.92		
15	16QAM	36	20	21.89	21.91	21.83	21.82	23.4	0
15	16QAM	36	39	21.82	22.08	21.95	21.80		
15	16QAM	75	0	21.77	22.00	21.79	21.70		
15	64QAM	1	0	21.76	22.04	21.90	22.01		
15	64QAM	1	37	21.82	22.17	21.92	21.79	23.4	0
15	64QAM	1	74	21.68	21.98	21.94	21.67		
15	64QAM	36	0	21.78	22.23	21.88	21.96		
15	64QAM	36	20	21.76	22.11	22.04	21.75	23.4	0
15	64QAM	36	39	21.88	21.90	21.86	21.89		
15	64QAM	75	0	21.64	21.98	21.97	21.76		
15	256QAM	1	0	19.86	20.04	19.84	19.99		
15	256QAM	1	37	19.80	20.02	19.93	19.93	21	2.4
15	256QAM	1	74	19.62	19.87	19.77	19.84		
15	256QAM	36	0	20.00	20.15	19.97	20.05		
15	256QAM	36	20	19.80	20.04	19.95	19.91	21	2.4
15	256QAM	36	39	19.83	19.97	19.96	19.99		
15	256QAM	75	0	19.89	20.23	20.05	20.07		
Channel				55290	55815	56155	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3556	3607.5	3642.5	3695		
10	QPSK	1	0	21.96	22.24	22.08	22.17		
10	QPSK	1	25	21.98	21.90	21.91	21.92	23.4	0
10	QPSK	1	49	21.81	22.05	22.14	22.07		
10	QPSK	25	0	21.99	22.02	22.23	21.85		
10	QPSK	25	12	21.91	21.98	22.19	21.92	23.4	0
10	QPSK	25	25	22.04	22.01	21.87	21.84		
10	QPSK	50	0	22.04	22.22	21.92	21.98		
10	16QAM	1	0	21.90	22.13	21.96	22.10		
10	16QAM	1	25	21.91	21.84	22.18	21.71	23.4	0
10	16QAM	1	49	21.77	22.02	22.17	21.86		
10	16QAM	25	0	21.73	21.99	22.11	22.07		
10	16QAM	25	12	21.79	21.86	21.97	21.72	23.4	0
10	16QAM	25	25	21.94	21.86	21.90	21.64		
10	16QAM	50	0	21.94	21.78	22.04	21.82		
10	64QAM	1	0	21.79	22.09	21.91	22.11		
10	64QAM	1	25	21.81	22.03	21.95	21.96	23.4	0
10	64QAM	1	49	21.67	21.84	22.00	21.86		
10	64QAM	25	0	21.95	22.11	21.92	21.93		
10	64QAM	25	12	21.97	21.92	21.97	21.82	23.4	0
10	64QAM	25	25	21.70	21.97	21.91	21.66		
10	64QAM	50	0	21.86	21.82	21.96	21.84		
10	256QAM	1	0	19.77	20.07	19.92	19.92		
10	256QAM	1	25	19.83	20.10	19.92	19.98	21	2.4
10	256QAM	1	49	19.72	19.93	19.85	19.83		
10	256QAM	25	0	19.88	20.14	20.00	20.03		
10	256QAM	25	12	19.83	19.93	20.00	19.94	21	2.4
10	256QAM	25	25	19.85	20.06	19.92	19.97		
10	256QAM	50	0	19.96	20.16	20.03	20.05		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3553.5	3607	3643	3697.5		
5	QPSK	1	0	22.09	22.10	22.09	22.18		
5	QPSK	1	12	22.01	22.04	22.01	21.89	23.4	0
5	QPSK	1	24	21.95	21.93	22.04	21.97		
5	QPSK	12	0	21.92	22.07	22.13	21.98		
5	QPSK	12	7	21.99	22.10	21.94	22.04	23.4	0
5	QPSK	12	13	22.02	22.12	22.01	21.87		
5	QPSK	25	0	21.73	22.04	21.94	22.09		
5	16QAM	1	0	21.80	22.15	22.11	22.15		
5	16QAM	1	12	22.02	21.88	21.99	21.92	23.4	0
5	16QAM	1	24	21.84	21.94	22.01	21.96		
5	16QAM	12	0	21.80	22.08	21.91	22.00		
5	16QAM	12	7	21.86	21.88	21.93	21.91	23.4	0
5	16QAM	12	13	21.88	21.87	21.93	21.83		
5	16QAM	25	0	21.84	22.08	21.88	21.73		
5	64QAM	1	0	21.70	22.09	22.00	22.04		
5	64QAM	1	12	21.89	22.02	21.98	21.73	23.4	0
5	64QAM	1	24	21.86	21.69	21.67	21.79		
5	64QAM	12	0	21.89	22.04	21.97	21.94		
5	64QAM	12	7	21.86	21.99	21.84	21.74	23.4	0
5	64QAM	12	13	21.63	22.02	21.93	21.70		
5	64QAM	25	0	21.87	22.08	22.04	21.59		
5	256QAM	1	0	19.81	20.02	19.90	19.99		
5	256QAM	1	12	19.81	20.11	19.81	19.98	21	2.4
5	256QAM	1	24	19.70	19.95	19.84	19.82		
5	256QAM	12	0	20.00	20.16	20.02	20.09		
5	256QAM	12	7	19.79	20.00	19.94	19.83	21	2.4
5	256QAM	12	13	19.87	19.96	19.96	20.02		
5	256QAM	25	0	19.94	20.23	20.05	20.08		

Reduced Power Mode for DSI6-Simultaneous

GSM850 Ant0

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	32.90	32.97	32.94	33.50	23.90	23.97	23.94	24.50
GPRS 1 Tx slot	32.83	32.94	32.91	33.50	23.83	23.94	23.91	24.50
GPRS 2 Tx slots	29.30	29.41	29.26	30.50	23.30	23.41	23.26	24.50
GPRS 3 Tx slots	28.91	28.98	28.86	30.00	24.65	24.72	24.60	25.74
GPRS 4 Tx slots	26.41	26.47	26.40	27.50	23.41	23.47	23.40	24.50
EDGE 1 Tx slot	25.42	25.46	25.37	26.50	16.42	16.46	16.37	17.50
EDGE 2 Tx slots	23.77	23.89	23.79	25.00	17.77	17.89	17.79	19.00
EDGE 3 Tx slots	22.66	22.69	22.62	23.50	18.40	18.43	18.36	19.24
EDGE 4 Tx slots	20.99	20.63	20.60	21.50	17.59	17.63	17.60	18.50

GSM1900 Ant 0

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	27.61	27.66	27.57	28.50	18.61	18.66	18.57	19.50
GPRS 1 Tx slot	27.54	27.63	27.58	28.50	18.54	18.63	18.58	19.50
GPRS 2 Tx slots	24.84	24.94	24.83	26.00	18.84	18.94	18.83	20.00
GPRS 3 Tx slots	23.33	23.39	23.33	24.50	19.07	19.13	19.07	20.24
GPRS 4 Tx slots	20.70	20.75	20.68	21.50	17.70	17.75	17.68	18.50
EDGE 1 Tx slot	22.79	22.87	22.73	23.50	13.79	13.87	13.73	14.50
EDGE 2 Tx slots	21.09	21.19	21.11	22.00	15.09	15.19	15.11	16.00
EDGE 3 Tx slots	20.07	20.12	20.04	21.00	15.81	15.86	15.78	16.74
EDGE 4 Tx slots	17.96	18.09	18.04	19.00	14.96	15.09	15.04	16.00

WCDMA II Ant0 | WCDMA IV Ant0 | WCDMA V Ant0

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	20.57	20.65	20.53	22.00	20.39	20.47	20.38	22.00	22.43	22.47	22.40	24.00
3GPP Rel 99	RMC 12.2Kbps	20.62	20.68	20.57	22.00	20.45	20.51	20.41	22.00	22.45	22.52	22.46	24.00
3GPP Rel 6	HSDPA Subtest-1	19.72	19.76	19.70	21.00	19.59	19.66	19.50	21.00	21.55	21.69	21.48	23.00
3GPP Rel 6	HSDPA Subtest-2	19.66	19.73	19.65	21.00	19.50	19.58	19.52	21.00	21.46	21.60	21.54	23.00
3GPP Rel 6	HSDPA Subtest-3	19.19	19.25	19.23	20.50	19.00	19.11	19.08	20.50	21.01	21.14	21.04	22.50
3GPP Rel 6	HSDPA Subtest-4	19.15	19.30	19.21	20.50	18.96	19.18	19.03	20.50	20.98	21.24	21.06	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	19.70	19.85	19.64	21.00	19.54	19.68	19.46	21.00	21.55	21.72	21.42	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	19.56	19.59	19.41	21.00	19.38	19.40	19.32	21.00	21.34	21.42	21.32	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	19.06	19.12	19.05	20.50	18.92	18.93	18.89	20.50	20.95	20.93	20.92	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	19.02	19.15	19.12	20.50	18.90	18.99	19.01	20.50	20.89	21.00	21.03	22.50
3GPP Rel 6	HSUPA Subtest-1	19.66	19.73	19.70	21.00	19.55	19.63	19.61	21.00	21.61	21.68	21.67	23.00
3GPP Rel 6	HSUPA Subtest-2	17.71	17.75	17.64	19.00	17.54	17.60	17.51	19.00	19.57	19.63	19.50	21.00
3GPP Rel 6	HSUPA Subtest-3	18.65	18.73	18.70	20.00	18.52	18.58	18.58	20.00	20.52	20.59	20.61	22.00
3GPP Rel 6	HSUPA Subtest-4	17.61	17.66	17.57	19.00	17.44	17.51	17.48	19.00	19.45	19.52	19.49	21.00
3GPP Rel 6	HSUPA Subtest-5	19.64	19.60	19.52	21.00	19.53	19.48	19.38	21.00	21.55	21.44	21.40	23.00

Band 2 Default Ant0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	23.11	23.16	23.07		
20	QPSK	1	49	22.93	23.02	22.89	24	0
20	QPSK	1	99	22.95	23.07	22.97		
20	QPSK	50	0	22.98	23.13	23.05		
20	QPSK	50	24	22.94	23.08	22.98	24	0
20	QPSK	50	50	22.92	23.04	22.96		
20	QPSK	100	0	22.99	23.05	22.91		
20	16QAM	1	0	22.95	23.02	22.88		
20	16QAM	1	49	22.85	22.98	22.90	24	0
20	16QAM	1	99	22.70	22.85	22.80		
20	16QAM	50	0	22.55	22.62	22.54		
20	16QAM	50	24	22.34	22.48	22.34	23.5	0.5
20	16QAM	50	50	22.35	22.42	22.27		
20	16QAM	100	0	22.39	22.52	22.47		
20	64QAM	1	0	22.72	22.80	22.72		
20	64QAM	1	49	22.68	22.76	22.67	23.5	0.5
20	64QAM	1	99	22.50	22.55	22.46		
20	64QAM	50	0	21.64	21.71	21.56		
20	64QAM	50	24	21.46	21.55	21.50	22.5	1.5
20	64QAM	50	50	21.42	21.46	21.35		
20	64QAM	100	0	21.43	21.52	21.38		
20	256QAM	1	0	19.80	19.89	19.85		
20	256QAM	1	49	19.82	19.86	19.80	20.5	3.5
20	256QAM	1	99	19.56	19.62	19.57		
20	256QAM	50	0	19.74	19.86	19.80		
20	256QAM	50	24	19.60	19.73	19.63	20.5	3.5
20	256QAM	50	50	19.70	19.81	19.78		
20	256QAM	100	0	19.67	19.78	19.67		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	23.03	23.10	22.99		
15	QPSK	1	37	22.79	22.90	22.82	24	0
15	QPSK	1	74	22.91	22.95	22.83		
15	QPSK	36	0	22.87	22.99	22.90		
15	QPSK	36	20	22.81	22.94	22.87	24	0
15	QPSK	36	39	22.87	22.96	22.82		
15	QPSK	75	0	22.91	23.00	22.89		
15	16QAM	1	0	22.90	22.90	22.79		
15	16QAM	1	37	22.77	22.86	22.83	24	0
15	16QAM	1	74	22.66	22.73	22.66		
15	16QAM	36	0	22.50	22.55	22.45		
15	16QAM	36	20	22.21	22.37	22.26	23.5	0.5
15	16QAM	36	39	22.24	22.31	22.19		
15	16QAM	75	0	22.31	22.42	22.27		
15	64QAM	1	0	22.67	22.68	22.59		
15	64QAM	1	37	22.59	22.72	22.61	23.5	0.5
15	64QAM	1	74	22.42	22.40	22.34		
15	64QAM	36	0	21.56	21.67	21.49		
15	64QAM	36	20	21.36	21.45	21.43	22.5	1.5
15	64QAM	36	39	21.28	21.35	21.23		
15	64QAM	75	0	21.38	21.37	21.29		
15	256QAM	1	0	19.65	19.84	19.70		
15	256QAM	1	37	19.68	19.81	19.77	20.5	3.5
15	256QAM	1	74	19.42	19.51	19.42		
15	256QAM	36	0	19.65	19.73	19.66		
15	256QAM	36	20	19.48	19.65	19.50	20.5	3.5
15	256QAM	36	39	19.66	19.75	19.67		
15	256QAM	75	0	19.58	19.71	19.56		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	23.02	23.04	23.00		
10	QPSK	1	25	22.87	22.88	22.81	24	0
10	QPSK	1	49	22.92	22.94	22.82		
10	QPSK	25	0	22.83	23.01	23.01		
10	QPSK	25	12	22.81	23.00	22.94	24	0
10	QPSK	25	25	22.80	22.99	22.95		
10	QPSK	50	0	22.89	22.95	22.91		
10	16QAM	1	0	22.88	22.90	22.86		
10	16QAM	1	25	22.79	22.91	22.85	24	0
10	16QAM	1	49	22.59	22.72	22.75		
10	16QAM	25	0	22.48	22.51	22.42		
10	16QAM	25	12	22.20	22.34	22.20	23.5	0.5
10	16QAM	25	25	22.26	22.27	22.20		
10	16QAM	50	0	22.28	22.44	22.37		
10	64QAM	1	0	22.60	22.76	22.60		
10	64QAM	1	25	22.56	22.64	22.58	23.5	0.5
10	64QAM	1	49	22.43	22.45	22.32		
10	64QAM	25	0	21.56	21.65	21.46		
10	64QAM	25	12	21.33	21.46	21.44	22.5	1.5
10	64QAM	25	25	21.39	21.36	21.28		
10	64QAM	50	0	21.31	21.39	21.27		
10	256QAM	1	0	19.76	19.86	19.77		
10	256QAM	1	25	19.77	19.82	19.68	20.5	3.5
10	256QAM	1	49	19.52	19.50	19.53		
10	256QAM	25	0	19.60	19.82	19.70		
10	256QAM	25	12	19.46	19.61	19.51	20.5	3.5
10	256QAM	25	25	19.63	19.71	19.66		
10	256QAM	50	0	19.52	19.66	19.61		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	23.02	23.06	22.99		
5	QPSK	1	12	22.88	22.95	22.74	24	0
5	QPSK	1	24	22.90	22.95	22.94		
5	QPSK	12	0	22.93	23.02	22.90		
5	QPSK	12	7	22.89	23.03	22.87	24	0
5	QPSK	12	13	22.80	22.98	22.82		
5	QPSK	25	0	22.88	22.93	22.92		
5	16QAM	1	0	22.91	22.88	22.83		
5	16QAM	1	12	22.79	22.82	22.74	24	0
5	16QAM	1	24	22.58	22.74	22.70		
5	16QAM	12	0	22.40	22.49	22.41		
5	16QAM	12	7	22.22	22.41	22.27	23.5	0.5
5	16QAM	12	13	22.31	22.27	22.14		
5	16QAM	25	0	22.26	22.38	22.37		
5	64QAM	1	0	22.59	22.68	22.64		
5	64QAM	1	12	22.61	22.73	22.63	23.5	0.5
5	64QAM	1	24	22.42	22.43	22.34		
5	64QAM	12	0	21.54	21.68	21.43		
5	64QAM	12	7	21.31	21.46	21.42	22.5	1.5
5	64QAM	12	13	21.29	21.32	21.21		
5	64QAM	25	0	21.30	21.41	21.29		
5	256QAM	1	0	19.74	19.94	19.67		
5	256QAM	1	12	19.75	19.78	19.67	20.5	3.5
5	256QAM	1	24	19.49	19.55	19.49		
5	256QAM	12	0	19.66	19.75	19.71		
5	256QAM	12	7	19.51	19.69	19.55	20.5	3.5
5	256QAM	12	13	19.67	19.74	19.64		
5	256QAM	25	0	19.62	19.73	19.58		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	23.01	23.02	22.96		
3	QPSK	1	8	22.89	22.91	22.86	24	0
3	QPSK	1	14	22.89	22.95	22.83		
3	QPSK	8	0	22.91	23.06	22.98		
3	QPSK	8	4	22.83	23.04	22.92	24	0
3	QPSK	8	7	22.86	22.99	22.83		
3	QPSK	15	0	22.87	22.98	22.90		
3	16QAM	1	0	22.85	22.98	22.83		
3	16QAM	1	8	22.71	22.87	22.78	24	0
3	16QAM	1	14	22.59	22.74	22.65		
3	16QAM	8	0	22.41	22.57	22.40		
3	16QAM	8	4	22.23	22.41	22.24	23.5	0.5
3	16QAM	8	7	22.31	22.33	22.14		
3	16QAM	15	0	22.31	22.45	22.41		
3	64QAM	1	0	22.59	22.77	22.60		
3	64QAM	1	8	22.55	22.67	22.54	23.5	0.5
3	64QAM	1	14	22.42	22.43	22.38		
3	64QAM	8	0	21.56	21.59	21.52		
3	64QAM	8	4	21.35	21.45	21.35	22.5	1.5
3	64QAM	8	7	21.34	21.33	21.27		
3	64QAM	15	0	21.34	21.44	21.30		
3	256QAM	1	0	19.77	19.76	19.69		
3	256QAM	1	8	19.76	19.79	19.65	20.5	3.5
3	256QAM	1	14	19.52	19.58	19.51		
3	256QAM	8	0	19.71	19.75	19.75		
3	256QAM	8	4	19.50	19.68	19.59	20.5	3.5
3	256QAM	8	7	19.60	19.66	19.73		
3	256QAM	15	0	19.63	19.70	19.59		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	23.04	23.11	23.01		
1.4	QPSK	1	3	22.83	22.95	22.74		
1.4	QPSK	1	5	22.86	22.99	22.85	24	0
1.4	QPSK	3	0	22.85	23.08	23.01		
1.4	QPSK	3	1	22.85	23.04	22.84		
1.4	QPSK	3	3	22.78	22.94	22.88		
1.4	QPSK	6	0	22.84	23.00	22.90	24	0
1.4	16QAM	1	0	22.80	22.93	22.87		
1.4	16QAM	1	3	22.82	22.86	22.78		
1.4	16QAM	1	5	22.86	22.93	22.90	24	0
1.4	16QAM	3	0	22.83	22.95	22.79		
1.4	16QAM	3	1	22.78	22.88	22.80		
1.4	16QAM	3	3	22.61	22.77	22.73		
1.4	16QAM	6	0	22.51	22.52	22.43	23.5	0.5
1.4	64QAM	1	0	22.19	22.34	22.24		
1.4	64QAM	1	3	22.21	22.32	22.21		
1.4	64QAM	1	5	22.25	22.45	22.39	23.5	0.5
1.4	64QAM	3	0	22.58	22.77	22.63		
1.4	64QAM	3	1	22.60	22.67	22.52		
1.4	64QAM	3	3	22.35	22.40	22.40		
1.4	64QAM	6	0	21.53	21.61	21.43	22.5	1.5
1.4	256QAM	1	0	19.76	19.83	19.76		
1.4	256QAM	1	3	19.77	19.82	19.69		
1.4	256QAM	1	5	19.47	19.55	19.49	20.5	3.5
1.4	256QAM	3	0	19.67	19.82	19.67		
1.4	256QAM	3	1	19.47	19.66	19.54		
1.4	256QAM	3	3	19.62	19.75	19.72		
1.4	256QAM	6	0	19.57	19.73	19.54	20.5	3.5

Band 4 Default Ant0

BW [MHz]	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	23.07	23.21	23.15		
20	QPSK	1	49	22.94	23.09	23.06	24	0
20	QPSK	1	99	22.89	23.02	23.00		
20	QPSK	50	0	22.97	23.18	23.05		
20	QPSK	50	24	23.02	23.09	22.99	24	0
20	QPSK	50	50	22.95	23.02	22.95		
20	QPSK	100	0	23.03	23.14	23.04		
20	16QAM	1	0	22.93	23.07	22.87		
20	16QAM	1	49	22.87	22.91	22.91	24	0
20	16QAM	1	99	22.75	22.87	22.83		
20	16QAM	50	0	22.72	22.92	22.75		
20	16QAM	50	24	22.66	22.80	22.75	23.5	0.5
20	16QAM	50	50	22.63	22.73	22.71		
20	16QAM	100	0	22.75	22.86	22.78		
20	64QAM	1	0	22.80	22.86	22.81		
20	64QAM	1	49	22.78	22.76	22.83	23.5	0.5
20	64QAM	1	99	22.65	22.82	22.69		
20	64QAM	50	0	21.86	21.97	21.80		
20	64QAM	50	24	21.79	21.80	21.76	22.5	1.5
20	64QAM	50	50	21.75	21.73	21.70		
20	64QAM	100	0	21.73	21.89	21.71		
20	256QAM	1	0	19.91	20.01	19.84		
20	256QAM	1	49	19.74	19.88	19.86	20.5	3.5
20	256QAM	1	99	19.77	19.78	19.72		
20	256QAM	50	0	19.77	19.98	19.88		
20	256QAM	50	24	19.76	19.80	19.73	20.5	3.5
20	256QAM	50	50	19.72	19.74	19.74		
20	256QAM	100	0	19.70	19.83	19.67		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	23.02	23.14	23.06		
15	QPSK	1	37	22.83	23.01	22.98	24	0
15	QPSK	1	74	22.85	22.95	22.96		
15	QPSK	36	0	22.87	23.05	23.01		
15	QPSK	36	20	22.95	23.06	22.87	24	0
15	QPSK	36	39	22.81	23.02	23.01		
15	QPSK	75	0	22.95	23.04	22.95		
15	16QAM	1	0	22.83	23.04	22.72		
15	16QAM	1	37	22.82	22.77	22.82	24	0
15	16QAM	1	74	22.67	22.80	22.78		
15	16QAM	36	0	22.62	22.84	22.67		
15	16QAM	36	20	22.59	22.70	22.68	23.5	0.5
15	16QAM	36	39	22.49	22.62	22.65		
15	16QAM	75	0	22.62	22.81	22.68		
15	64QAM	1	0	22.69	22.84	22.66		
15	64QAM	1	37	22.72	22.70	22.77	23.5	0.5
15	64QAM	1	74	22.50	22.73	22.57		
15	64QAM	36	0	21.71	21.91	21.66		
15	64QAM	36	20	21.71	21.72	21.75	22.5	1.5
15	64QAM	36	39	21.64	21.67	21.59		
15	64QAM	75	0	21.69	21.84	21.63		
15	256QAM	1	0	19.88	19.91	19.77		
15	256QAM	1	37	19.68	19.81	19.78	20.5	3.5
15	256QAM	1	74	19.65	19.73	19.63		
15	256QAM	36	0	19.62	19.88	19.78		
15	256QAM	36	20	19.66	19.67	19.69	20.5	3.5
15	256QAM	36	39	19.61	19.64	19.71		
15	256QAM	75	0	19.62	19.70	19.60		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.94	23.10	23.01		
10	QPSK	1	25	22.82	22.98	23.01	24	0
10	QPSK	1	49	22.76	22.96	22.92		
10	QPSK	25	0	22.88	23.13	22.93		
10	QPSK	25	12	22.89	23.04	22.94	24	0
10	QPSK	25	25	22.85	22.98	22.89		
10	QPSK	50	0	22.92	23.11	22.99		
10	16QAM	1	0	22.80	22.97	22.75		
10	16QAM	1	25	22.82	22.87	22.85	24	0
10	16QAM	1	49	22.67	22.80	22.71		
10	16QAM	25	0	22.59	22.78	22.66		
10	16QAM	25	12	22.57	22.69	22.66	23.5	0.5
10	16QAM	25	25	22.60	22.69	22.56		
10	16QAM	50	0	22.62	22.75	22.74		
10	64QAM	1	0	22.76	22.86	22.72		
10	64QAM	1	25	22.75	22.66	22.79	23.5	0.5
10	64QAM	1	49	22.50	22.78	22.63		
10	64QAM	25	0	21.77	21.92	21.72		
10	64QAM	25	12	21.73	21.69	21.72	22.5	1.5
10	64QAM	25	25	21.60	21.64	21.61		
10	64QAM	50	0	21.64	21.80	21.68		
10	256QAM	1	0	19.83	19.87	19.76		
10	256QAM	1	25	19.61	19.84	19.82	20.5	3.5
10	256QAM	1	49	19.67	19.67	19.66		
10	256QAM	25	0	19.66	19.84	19.80		
10	256QAM	25	12	19.66	19.66	19.65	20.5	3.5
10	256QAM	25	25	19.65	19.61	19.64		
10	256QAM	50	0	19.55	19.78	19.62		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	23.01	23.08	23.06		
5	QPSK	1	12	22.80	23.04	22.97	24	0
5	QPSK	1	24	22.79	23.01	22.91		
5	QPSK	12	0	22.88	23.15	22.93		
5	QPSK	12	7	22.87	23.06	22.94	24	0
5	QPSK	12	13	22.88	22.93	22.80		
5	QPSK	25	0	22.91	23.08	22.98		
5	16QAM	1	0	22.90	23.01	22.84		
5	16QAM	1	12	22.82	22.89	22.78	24	0
5	16QAM	1	24	22.70	22.76	22.72		
5	16QAM	12	0	22.62	22.89	22.69		
5	16QAM	12	7	22.63	22.73	22.66	23.5	0.5
5	16QAM	12	13	22.67	22.81	22.66		
5	16QAM	25	0	22.67	22.71	22.66		
5	64QAM	1	0	22.73	22.93	22.68		
5	64QAM	1	12	22.75	22.70	22.73	23.5	0.5
5	64QAM	1	24	22.50	22.69	22.62		
5	64QAM	12	0	21.78	21.83	21.73		
5	64QAM	12	7	21.68	21.77	21.67	22.5	1.5
5	64QAM	12	13	21.68	21.59	21.61		
5	64QAM	25	0	21.70	21.84	21.66		
5	256QAM	1	0	19.77	19.96	19.70		
5	256QAM	1	12	19.68	19.74	19.81	20.5	3.5
5	256QAM	1	24	19.72	19.63	19.68		
5	256QAM	12	0	19.69	19.86	19.78		
5	256QAM	12	7	19.72	19.74	19.67	20.5	3.5
5	256QAM	12	13	19.69	19.69	19.66		
5	256QAM	25	0	19.64	19.77	19.53		
Channel				19925	20175	20425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.93	23.07	23.02		
3	QPSK	1	8	22.79	23.02	22.92	24	0
3	QPSK	1	14	22.80	23.01	22.95		
3	QPSK	8	0	22.92	23.07	22.90		
3	QPSK	8	4	22.95	22.98	22.95	24	0
3	QPSK	8	7	22.92	22.88	22.81		
3	QPSK	15	0	22.99	23.03	22.94		
3	16QAM	1	0	22.81	22.96	22.80		
3	16QAM	1	8	22.77	22.78	22.79	24	0
3	16QAM	1	14	22.62	22.82	22.80		
3	16QAM	8	0	22.58	22.80	22.71		
3	16QAM	8	4	22.57	22.72	22.62	23.5	0.5
3	16QAM	8	7	22.51	22.65	22.67		
3	16QAM	15	0	22.62	22.72	22.67		
3	64QAM	1	0	22.66	22.91	22.76		
3	64QAM	1	8	22.63	22.67	22.68	23.5	0.5
3	64QAM	1	14	22.52	22.77	22.63		
3	64QAM	8	0	21.71	21.94	21.70		
3	64QAM	8	4	21.69	21.77	21.67	22.5	1.5
3	64QAM	8	7	21.70	21.67	21.59		
3	64QAM	15	0	21.61	21.78	21.64		
3	256QAM	1	0	19.79	19.97	19.81		
3	256QAM	1	8	19.60	19.83	19.75	20.5	3.5
3	256QAM	1	14	19.74	19.67	19.66		
3	256QAM	8	0	19.74	19.94	19.75		
3	256QAM	8	4	19.66	19.76	19.62	20.5	3.5
3	256QAM	8	7	19.63	19.62	19.63		
3	256QAM	15	0	19.57	19.70	19.60		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.96	23.16	23.01		
1.4	QPSK	1	3	22.87	22.99	22.98		
1.4	QPSK	1	5	22.84	22.94	22.94	24	0
1.4	QPSK	3	0	22.87	23.11	22.94		
1.4	QPSK	3	1	22.89	23.03	22.87		
1.4	QPSK	3	3	22.85	22.98	22.81		
1.4	QPSK	6	0	22.95	23.06	22.99	24	0
1.4	16QAM	1	0	22.82	22.96	22.75		
1.4	16QAM	1	3	22.74	22.84	22.88		
1.4	16QAM	1	5	22.65	22.76	22.68	24	0
1.4	16QAM	3	0	22.66	22.83	22.62		
1.4	16QAM	3	1	22.56	22.73	22.69		
1.4	16QAM	3	3	22.67	22.77	22.75		
1.4	16QAM	6	0	22.62	22.80	22.71	23.5	0.5
1.4	64QAM	1	0	22.52	22.74	22.69		
1.4	64QAM	1	3	22.52	22.62	22.58		
1.4	64QAM	1	5	22.68	22.82	22.69	23.5	0.5
1.4	64QAM	3	0	22.71	22.82	22.74		
1.4	64QAM	3	1	22.63	22.64	22.79		
1.4	64QAM	3	3	22.53	22.68	22.59		
1.4	64QAM	6	0	21.81	21.87	21.75	22.5	1.5
1.4	256QAM	1	0	19.77	19.93	19.81		
1.4	256QAM	1	3	19.64	19.80	19.78		
1.4	256QAM	1	5	19.63	19.85	19.66	20.5	3.5
1.4	256QAM	3	0	19.69	19.85	19.81		
1.4	256QAM	3	1	19.67	19.75	19.60		
1.4	256QAM	3	3	19.63	19.69	19.70		
1.4	256QAM	6	0	19.64	19.73	19.58	20.5	3.5

Band 5 Default Ant0

BW [MHz]	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	22.52	22.57	22.46		
10	QPSK	1	25	22.36	22.46	22.32	24	0
10	QPSK	1	49	22.30	22.43	22.28		
10	QPSK	25	0	22.37	22.54	22.41		
10	QPSK	25	12	22.33	22.45	22.35	24	0
10	QPSK	25	25	22.24	22.30	22.27		
10	QPSK	50	0	22.31	22.49	22.30		
10	16QAM	1	0	22.26	22.47	22.31		
10	16QAM	1	25	22.31

Band 12 Default Ant0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	22.84	22.92	22.79	24	0
10	QPSK	1	25	22.76	22.81	22.64		
10	QPSK	1	49	22.60	22.68	22.62		
10	QPSK	25	0	22.63	22.82	22.72	24	0
10	QPSK	25	12	22.59	22.68	22.61		
10	QPSK	25	25	22.56	22.60	22.63		
10	QPSK	50	0	22.65	22.77	22.62		
10	16QAM	1	0	22.54	22.72	22.60	24	0
10	16QAM	1	25	22.54	22.59	22.58		
10	16QAM	1	49	22.44	22.55	22.46		
10	16QAM	25	0	22.35	22.51	22.41	23.5	0.5
10	16QAM	25	12	22.32	22.43	22.28		
10	16QAM	25	25	22.30	22.35	22.28		
10	16QAM	50	0	22.37	22.47	22.28		
10	64QAM	1	0	22.26	22.41	22.29	23.5	0.5
10	64QAM	1	25	22.14	22.25	22.19		
10	64QAM	1	49	22.10	22.22	22.16		
10	64QAM	25	0	21.54	21.67	21.50	22.5	1.5
10	64QAM	25	12	21.44	21.58	21.51		
10	64QAM	25	25	21.39	21.44	21.44		
10	64QAM	50	0	21.43	21.54	21.41		
10	256QAM	1	0	19.38	19.55	19.40	20.5	3.5
10	256QAM	1	25	19.33	19.40	19.38		
10	256QAM	1	49	19.30	19.33	19.28		
10	256QAM	25	0	19.30	19.51	19.41	20.5	3.5
10	256QAM	25	12	19.29	19.34	19.30		
10	256QAM	25	25	19.20	19.33	19.22		
10	256QAM	50	0	19.23	19.45	19.26		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.77	22.86	22.74	24	0
5	QPSK	1	12	22.63	22.69	22.56		
5	QPSK	1	24	22.47	22.54	22.47		
5	QPSK	12	0	22.50	22.75	22.58	24	0
5	QPSK	12	7	22.45	22.55	22.51		
5	QPSK	12	13	22.53	22.45	22.51		
5	QPSK	25	0	22.56	22.69	22.56		
5	16QAM	1	0	22.42	22.62	22.48	24	0
5	16QAM	1	12	22.50	22.48	22.47		
5	16QAM	1	24	22.33	22.52	22.36		
5	16QAM	12	0	22.30	22.47	22.28	23.5	0.5
5	16QAM	12	7	22.28	22.33	22.19		
5	16QAM	12	13	22.19	22.24	22.19		
5	16QAM	25	0	22.31	22.34	22.19		
5	64QAM	1	0	22.15	22.30	22.22	23.5	0.5
5	64QAM	1	12	22.04	22.12	22.10		
5	64QAM	1	24	21.96	22.07	22.07		
5	64QAM	12	0	21.48	21.63	21.41	22.5	1.5
5	64QAM	12	7	21.34	21.53	21.47		
5	64QAM	12	13	21.29	21.32	21.33		
5	64QAM	25	0	21.33	21.48	21.34		
5	256QAM	1	0	19.35	19.45	19.31	20.5	3.5
5	256QAM	1	12	19.21	19.31	19.26		
5	256QAM	1	24	19.17	19.23	19.18		
5	256QAM	12	0	19.16	19.37	19.26	20.5	3.5
5	256QAM	12	7	19.22	19.27	19.27		
5	256QAM	12	13	19.07	19.21	19.11		
5	256QAM	25	0	19.13	19.31	19.12		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.78	22.81	22.72	24	0
3	QPSK	1	8	22.70	22.76	22.50		
3	QPSK	1	14	22.53	22.54	22.57		
3	QPSK	8	0	22.49	22.79	22.57	24	0
3	QPSK	8	4	22.51	22.61	22.48		
3	QPSK	8	7	22.49	22.49	22.57		
3	QPSK	15	0	22.54	22.73	22.58		
3	16QAM	1	0	22.39	22.59	22.47	24	0
3	16QAM	1	8	22.48	22.48	22.48		
3	16QAM	1	14	22.38	22.44	22.38		
3	16QAM	8	0	22.26	22.44	22.28	23.5	0.5
3	16QAM	8	4	22.23	22.37	22.16		
3	16QAM	8	7	22.22	22.22	22.20		
3	16QAM	15	0	22.23	22.35	22.19		
3	64QAM	1	0	22.23	22.28	22.17	23.5	0.5
3	64QAM	1	8	22.02	22.10	22.09		
3	64QAM	1	14	22.02	22.15	22.04		
3	64QAM	8	0	21.45	21.61	21.40	22.5	1.5
3	64QAM	8	4	21.40	21.48	21.37		
3	64QAM	8	7	21.35	21.36	21.33		
3	64QAM	15	0	21.37	21.50	21.31		
3	256QAM	1	0	19.28	19.41	19.36	20.5	3.5
3	256QAM	1	8	19.26	19.31	19.24		
3	256QAM	1	14	19.23	19.30	19.21		
3	256QAM	8	0	19.18	19.46	19.28	20.5	3.5
3	256QAM	8	4	19.18	19.22	19.18		
3	256QAM	8	7	19.06	19.22	19.07		
3	256QAM	15	0	19.18	19.40	19.14		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.76	22.83	22.75	24	0
1.4	QPSK	1	3	22.65	22.67	22.51		
1.4	QPSK	1	5	22.48	22.57	22.53		
1.4	QPSK	3	0	22.50	22.67	22.67		
1.4	QPSK	3	1	22.54	22.55	22.56		
1.4	QPSK	3	3	22.44	22.54	22.57		
1.4	QPSK	6	0	22.59	22.73	22.56	24	0
1.4	16QAM	1	0	22.50	22.62	22.56	24	0
1.4	16QAM	1	3	22.49	22.46	22.50		
1.4	16QAM	1	5	22.40	22.46	22.43		
1.4	16QAM	3	0	22.47	22.60	22.56		
1.4	16QAM	3	1	22.49	22.45	22.47		
1.4	16QAM	3	3	22.37	22.48	22.40		
1.4	16QAM	6	0	22.17	22.30	22.14	23.5	0.5
1.4	64QAM	1	0	22.33	22.41	22.29	23.5	0.5
1.4	64QAM	1	3	22.22	22.40	22.17		
1.4	64QAM	1	5	22.13	22.33	22.16		
1.4	64QAM	3	0	22.05	22.21	22.09		
1.4	64QAM	3	1	21.99	22.16	22.05		
1.4	64QAM	3	3	22.22	22.28	22.16		
1.4	64QAM	6	0	21.45	21.60	21.41	22.5	1.5
1.4	256QAM	1	0	19.29	19.47	19.32	20.5	3.5
1.4	256QAM	1	3	19.21	19.31	19.24		
1.4	256QAM	1	5	19.22	19.27	19.22		
1.4	256QAM	3	0	19.18	19.37	19.34		
1.4	256QAM	3	1	19.16	19.21	19.24		
1.4	256QAM	3	3	19.15	19.21	19.09		
1.4	256QAM	6	0	19.17	19.35	19.18	20.5	3.5

Band 13 Default Ant0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		23.07		24	0
10	QPSK	1	25		23.04			
10	QPSK	1	49		22.92			
10	QPSK	25	0		22.98		24	0
10	QPSK	25	12		22.85			
10	QPSK	25	25		22.82			
10	QPSK	50	0		22.95			
10	16QAM	1	0		22.91		24	0
10	16QAM	1	25		22.86			
10	16QAM	1	49		22.79			
10	16QAM	25	0		22.74		23.5	0.5
10	16QAM	25	12		22.62			
10	16QAM	25	25		22.54			
10	16QAM	50	0		22.70			
10	64QAM	1	0		22.62		23.5	0.5
10	64QAM	1	25		22.41			
10	64QAM	1	49		22.49			
10	64QAM	25	0		21.91		22.5	1.5
10	64QAM	25	12		21.77			
10	64QAM	25	25		21.67			
10	64QAM	50	0		21.77			
10	256QAM	1	0		19.82		20.5	3.5
10	256QAM	1	25		19.62			
10	256QAM	1	49		19.55			
10	256QAM	25	0		19.69		20.5	3.5
10	256QAM	25	12		19.58			
10	256QAM	25	25		19.55			
10	256QAM	50	0		19.68			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.93	23.03	22.99	24	0
5	QPSK	1	12	22.90	23.00	22.92		
5	QPSK	1	24	22.84	22.85	22.80		
5	QPSK	12	0	22.95	22.84	22.93	24	0
5	QPSK	12	7	22.77	22.71	22.73		
5	QPSK	12	13	22.71	22.75	22.68		
5	QPSK	25	0	22.88	22.91	22.91		
5	16QAM	1	0	22.86	22.80	22.87	24	0
5	16QAM	1	12	22.72	22.78	22.71		
5	16QAM	1	24	22.67	22.69	22.74		
5	16QAM	12	0	22.62	22.60	22.65	23.5	0.5
5	16QAM	12	7	22.49	22.55	22.58		
5	16QAM	12	13	22.43	22.49	22.45		
5	16QAM	25	0	22.67	22.60	22.63		
5	64QAM	1	0	22.53	22.55	22.47	23.5	0.5
5	64QAM	1	12	22.33	22.32	22.27		
5	64QAM	1	24	22.39	22.42	22.45		
5	64QAM	12	0	21.79	21.83	21.82	22.5	1.5
5	64QAM	12	7	21.62	21.66	21.70		
5	64QAM	12	13	21.61	21.55	21.59		
5	64QAM	25	0	21.71	21.66	21.73		
5	256QAM	1	0	19.77	19.78	19.74	20.5	3.5
5	256QAM	1	12	19.56	19.48	19.51		
5	256QAM	1	24	19.41	19.47	19.50		
5	256QAM	12	0	19.59	19.55	19.64	20.5	3.5
5	256QAM	12	7	19.55	19.52	19.53		
5	256QAM	12	13	19.46	19.43	19.52		
5	256QAM	25	0	19.57	19.56	19.60		

Band 14 Default Ant0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23330			
Frequency (MHz)					793			
10	QPSK	1	0		23.06		24	0
10	QPSK	1	25		23.00			
10	QPSK	1	49		22.86			
10	QPSK	25	0		22.95		24	0
10	QPSK	25	12		22.81			
10	QPSK	25	25		22.78			
10	QPSK	50	0		22.93			
10	16QAM	1	0		22.86		24	0
10	16QAM	1	25		22.78			
10	16QAM	1	49		22.77			
10	16QAM	25	0		22.75		23.5	0.5
10	16QAM	25	12		22.60			
10	16QAM	25	25		22.46			
10	16QAM	50	0		22.64			
10	64QAM	1	0		22.56		23.5	0.5
10	64QAM	1	25		22.38			
10	64QAM	1	49		22.49			
10	64QAM	25	0		21.88		22.5	1.5
10	64QAM	25	12		21.70			
10	64QAM	25	25		21.63			
10	64QAM	50	0		21.69			
10	256QAM	1	0		19.77		20.5	3.5
10	256QAM	1	25		19.55			
10	256QAM	1	49		19.49			
10	256QAM	25	0		19.61		20.5	3.5
10	256QAM	25	12		19.51			
10	256QAM	25	25		19.48			
10	256QAM	50	0		19.66			
Channel				23305	23330	23355	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	0	22.92	22.99	22.97	24	0
5	QPSK	1	12	22.87	22.90	22.86		
5	QPSK	1	24	22.75	22.79	22.74		
5	QPSK	12	0	22.90	22.90	22.83	24	0
5	QPSK	12	7	22.77	22.68	22.77		
5	QPSK	12	13	22.70	22.67	22.64		
5	QPSK	25	0	22.82	22.84	22.86		
5	16QAM	1	0	22.78	22.83	22.78	24	0
5	16QAM	1	12	22.70	22.68	22.64		
5	16QAM	1	24	22.62	22.73	22.64		
5	16QAM	12	0	22.60	22.72	22.67	23.5	0.5
5	16QAM	12	7	22.54	22.51	22.51		
5	16QAM	12	13	22.37	22.40	22.40		
5	16QAM	25	0	22.55	22.53	22.50		
5	64QAM	1	0	22.52	22.52	22.46	23.5	0.5
5	64QAM	1	12	22.28	22.30	22.27		
5	64QAM	1	24	22.44	22.43	22.41		
5	64QAM	12	0	21.74	21.74	21.76	22.5	1.5
5	64QAM	12	7	21.63	21.64	21.58		
5	64QAM	12	13	21.59	21.59	21.52		
5	64QAM	25	0	21.55	21.64	21.66		
5	256QAM	1	0	19.63	19.72	19.65	20.5	3.5
5	256QAM	1	12	19.44	19.46	19.44		
5	256QAM	1	24	19.35	19.44	19.44		
5	256QAM	12	0	19.48	19.47	19.57	20.5	3.5
5	256QAM	12	7	19.38	19.37	19.39		
5	256QAM	12	13	19.35	19.36	19.34		
5	256QAM	25	0	19.53	19.56	19.62		

Band 17 Default Ant0

BW [MHz]	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	22.65	22.73	22.70	24	0
10	QPSK	1	25	22.57	22.60	22.59		
10	QPSK	1	49	22.46	22.51	22.46		
10	QPSK	25	0	22.46	22.66	22.54	24	0
10	QPSK	25	12	22.49	22.53	22.42		
10	QPSK	25	25	22.41	22.48	22.47		
10	QPSK	50	0	22.49	22.62	22.44		
10	16QAM	1	0	22.49	22.60	22.45	24	0
10	16QAM	1	25	22.39	22.48	22.41		
10	16QAM	1	49	22.30	22.40	22.38		
10	16QAM	25	0	22.36	22.58	22.49	23.5	0.5
10	16QAM	25	12	22.38	22.40	22.43		
10	16QAM	25	25	22.30	22.41	22.40		
10	16QAM	50	0	22.24	22.38	22.33		
10	64QAM	1	0	22.39	22.56	22.46	23.5	0.5
10	64QAM	1	25	22.37	22.42	22.40		
10	64QAM	1	49	22.32	22.40	22.29		
10	64QAM	25	0	21.37	21.54	21.36	22.5	1.5
10	64QAM	25	12	21.28	21.39	21.36		
10	64QAM	25	25	21.32	21.36	21.32		
10	64QAM	50	0	21.19	21.28	21.29		
10	256QAM	1	0	19.59	19.71	19.63	20.5	3.5
10	256QAM	1	25	19.45	19.53	19.56		
10	256QAM	1	49	19.44	19.57	19.51		
10	256QAM	25	0	19.44	19.55	19.43	20.5	3.5
10	256QAM	25	12	19.34	19.44	19.33		
10	256QAM	25	25	19.34	19.39	19.37		
10	256QAM	50	0	19.28	19.32	19.22		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.53	22.69	22.65	24	0
5	QPSK	1	12	22.53	22.55	22.48		
5	QPSK	1	24	22.33	22.41	22.37		
5	QPSK	12	0	22.36	22.57	22.44	24	0
5	QPSK	12	7	22.44	22.40	22.38		
5	QPSK	12	13	22.28	22.41	22.43		
5	QPSK	25	0	22.46	22.49	22.32		
5	16QAM	1	0	22.38	22.52	22.31	24	0
5	16QAM	1	12	22.26	22.39	22.35		
5	16QAM	1	24	22.16	22.32	22.32		
5	16QAM	12	0	22.27	22.45	22.35	23.5	0.5
5	16QAM	12	7	22.33	22.32	22.35		
5	16QAM	12	13	22.19	22.34	22.27		
5	16QAM	25	0	22.11	22.24	22.19		
5	64QAM	1	0	22.24	22.48	22.35	23.5	0.5
5	64QAM	1	12	22.29	22.34	22.29		
5	64QAM	1	24	22.17	22.33	22.14		
5	64QAM	12	0	21.33	21.42	21.31	22.5	1.5
5	64QAM	12	7	21.24	21.27	21.22		
5	64QAM	12	13	21.19	21.23	21.25		
5	64QAM	25	0	21.07	21.23	21.24		
5	256QAM	1	0	19.50	19.65	19.49	20.5	3.5
5	256QAM	1	12	19.33	19.42	19.50		
5	256QAM	1	24	19.41	19.43	19.47		
5	256QAM	12	0	19.31	19.51	19.33	20.5	3.5
5	256QAM	12	7	19.27	19.34	19.22		
5	256QAM	12	13	19.20	19.33	19.27		
5	256QAM	25	0	19.24	19.26	19.16		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26690		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	23.16	23.21	23.18	24	0
20	QPSK	1	49	23.03	23.03	23.09		
20	QPSK	1	99	22.97	23.01	23.03		
20	QPSK	50	0	23.00	23.15	23.05	24	0
20	QPSK	50	24	22.95	23.03	22.95		
20	QPSK	50	50	22.88	22.99	22.86		
20	QPSK	100	0	22.91	23.01	22.92		
20	16QAM	1	0	22.96	23.09	22.91	24	0
20	16QAM	1	49	22.94	22.99	22.95		
20	16QAM	1	99	22.81	22.87	22.80		
20	16QAM	50	0	22.79	22.93	22.83	23.5	0.5
20	16QAM	50	24	22.75	22.80	22.75		
20	16QAM	50	50	22.61	22.72	22.70		
20	16QAM	100	0	22.62	22.66	22.61		
20	64QAM	1	0	22.86	23.05	22.91	23.5	0.5
20	64QAM	1	49	22.79	22.95	22.87		
20	64QAM	1	99	22.79	22.82	22.82		
20	64QAM	50	0	21.82	21.95	21.79	22.5	1.5
20	64QAM	50	24	21.78	21.79	21.74		
20	64QAM	50	50	21.73	21.82	21.72		
20	64QAM	100	0	21.69	21.66	21.64		
20	256QAM	1	0	19.90	20.04	19.89	20.5	3.5
20	256QAM	1	49	19.79	19.90	19.83		
20	256QAM	1	99	19.77	19.85	19.78		
20	256QAM	50	0	19.87	19.98	19.87	20.5	3.5
20	256QAM	50	24	19.77	19.90	19.74		
20	256QAM	50	50	19.70	19.74	19.71		
20	256QAM	100	0	19.62	19.74	19.68		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	23.05	23.13	23.04	24	0
15	QPSK	1	37	22.99	22.90	23.05		
15	QPSK	1	74	22.84	22.90	22.97		
15	QPSK	36	0	22.94	23.01	22.95	24	0
15	QPSK	36	20	22.82	22.96	22.88		
15	QPSK	36	39	22.84	22.95	22.75		
15	QPSK	75	0	22.77	22.98	22.79		
15	16QAM	1	0	22.92	22.98	22.84	24	0
15	16QAM	1	37	22.81	22.87	22.85		
15	16QAM	1	74	22.68	22.79	22.74		
15	16QAM	36	0	22.70	22.81	22.75	23.5	0.5
15	16QAM	36	20	22.68	22.66	22.62		
15	16QAM	36	39	22.48	22.61	22.64		
15	16QAM	75	0	22.49	22.53	22.50		
15	64QAM	1	0	22.74	22.90	22.77	23.5	0.5
15	64QAM	1	37	22.70	22.82	22.77		
15	64QAM	1	74	22.70	22.68	22.68		
15	64QAM	36	0	21.74	21.85	21.65	22.5	1.5
15	64QAM	36	20	21.72	21.68	21.69		
15	64QAM	36	39	21.68	21.79	21.59		
15	64QAM	75	0	21.55	21.54	21.60		
15	256QAM	1	0	19.76	19.96	19.85	20.5	3.5
15	256QAM	1	37	19.75	19.79	19.79		
15	256QAM	1	74	19.67	19.70	19.73		
15	256QAM	36	0	19.78	19.83	19.77	20.5	3.5
15	256QAM	36	20	19.69	19.87	19.60		
15	256QAM	36	39	19.57	19.70	19.61		
15	256QAM	75	0	19.55	19.66	19.55		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	23.03	23.09	23.05	24	0
10	QPSK	1	25	22.94	22.92	22.98		
10	QPSK	1	49	22.90	22.95	22.90		
10	QPSK	25	0	22.90	23.04	22.99	24	0
10	QPSK	25	12	22.87	22.89	22.83		
10	QPSK	25	25	22.84	22.85	22.71		
10	QPSK	50	0	22.80	22.89	22.83		
10	16QAM	1	0	22.90	22.95	22.83	24	0
10	16QAM	1	25	22.81	22.91	22.88		
10	16QAM	1	49	22.68	22.76	22.66		
10	16QAM	25	0	22.74	22.80	22.75	23.5	0.5
10	16QAM	25	12	22.62	22.68	22.67		
10	16QAM	25	25	22.52	22.67	22.57		
10	16QAM	50	0	22.57	22.60	22.54		
10	64QAM	1	0	22.82	22.91	22.85	23.5	0.5
10	64QAM	1	25	22.64	22.88	22.76		
10	64QAM	1	49	22.72	22.76	22.71		
10	64QAM	25	0	21.79	21.84	21.68	22.5	1.5
10	64QAM	25	12	21.74	21.76	21.64		
10	64QAM	25	25	21.66	21.77	21.61		
10	64QAM	50	0	21.62	21.56	21.52		
10	256QAM	1	0	19.80	19.94	19.81	20.5	3.5
10	256QAM	1	25	19.68	19.75	19.72		
10	256QAM	1	49	19.74	19.73	19.68		
10	256QAM	25	0	19.82	19.91	19.77	20.5	3.5
10	256QAM	25	12	19.71	19.83	19.68		
10	256QAM	25	25	19.65	19.61	19.60		
10	256QAM	50	0	19.55	19.67	19.63		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	23.12	23.07	23.10	24	0
5	QPSK	1	12	22.95	22.92	23.03		
5	QPSK	1	24	22.86	22.90	22.95		
5	QPSK	12	0	22.86	23.04	22.92	24	0
5	QPSK	12	7	22.88	23.00	22.84		
5	QPSK	12	13	22.77	22.88	22.79		
5	QPSK	25	0	22.77	22.91	22.86		
5	16QAM	1	0	22.88	23.04	22.88	24	0
5	16QAM	1	12	22.88	22.90	22.87		
5	16QAM	1	24	22.67	22.77	22.73		
5	16QAM	12	0	22.70	22.84	22.73	23.5	0.5
5	16QAM	12	7	22.71	22.70	22.63		
5	16QAM	12	13	22.50	22.60	22.56		
5	16QAM	25	0	22.55	22.62	22.51		
5	64QAM	1	0	22.78	22.98	22.88	23.5	0.5
5	64QAM	1	12	22.71	22.92	22.81		
5	64QAM	1	24	22.65	22.69	22.76		
5	64QAM	12	0	21.78	21.84	21.70	22.5	1.5
5	64QAM	12	7	21.70	21.65	21.70		
5	64QAM	12	13	21.68	21.79	21.68		
5	64QAM	25	0	21.60	21.54	21.60		
5	256QAM	1	0	19.75	19.96	19.86	20.5	3.5
5	256QAM	1	12	19.71	19.82	19.75		
5	256QAM	1	24	19.68	19.75	19.74		
5	256QAM	12	0	19.76	19.85	19.84	20.5	3.5
5	256QAM	12	7	19.68	19.78	19.59		
5	256QAM	12	13	19.61	19.64	19.64		
5	256QAM	25	0	19.57	19.64	19.54		
Channel				26047	26340	26633	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	23.02	23.15	23.13	24	0
3	QPSK	1	8	22.98	22.95	22.96		
3	QPSK	1	14	22.94	22.93	22.99		
3	QPSK	8	0	22.94	23.05	22.96	24	0
3	QPSK	8	4	22.80	22.97	22.91		
3	QPSK	8	7	22.75	22.84	22.78		
3	QPSK	15	0	22.83	22.96	22.80		
3	16QAM	1	0	22.84	23.02	22.85	24	0
3	16QAM	1	8	22.89	22.86	22.87		
3	16QAM	1	14	22.77	22.75	22.66		
3	16QAM	8	0	22.66	22.87	22.79	23.5	0.5
3	16QAM	8	4	22.65	22.65	22.67		
3	16QAM	8	7	22.57	22.68	22.60		
3	16QAM	15	0	22.48	22.60	22.53		
3	64QAM	1	0	22.75	22.92	22.80	23.5	0.5
3	64QAM	1	8	22.66	22.91	22.76		
3	64QAM	1	14	22.65	22.72	22.69		
3	64QAM	8	0	21.76	21.87	21.64	22.5	1.5
3	64QAM	8	4	21.67	21.66	21.62		
3	64QAM	8	7	21.61	21.74	21.57		
3	64QAM	15	0	21.63	21.53	21.58		
3	256QAM	1	0	19.76	19.96	19.83	20.5	3.5
3	256QAM	1	8	19.69	19.85	19.77		
3	256QAM	1	14	19.63	19.72	19.67		
3	256QAM	8	0	19.76	19.83	19.81	20.5	3.5
3	256QAM	8	4	19.66	19.83	19.60		
3	256QAM	8	7	19.62	19.71	19.60		
3	256QAM	15	0	19.50	19.61	19.61		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	23.12	23.12	23.15	24	0
1.4	QPSK	1	3	22.98	22.97	23.05		
1.4	QPSK	1	5	22.93	22.93	22.96		
1.4	QPSK	3	0	22.85	23.09	22.97		
1.4	QPSK	3	1	22.81	22.87	22.82		
1.4	QPSK	3	3	22.81	22.94	22.71		
1.4	QPSK	6	0	22.80	22.86	22.80	24	0
1.4	16QAM	1	0	22.92	23.04	22.83	24	0
1.4	16QAM	1	3	22.86	22.90	22.81		
1.4	16QAM	1	5	22.84	23.00	22.81		
1.4	16QAM	3	0	22.78	22.89	22.78		
1.4	16QAM	3	1	22.85	22.95	22.84		
1.4	16QAM	3	3	22.90	23.03	22.79		
1.4	16QAM	6	0	22.70	22.67	22.69	23.5	0.5
1.4	64QAM	1	0	22.57	22.62	22.57	23.5	0.5
1.4	64QAM	1	3	22.57	22.60	22.55		
1.4	64QAM	1	5	22.70	22.76	22.67		
1.4	64QAM	3	0	22.67	22.86	22.84		
1.4	64QAM	3	1	22.71	22.70	22.69		
1.4	64QAM	3	3	22.72	22.86	22.83		
1.4	64QAM	6	0	21.68	21.91	21.70	22.5	1.5
1.4	256QAM	1	0	19.86	19.92	19.81	20.5	3.5
1.4	256QAM	1	3	19.69	19.76	19.78		
1.4	256QAM	1	5	19.71	19.78	19.65		
1.4	256QAM	3	0	19.73	19.93	19.72		
1.4	256QAM	3	1	19.69	19.76	19.67		
1.4	256QAM	3	3	19.65	19.65	19.58		
1.4	256QAM	6	0	19.54	19.67	19.62	20.5	3.5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	22.53	22.59	22.47	24	0
15	QPSK	1	37	22.38	22.39	22.38		
15	QPSK	1	74	22.28	22.37	22.31		
15	QPSK	36	0	22.37	22.54	22.37	24	0
15	QPSK	36	20	22.37	22.46	22.31		
15	QPSK	36	39	22.31	22.30	22.34		
15	QPSK	75	0	22.31	22.36	22.29		
15	16QAM	1	0	22.29	22.51	22.36	24	0
15	16QAM	1	37	22.34	22.40	22.27		
15	16QAM	1	74	22.28	22.34	22.22		
15	16QAM	36	0	22.33	22.47	22.38	23.5	0.5
15	16QAM	36	20	22.30	22.32	22.26		
15	16QAM	36	39	22.26	22.29	22.26		
15	16QAM	75	0	22.21	22.22	22.14		
15	64QAM	1	0	22.26	22.42	22.27	23.5	0.5
15	64QAM	1	37	22.26	22.27	22.23		
15	64QAM	1	74	22.10	22.25	22.20		
15	64QAM	36	0	21.26	21.37	21.25	22.5	1.5
15	64QAM	36	20	21.21	21.27	21.22		
15	64QAM	36	39	21.11	21.15	21.15		
15	64QAM	75	0	21.04	21.08	21.02		
15	256QAM	1	0	19.46	19.62	19.47	20.5	3.5
15	256QAM	1	37	19.39	19.48	19.44		
15	256QAM	1	74	19.33	19.39	19.39		
15	256QAM	36	0	19.36	19.49	19.36	20.5	3.5
15	256QAM	36	20	19.22	19.40	19.34		
15	256QAM	36	39	19.22	19.34	19.30		
15	256QAM	75	0	19.13	19.21	19.15		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.42	22.46	22.37	24	0
10	QPSK	1	25	22.23	22.33	22.22		
10	QPSK	1	49	22.14	22.25	22.20		
10	QPSK	25	0	22.23	22.44	22.27	24	0
10	QPSK	25	12	22.24	22.39	22.16		
10	QPSK	25	25	22.26	22.19	22.22		
10	QPSK	50	0	22.28	22.25	22.25		
10	16QAM	1	0	22.17	22.41	22.32	24	0
10	16QAM	1	25	22.23	22.36	22.19		
10	16QAM	1	49	22.23	22.20	22.15		
10	16QAM	25	0	22.21	22.41	22.24	23.5	0.5
10	16QAM	25	12	22.23	22.24	22.14		
10	16QAM	25	25	22.17	22.18	22.18		
10	16QAM	50	0	22.10	22.11	22.07		
10	64QAM	1	0	22.16	22.29	22.18	23.5	0.5
10	64QAM	1	25	22.23	22.17	22.11		
10	64QAM	1	49	22.01	22.15	22.13		
10	64QAM	25	0	21.11	21.29	21.21	22.5	1.5
10	64QAM	25	12	21.14	21.22	21.08		
10	64QAM	25	25	21.05	21.07	21.03		
10	64QAM	50	0	20.91	21.02	20.88		
10	256QAM	1	0	19.41	19.50	19.34	20.5	3.5
10	256QAM	1	25	19.32	19.35	19.33		
10	256QAM	1	49	19.19	19.28	19.36		
10	256QAM	25	0	19.28	19.46	19.25	20.5	3.5
10	256QAM	25	12	19.07	19.31	19.21		
10	256QAM	25	25	19.15	19.20	19.16		
10	256QAM	50	0	18.99	19.15	19.04		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.43	22.49	22.40	24	0
5	QPSK	1	12	22.25	22.30	22.33		
5	QPSK	1	24	22.23	22.32	22.21		
5	QPSK	12	0	22.34	22.41	22.28	24	0
5	QPSK	12	7	22.28	22.33	22.20		
5	QPSK	12	13	22.21	22.24	22.25		
5	QPSK	25	0	22.26	22.23	22.21		
5	16QAM	1	0	22.16	22.46	22.24	24	0
5	16QAM	1	12	22.21	22.36	22.16		
5	16QAM	1	24	22.15	22.21	22.13		
5	16QAM	12	0	22.29	22.38	22.25	23.5	0.5
5	16QAM	12	7	22.16	22.28	22.19		
5	16QAM	12	13	22.21	22.22	22.23		
5	16QAM	25	0	22.12	22.14	22.07		
5	64QAM	1	0	22.18	22.32	22.17	23.5	0.5
5	64QAM	1	12	22.21	22.17	22.12		
5	64QAM	1	24	21.97	22.16	22.17		
5	64QAM	12	0	21.15	21.31	21.21	22.5	1.5
5	64QAM	12	7	21.15	21.18	21.14		
5	64QAM	12	13	21.02	21.12	21.03		
5	64QAM	25	0	20.94	21.01	20.87		
5	256QAM	1	0	19.36	19.50	19.39	20.5	3.5
5	256QAM	1	12	19.26	19.34	19.30		
5	256QAM	1	24	19.29	19.31	19.31		
5	256QAM	12	0	19.31	19.43	19.26	20.5	3.5
5	256QAM	12	7	19.13	19.31	19.27		
5	256QAM	12	13	19.17	19.29	19.17		
5	256QAM	25	0	19.06	19.14	19.01		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.50	22.50	22.37	24	0
3	QPSK	1	8	22.34	22.32	22.23		
3	QPSK	1	14	22.14	22.29	22.19		
3	QPSK	8	0	22.30	22.51	22.31	24	0
3	QPSK	8	4	22.32	22.33	22.16		
3	QPSK	8	7	22.22	22.27	22.23		
3	QPSK	15	0	22.24	22.33	22.22		
3	16QAM	1	0	22.21	22.44	22.30	24	0
3	16QAM	1	8	22.29	22.36	22.13		
3	16QAM	1	14	22.22	22.28	22.18		
3	16QAM	8	0	22.21	22.42	22.28	23.5	0.5
3	16QAM	8	4	22.25	22.24	22.18		
3	16QAM	8	7	22.22	22.21	22.15		
3	16QAM	15	0	22.17	22.08	22.09		
3	64QAM	1	0	22.19	22.38	22.12	23.5	0.5
3	64QAM	1	8	22.21	22.24	22.14		
3	64QAM	1	14	22.00	22.22	22.14		
3	64QAM	8	0	21.18	21.29	21.13	22.5	1.5
3	64QAM	8	4	21.10	21.19	21.13		
3	64QAM	8	7	20.98	21.05	21.06		
3	64QAM	15	0	20.99	21.02	20.89		
3	256QAM	1	0	19.41	19.53	19.37	20.5	3.5
3	256QAM	1	8	19.30	19.41	19.35		
3	256QAM	1	14	19.19	19.25	19.28		
3	256QAM	8	0	19.29	19.42	19.30	20.5	3.5
3	256QAM	8	4	19.10	19.29	19.25		
3	256QAM	8	7	19.17	19.26	19.16		
3	256QAM	15	0	19.08	19.16	19.01		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.45	22.52	22.42	24	0
1.4	QPSK	1	3	22.33	22.31	22.26		
1.4	QPSK	1	5	22.14	22.24	22.27		
1.4	QPSK	3	0	22.31	22.42	22.34		
1.4	QPSK	3	1	22.33	22.34	22.17		
1.4	QPSK	3	3	22.28	22.17	22.26		
1.4	QPSK	6	0	22.19	22.30	22.22	24	0
1.4	16QAM	1	0	22.14	22.45	22.29	24	0
1.4	16QAM	1	3	22.21	22.37	22.24		
1.4	16QAM	1	5	22.24	22.24	22.14		
1.4	16QAM	3	0	22.26	22.39	22.33		
1.4	16QAM	3	1	22.21	22.31	22.24		
1.4	16QAM	3	3	22.19	22.23	22.13		
1.4	16QAM	6	0	22.22	22.37	22.35	23.5	0.5
1.4	64QAM	1	0	22.21	22.29	22.20	23.5	0.5
1.4	64QAM	1	3	22.16	22.16	22.22		
1.4	64QAM	1	5	22.15	22.09	22.07		
1.4	64QAM	3	0	22.22	22.36	22.17		
1.4	64QAM	3	1	22.11	22.14	22.19		
1.4	64QAM	3	3	22.06	22.12	22.12		
1.4	64QAM	6	0	21.13	21.34	21.18	22.5	1.5
1.4	256QAM	1	0	19.38	19.54	19.42	20.5	3.5
1.4	256QAM	1	3	19.32	19.36	19.34		
1.4	256QAM	1	5	19.27	19.29	19.31		
1.4	256QAM	3	0	19.27	19.37	19.29		
1.4	256QAM	3	1	19.09	19.31	19.29		
1.4	256QAM	3	3	19.16	19.22	19.22		
1.4	256QAM	6	0	19.08	19.11	19.08	20.5	3.5

Band 30 DSI6_Simultaneous Ant0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		22.30		23.6	0
10	QPSK	1	25		22.28			
10	QPSK	1	49		22.21			
10	QPSK	25	0		22.23		23	0.6
10	QPSK	25	12		22.13			
10	QPSK	25	25		22.20			
10	QPSK	50	0		22.19			
10	16QAM	1	0		22.18		23	0.6
10	16QAM	1	25		22.20			
10	16QAM	1	49		22.15			
10	16QAM	25	0		21.60		22	1.6
10	16QAM	25	12		21.45			
10	16QAM	25	25		21.36			
10	16QAM	50	0		21.38		22	1.6
10	64QAM	1	0		21.71			
10	64QAM	1	25		21.58			
10	64QAM	1	49		21.52		21	2.6
10	64QAM	25	0		20.75			
10	64QAM	25	12		20.57			
10	64QAM	25	25		20.50			
10	64QAM	50	0		20.53			
10	256QAM	1	0		19.38		20	3.6
10	256QAM	1	25		19.22			
10	256QAM	1	49		19.22			
10	256QAM	25	0		18.96		20	3.6
10	256QAM	25	12		18.85			
10	256QAM	25	25		18.78			
10	256QAM	50	0		18.73			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	22.15	22.24	22.18	23.6	0
5	QPSK	1	12	22.14	22.18	22.10		
5	QPSK	1	24	22.10	22.13	22.16		
5	QPSK	12	0	22.13	22.11	22.11	23	0.6
5	QPSK	12	7	22.09	22.06	22.03		
5	QPSK	12	13	22.15	22.11	22.15		
5	QPSK	25	0	22.10	22.15	22.06		
5	16QAM	1	0	22.13	22.11	22.07	23	0.6
5	16QAM	1	12	22.05	22.10	22.12		
5	16QAM	1	24	22.06	22.03	22.04		
5	16QAM	12	0	21.52	21.51	21.46	22	1.6
5	16QAM	12	7	21.38	21.31	21.34		
5	16QAM	12	13	21.28	21.26	21.22		
5	16QAM	25	0	21.28	21.24	21.24		
5	64QAM	1	0	21.57	21.66	21.67	22	1.6
5	64QAM	1	12	21

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	23.17	23.22	23.14		
20	QPSK	1	49	22.99	23.11	22.99	24	0
20	QPSK	1	99	23.02	23.02	22.90		
20	QPSK	50	0	22.96	23.18	23.07		
20	QPSK	50	24	22.92	23.08	22.99	24	0
20	QPSK	50	50	22.85	22.98	22.92		
20	QPSK	100	0	22.88	23.01	22.91		
20	16QAM	1	0	22.80	23.10	22.96		
20	16QAM	1	49	22.87	23.01	22.91	24	0
20	16QAM	1	99	22.83	22.89	22.86		
20	16QAM	50	0	22.61	22.81	22.66		
20	16QAM	50	24	22.60	22.65	22.63	23.5	0.5
20	16QAM	50	50	22.55	22.57	22.57		
20	16QAM	100	0	22.48	22.58	22.54		
20	64QAM	1	0	22.55	22.75	22.64		
20	64QAM	1	49	22.49	22.67	22.54	23.5	0.5
20	64QAM	1	99	22.51	22.58	22.50		
20	64QAM	50	0	21.69	21.90	21.71		
20	64QAM	50	24	21.63	21.77	21.77	22.5	1.5
20	64QAM	50	50	21.63	21.72	21.61		
20	64QAM	100	0	21.57	21.62	21.58		
20	256QAM	1	0	18.86	19.07	18.93		
20	256QAM	1	49	18.89	18.92	18.84	20.5	3.5
20	256QAM	1	99	18.81	18.84	18.83		
20	256QAM	50	0	18.84	18.98	18.80		
20	256QAM	50	24	18.78	18.86	18.74	20.5	3.5
20	256QAM	50	50	18.69	18.77	18.73		
20	256QAM	100	0	18.71	18.70	18.65		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	23.06	23.16	23.00		
15	QPSK	1	37	22.95	23.05	22.94	24	0
15	QPSK	1	74	22.89	22.97	22.84		
15	QPSK	36	0	22.87	23.10	23.02		
15	QPSK	36	20	22.82	23.00	22.92	24	0
15	QPSK	36	39	22.78	22.87	22.78		
15	QPSK	75	0	22.82	22.91	22.78		
15	16QAM	1	0	22.68	23.07	22.90		
15	16QAM	1	37	22.75	22.91	22.85	24	0
15	16QAM	1	74	22.75	22.74	22.75		
15	16QAM	36	0	22.49	22.71	22.60		
15	16QAM	36	20	22.57	22.60	22.60	23.5	0.5
15	16QAM	36	39	22.44	22.52	22.54		
15	16QAM	75	0	22.41	22.45	22.44		
15	64QAM	1	0	22.47	22.62	22.57		
15	64QAM	1	37	22.37	22.56	22.46	23.5	0.5
15	64QAM	1	74	22.45	22.52	22.38		
15	64QAM	36	0	21.59	21.86	21.61		
15	64QAM	36	20	21.51	21.63	21.67	22.5	1.5
15	64QAM	36	39	21.50	21.60	21.52		
15	64QAM	75	0	21.48	21.50	21.51		
15	256QAM	1	0	18.78	18.99	18.80		
15	256QAM	1	37	18.82	18.89	18.78	20.5	3.5
15	256QAM	1	74	18.75	18.79	18.77		
15	256QAM	36	0	18.80	18.86	18.69		
15	256QAM	36	20	18.73	18.73	18.60	20.5	3.5
15	256QAM	36	39	18.58	18.69	18.63		
15	256QAM	75	0	18.63	18.61	18.56		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	23.06	23.10	23.01		
10	QPSK	1	25	22.94	23.02	22.89	24	0
10	QPSK	1	49	22.88	22.96	22.82		
10	QPSK	25	0	22.84	23.07	23.03		
10	QPSK	25	12	22.80	23.01	22.95	24	0
10	QPSK	25	25	22.81	22.87	22.86		
10	QPSK	50	0	22.74	22.96	22.88		
10	16QAM	1	0	22.66	23.07	22.85		
10	16QAM	1	25	22.81	22.93	22.80	24	0
10	16QAM	1	49	22.76	22.75	22.74		
10	16QAM	25	0	22.57	22.76	22.55		
10	16QAM	25	12	22.51	22.59	22.59	23.5	0.5
10	16QAM	25	25	22.52	22.50	22.44		
10	16QAM	50	0	22.35	22.53	22.41		
10	64QAM	1	0	22.45	22.68	22.57		
10	64QAM	1	25	22.41	22.55	22.42	23.5	0.5
10	64QAM	1	49	22.43	22.52	22.43		
10	64QAM	25	0	21.56	21.75	21.61		
10	64QAM	25	12	21.50	21.69	21.69	22.5	1.5
10	64QAM	25	25	21.54	21.57	21.57		
10	64QAM	50	0	21.42	21.52	21.44		
10	256QAM	1	0	18.76	18.96	18.81		
10	256QAM	1	25	18.79	18.82	18.80	20.5	3.5
10	256QAM	1	49	18.73	18.70	18.77		
10	256QAM	25	0	18.71	18.87	18.74		
10	256QAM	25	12	18.75	18.81	18.63	20.5	3.5
10	256QAM	25	25	18.60	18.65	18.62		
10	256QAM	50	0	18.63	18.57	18.53		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	23.03	23.09	23.03		
5	QPSK	1	12	22.89	23.01	22.84	24	0
5	QPSK	1	24	22.91	22.90	22.81		
5	QPSK	12	0	22.85	23.11	22.95		
5	QPSK	12	7	22.79	22.98	22.95	24	0
5	QPSK	12	13	22.76	22.89	22.83		
5	QPSK	25	0	22.84	22.96	22.87		
5	16QAM	1	0	22.72	22.98	22.82		
5	16QAM	1	12	22.80	22.90	22.76	24	0
5	16QAM	1	24	22.75	22.86	22.80		
5	16QAM	12	0	22.47	22.74	22.53		
5	16QAM	12	7	22.57	22.61	22.59	23.5	0.5
5	16QAM	12	13	22.43	22.52	22.51		
5	16QAM	25	0	22.37	22.53	22.48		
5	64QAM	1	0	22.46	22.72	22.57		
5	64QAM	1	12	22.45	22.64	22.46	23.5	0.5
5	64QAM	1	24	22.39	22.51	22.44		
5	64QAM	12	0	21.63	21.80	21.61		
5	64QAM	12	7	21.51	21.67	21.70	22.5	1.5
5	64QAM	12	13	21.58	21.67	21.56		
5	64QAM	25	0	21.51	21.53	21.50		
5	256QAM	1	0	18.76	19.01	18.86		
5	256QAM	1	12	18.77	18.84	18.80	20.5	3.5
5	256QAM	1	24	18.71	18.76	18.78		
5	256QAM	12	0	18.72	18.83	18.71		
5	256QAM	12	7	18.71	18.72	18.68	20.5	3.5
5	256QAM	12	13	18.65	18.66	18.61		
5	256QAM	25	0	18.62	18.61	18.61		
Channel				131897	132322	132747	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	23.03	23.14	23.08		
3	QPSK	1	8	22.89	23.00	22.93	24	0
3	QPSK	1	14	22.98	22.89	22.75		
3	QPSK	8	0	22.87	23.05	23.03		
3	QPSK	8	4	22.89	23.04	22.85	24	0
3	QPSK	8	7	22.78	22.93	22.83		
3	QPSK	15	0	22.79	22.90	22.86		
3	16QAM	1	0	22.76	23.07	22.84		
3	16QAM	1	8	22.82	22.98	22.87	24	0
3	16QAM	1	14	22.76	22.85	22.82		
3	16QAM	8	0	22.56	22.73	22.53		
3	16QAM	8	4	22.54	22.52	22.49	23.5	0.5
3	16QAM	8	7	22.42	22.47	22.52		
3	16QAM	15	0	22.43	22.48	22.51		
3	64QAM	1	0	22.47	22.69	22.50		
3	64QAM	1	8	22.41	22.62	22.46	23.5	0.5
3	64QAM	1	14	22.42	22.48	22.38		
3	64QAM	8	0	21.57	21.85	21.59		
3	64QAM	8	4	21.52	21.68	21.70	22.5	1.5
3	64QAM	8	7	21.51	21.60	21.49		
3	64QAM	15	0	21.45	21.55	21.48		
3	256QAM	1	0	18.75	18.99	18.84		
3	256QAM	1	8	18.85	18.86	18.79	20.5	3.5
3	256QAM	1	14	18.74	18.81	18.70		
3	256QAM	8	0	18.69	18.88	18.73		
3	256QAM	8	4	18.75	18.75	18.68	20.5	3.5
3	256QAM	8	7	18.60	18.72	18.60		
3	256QAM	15	0	18.58	18.60	18.62		
Channel				131975	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	23.11	23.10	23.10		
1.4	QPSK	1	3	22.89	23.04	22.92		
1.4	QPSK	1	5	22.92	22.93	22.86	24	0
1.4	QPSK	3	0	22.82	23.14	22.98		
1.4	QPSK	3	1	22.80	23.04	22.95		
1.4	QPSK	3	3	22.71	22.86	22.84		
1.4	QPSK	6	0	22.74	22.90	22.87	24	0
1.4	16QAM	1	0	22.75	22.99	22.88		
1.4	16QAM	1	3	22.73	22.95	22.81		
1.4	16QAM	1	5	22.79	22.94	22.87	24	0
1.4	16QAM	3	0	22.71	22.99	22.91		
1.4	16QAM	3	1	22.78	22.91	22.83		
1.4	16QAM	3	3	22.73	22.80	22.74		
1.4	16QAM	6	0	22.47	22.76	22.54	23.5	0.5
1.4	64QAM	1	0	22.50	22.60	22.51		
1.4	64QAM	1	3	22.47	22.51	22.43		
1.4	64QAM	1	5	22.43	22.48	22.49	23.5	0.5
1.4	64QAM	3	0	22.42	22.64	22.53		
1.4	64QAM	3	1	22.40	22.61	22.40		
1.4	64QAM	3	3	22.44	22.44	22.40		
1.4	64QAM	6	0	21.66	21.76	21.57	22.5	1.5
1.4	256QAM	1	0	18.73	18.99	18.89		
1.4	256QAM	1	3	18.78	18.85	18.75		
1.4	256QAM	1	5	18.76	18.89	18.69	20.5	3.5
1.4	256QAM	3	0	18.80	18.86	18.76		
1.4	256QAM	3	1	18.74	18.79	18.59		
1.4	256QAM	3	3	18.66	18.69	18.61		
1.4	256QAM	6	0	18.64	18.58	18.60	20.5	3.5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				133222	133322	133372		
Frequency (MHz)				673	683	688		
20	QPSK	1	0	22.95	23.04	22.89		
20	QPSK	1	49	22.84	22.87	22.77	24	0
20	QPSK	1	99	22.71	22.88	22.66		
20	QPSK	50	0	22.76	22.94	22.84		
20	QPSK	50	24	22.77	22.77	22.75	24	0
20	QPSK	50	50	22.71	22.73	22.66		
20	QPSK	100	0	22.66	22.76	22.70		
20	16QAM	1	0	22.78	22.92	22.73		
20	16QAM	1	49	22.69	22.83	22.73	24	0
20	16QAM	1	99	22.61	22.76	22.66		
20	16QAM	50	0	22.53	22.74	22.61		
20	16QAM	50	24	22.50	22.54	22.54	23.5	0.5
20	16QAM	50	50	22.48	22.60	22.51		
20	16QAM	100	0	22.46	22.54	22.45		
20	64QAM	1	0	22.73	22.88	22.76		
20	64QAM	1	49	22.72	22.75	22.72	23.5	0.5
20	64QAM	1	99	22.64	22.69	22.60		
20	64QAM	50	0	21.67	21.83	21.73		
20	64QAM	50	24	21.63	21.72	21.69	22.5	1.5
20	64QAM	50	50	21.56	21.61	21.62		
20	64QAM	100	0	21.49	21.55	21.55		
20	256QAM	1	0	19.64	19.81	19.72		
20	256QAM	1	49	19.57	19.61	19.61	20.5	3.5
20	256QAM	1	99	19.58	19.64	19.55		
20	256QAM	50	0	19.59	19.77	19.58		
20	256QAM	50	24	19.56	19.64	19.53	20.5	3.5
20	256QAM	50	50	19.54	19.64	19.50		
20	256QAM	100	0	19.43	19.48	19.47		
Channel				133197	133297	133397	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	0	22.85	23.00	22.78		
15	QPSK	1	37	22.71	22.75	22.65	24	0
15	QPSK	1	74	22.67	22.82	22.58		
15	QPSK	36	0	22.69	22.88	22.74		
15	QPSK	36	20	22.64	22.63	22.66	24	0
15	QPSK	36	39	22.68	22.64	22.53		
15	QPSK	75	0	22.58	22.61	22.59		
15	16QAM	1	0	22.68	22.78	22.64		
15	16QAM	1	37	22.64	22.69	22.66	24	0
15	16QAM	1	74	22.47	22.69	22.59		
15	16QAM	36	0	22.44	22.62	22.52		
15	16QAM	36	20	22.40	22.49	22.49	23.5	0.5
15	16QAM	36	39	22.45	22.46	22.40		
15	16QAM	75	0	22.33	22.41	22.41		
15	64QAM	1	0	22.68	22.82	22.67		
15	64QAM	1	37	22.68	22.63	22.67	23.5	0.5
15	64QAM	1	74	22.59	22.57	22.55		
15	64QAM	36	0	21.61	21.78	21.58		
15	64QAM	36	20	21.49	21.59	21.57	22.5	1.5
15	64QAM	36	39	21.46	21.47	21.57		
15	64QAM	75	0	21.46	21.50	21.44		
15	256QAM	1	0	19.52	19.68	19.62		
15	256QAM	1	37	19.47	19.53	19.46	20.5	3.5
15	256QAM	1	74	19.54	19.57	19.45		
15	256QAM	36	0	19.48	19.65	19.46		
15	256QAM	36	20	19.43	19.55	19.48	20.5	3.5
15	256QAM	36	39	19.40	19.60	19.43		
15	256QAM	75	0	19.31	19.37	19.36		
Channel				133172	133272	133422	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	678	693		
10	QPSK	1	0	22.83	22.96	22.78		
10	QPSK	1	25	22.75	22.74	22.64	24	0
10	QPSK	1	49	22.67	22.83	22.59		
10	QPSK	25	0	22.71	22.81	22.73		
10	QPSK	25	12	22.70	22.73	22.63	24	0
10	QPSK	25	25	22.66	22.65	22.58		
10	QPSK	50	0	22.60	22.71	22.59		
10	16QAM	1	0	22.73	22.77	22.64		
10	16QAM	1	25	22.58	22.72	22.69	24	0
10	16QAM	1	49	22.50	22.67	22.62		
10	16QAM	25	0	22.42	22.62	22.55		
10	16QAM	25	12	22.40	22.47	22.49	23.5	0.5
10	16QAM	25	25	22.42	22.46	22.40		
10	16QAM	50	0	22.32	22.50	22.40		
10	64QAM	1	0	22.64	22.73	22.65		
10	64QAM	1	25	22.63	22.61	22.59	23.5	0.5
10	64QAM	1	49	22.54	22.55	22.49		
10	64QAM	25	0	21.63	21.71	21.60		
10	64QAM	25	12	21.52	21.63	21.58	22.5	1.5
10	64QAM	25	25	21.41	21.54	21.55		
10	64QAM	50	0	21.35	21.51	21.48		
10	256QAM	1	0	19.60	19.72	19.61		
10	256QAM	1	25	19.42	19.49	19.48	20.5	3.5
10	256QAM	1	49	19.53	19.51	19.49		
10	256QAM	25	0	19.52	19.72	19.55		
10	256QAM	25	12	19.43	19.55	19.43	20.5	3.5
10	256QAM	25	25	19.44	19.53	19.37		
10	256QAM	50	0	19.36	19.37	19.36		
Channel				133147	133247	133447	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	675.5	695.5		
5	QPSK	1	0	22.82	22.90	22.82		
5	QPSK	1	12	22.78	22.83	22.63	24	0
5	QPSK	1	24	22.64	22.84	22.53		
5	QPSK	12	0	22.68	22.81	22.80		
5	QPSK	12	7	22.64	22.69	22.61	24	0
5	QPSK	12	13	22.59	22.60	22.57		
5	QPSK	25	0	22.57	22.71	22.65		
5	16QAM	1	0	22.68	22.82	22.63		
5	16QAM	1	12	22.54	22.75	22.69	24	0
5	16QAM	1	24	22.54	22.70	22.61		
5	16QAM	12	0	22.49	22.71	22.49		
5	16QAM	12	7	22.43	22.42	22.43	23.5	0.5
5	16QAM	12	13	22.38	22.54	22.42		
5	16QAM	25	0	22.42	22.42	22.41		
5	64QAM	1	0	22.68	22.80	22.62		
5	64QAM	1	12	22.62	22.61	22.57	23.5	0.5
5	64QAM	1	24	22.58	22.55	22.48		
5	64QAM	12	0	21.61	21.71	21.64		
5	64QAM	12	7	21.52	21.65	21.63	22.5	1.5
5	64QAM	12	13	21.42	21.50	21.51		
5	64QAM	25	0	21.39	21.43	21.52		
5	256QAM	1	0	19.60	19.74	19.68		
5	256QAM	1	12	19.44	19.48	19.56	20.5	3.5
5	256QAM	1	24	19.45	19.60	19.40		
5	256QAM	12	0	19.54	19.63	19.45		
5	256QAM	12	7	19.41	19.50	19.41	20.5	3.5
5	256QAM	12	13	19.44	19.52	19.40		
5	256QAM	25	0	19.31	19.43	19.36		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2590	2610		
20	QPSK	1	0	20.67	20.69	20.50	22	0
20	QPSK	1	49	20.46	20.43	20.46		
20	QPSK	1	99	20.47	20.43	20.40		
20	QPSK	50	0	20.47	20.55	20.33	22	0
20	QPSK	50	24	20.36	20.50	20.42		
20	QPSK	50	50	20.23	20.36	20.32		
20	QPSK	100	0	20.37	20.52	20.33		
20	16QAM	1	0	20.46	20.57	20.39	22	0
20	16QAM	1	49	20.36	20.45	20.33		
20	16QAM	1	99	20.29	20.33	20.40		
20	16QAM	50	0	20.06	20.23	20.04	21.5	0.5
20	16QAM	50	24	20.10	20.06	20.05		
20	16QAM	50	50	19.87	20.03	19.96		
20	16QAM	100	0	19.92	20.11	20.00		
20	64QAM	1	0	20.03	20.26	20.03	21.5	0.5
20	64QAM	1	49	19.94	20.04	20.10		
20	64QAM	1	99	20.10	20.01	20.06		
20	64QAM	50	0	19.86	20.04	19.95	20.5	1.5
20	64QAM	50	24	19.83	19.90	19.89		
20	64QAM	50	50	19.82	19.86	19.83		
20	64QAM	100	0	19.85	19.88	19.79		
20	256QAM	1	0	17.91	18.08	17.94	18.5	3.5
20	256QAM	1	49	17.82	18.08	17.92		
20	256QAM	1	99	17.86	17.85	17.87		
20	256QAM	50	0	17.94	18.06	17.97	18.5	3.5
20	256QAM	50	24	17.90	17.95	17.90		
20	256QAM	50	50	17.77	17.87	17.81		
20	256QAM	100	0	17.91	18.03	17.94		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2590	2612.5		
15	QPSK	1	0	20.50	20.60	20.47	22	0
15	QPSK	1	37	20.29	20.36	20.42		
15	QPSK	1	74	20.40	20.36	20.23		
15	QPSK	36	0	20.30	20.38	20.27	22	0
15	QPSK	36	20	20.24	20.39	20.31		
15	QPSK	36	39	20.17	20.27	20.24		
15	QPSK	75	0	20.31	20.39	20.25		
15	16QAM	1	0	20.31	20.44	20.25	22	0
15	16QAM	1	37	20.27	20.37	20.17		
15	16QAM	1	74	20.25	20.23	20.33		
15	16QAM	36	0	19.95	20.20	19.88	21.5	0.5
15	16QAM	36	20	19.92	19.95	19.95		
15	16QAM	36	39	19.79	19.93	19.83		
15	16QAM	75	0	19.85	19.99	19.88		
15	64QAM	1	0	19.94	20.23	19.99	21.5	0.5
15	64QAM	1	37	19.77	19.97	20.07		
15	64QAM	1	74	20.01	19.95	19.99		
15	64QAM	36	0	19.77	20.01	19.81	20.5	1.5
15	64QAM	36	20	19.73	19.86	19.85		
15	64QAM	36	39	19.71	19.72	19.79		
15	64QAM	75	0	19.75	19.85	19.69		
15	256QAM	1	0	17.78	17.97	17.88	18.5	3.5
15	256QAM	1	37	17.70	18.04	17.89		
15	256QAM	1	74	17.73	17.82	17.72		
15	256QAM	36	0	17.83	18.00	17.92	18.5	3.5
15	256QAM	36	20	17.86	17.89	17.82		
15	256QAM	36	39	17.64	17.77	17.71		
15	256QAM	75	0	17.79	17.99	17.87		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2590	2615		
10	QPSK	1	0	20.56	20.52	20.46	22	0
10	QPSK	1	25	20.31	20.39	20.41		
10	QPSK	1	49	20.35	20.26	20.34		
10	QPSK	25	0	20.37	20.42	20.22	22	0
10	QPSK	25	12	20.24	20.46	20.26		
10	QPSK	25	25	20.17	20.25	20.22		
10	QPSK	50	0	20.34	20.42	20.28		
10	16QAM	1	0	20.32	20.41	20.25	22	0
10	16QAM	1	25	20.22	20.33	20.29		
10	16QAM	1	49	20.15	20.17	20.33		
10	16QAM	25	0	20.04	20.20	19.98	21.5	0.5
10	16QAM	25	12	20.04	19.93	19.90		
10	16QAM	25	25	19.81	19.86	19.87		
10	16QAM	50	0	19.86	20.04	19.84		
10	64QAM	1	0	19.89	20.09	20.01	21.5	0.5
10	64QAM	1	25	19.82	20.01	20.01		
10	64QAM	1	49	20.06	19.83	20.04		
10	64QAM	25	0	19.81	20.00	19.81	20.5	1.5
10	64QAM	25	12	19.71	19.85	19.78		
10	64QAM	25	25	19.74	19.71	19.75		
10	64QAM	50	0	19.80	19.83	19.72		
10	256QAM	1	0	17.81	18.03	17.84	18.5	3.5
10	256QAM	1	25	17.73	17.97	17.86		
10	256QAM	1	49	17.71	17.70	17.74		
10	256QAM	25	0	17.84	17.93	17.84	18.5	3.5
10	256QAM	25	12	17.80	17.91	17.85		
10	256QAM	25	25	17.69	17.82	17.69		
10	256QAM	50	0	17.85	17.98	17.84		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2590	2617.5		
5	QPSK	1	0	20.56	20.61	20.38	22	0
5	QPSK	1	12	20.31	20.32	20.37		
5	QPSK	1	24	20.44	20.39	20.33		
5	QPSK	12	0	20.38	20.46	20.20	22	0
5	QPSK	12	7	20.24	20.42	20.36		
5	QPSK	12	13	20.11	20.29	20.18		
5	QPSK	25	0	20.20	20.39	20.29		
5	16QAM	1	0	20.31	20.44	20.23	22	0
5	16QAM	1	12	20.28	20.39	20.15		
5	16QAM	1	24	20.16	20.29	20.25		
5	16QAM	12	0	19.93	20.17	19.96	21.5	0.5
5	16QAM	12	7	19.97	19.92	20.00		
5	16QAM	12	13	19.77	19.93	19.80		
5	16QAM	25	0	19.82	19.96	19.93		
5	64QAM	1	0	19.94	20.12	20.00	21.5	0.5
5	64QAM	1	12	19.89	19.98	20.03		
5	64QAM	1	24	19.95	19.91	19.99		
5	64QAM	12	0	19.78	19.89	19.81	20.5	1.5
5	64QAM	12	7	19.75	19.78	19.75		
5	64QAM	12	13	19.72	19.78	19.71		
5	64QAM	25	0	19.80	19.78	19.66		
5	256QAM	1	0	17.83	18.01	17.86	18.5	3.5
5	256QAM	1	12	17.74	18.03	17.82		
5	256QAM	1	24	17.74	17.70	17.78		
5	256QAM	12	0	17.86	17.93	17.85	18.5	3.5
5	256QAM	12	7	17.79	17.86	17.86		
5	256QAM	12	13	17.70	17.81	17.70		
5	256QAM	25	0	17.87	17.89	17.89		

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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)				2536	2549.5	2593	2636.5	2680		
20	QPSK	1	0	22.49	22.62	22.66	22.54	22.44	24	0
20	QPSK	1	49	22.33	22.54	22.52	22.25	22.39		
20	QPSK	1	99	22.26	22.31	22.42	22.25	22.24		
20	QPSK	50	0	22.27	22.18	22.34	22.22	22.28	23.5	0.5
20	QPSK	50	24	22.05	22.15	22.16	22.15	22.02		
20	QPSK	50	50	22.09	22.10	22.16	22.06	22.13		
20	QPSK	100	0	22.25	22.10	22.30	22.10	22.20		
20	16QAM	1	0	22.15	22.13	22.28	22.13	22.14	23.5	0.5
20	16QAM	1	49	22.01	22.04	22.10	22.09	22.00		
20	16QAM	1	99	22.02	22.03	22.13	22.04	22.00		
20	16QAM	50	0	21.32	21.18	21.38	21.24	21.29	22.5	1.5
20	16QAM	50	24	21.12	21.17	21.20	21.25	21.17		
20	16QAM	50	50	21.01	21.08	21.16	21.16	21.04		
20	16QAM	100	0	21.30	21.21	21.33	21.19	21.27		
20	64QAM	1	0	21.41	21.33	21.49	21.36	21.38	22.5	1.5
20	64QAM	1	49	21.32	21.27	21.37	21.27	21.30		
20	64QAM	1	99	21.19	21.24	21.30	21.20	21.20		
20	64QAM	50	0	20.27	20.27	20.40	20.30	20.31	21.5	2.5
20	64QAM	50	24	20.23	20.24	20.32	20.22	20.29		
20	64QAM	50	50	20.19	20.18	20.24	20.13	20.17		
20	64QAM	100	0	20.10	20.14	20.22	20.25	20.10		
20	256QAM	1	0	18.24	18.20	18.37	18.24	18.23	19.5	4.5
20	256QAM	1	49	18.27	18.18	18.37	18.16	18.24		
20	256QAM	1	99	18.10	18.08	18.23	18.15	18.16		
20	256QAM	50	0	18.19	18.14	18.34	18.19	18.19	19.5	4.5
20	256QAM	50	24	18.19	18.14	18.24	18.10	18.14		
20	256QAM	50	50	18.12	18.05	18.20	18.09	18.10		
20	256QAM	100	0	18.14	18.16	18.28	18.10	18.17		
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	22.37	22.58	22.55	22.43	22.33	24.00	0
15	QPSK	1	37	22.17	22.37	22.46	22.09	22.36		
15	QPSK	1	74	22.14	22.25	22.28	22.17	22.11		
15	QPSK	36	0	22.20	22.08	22.24	22.09	22.25	23.5	0.5
15	QPSK	36	20	21.99	22.01	22.09	22.05	21.91		
15	QPSK	36	39	22.03	22.02	22.05	21.99	22.05		
15	QPSK	75	0	22.13	21.96	22.15	22.06	22.11		
15	16QAM	1	0	22.09	21.98	22.16	22.06	22.11	23.5	0.5
15	16QAM	1	37	21.93	22.00	21.97	22.02	21.90		
15	16QAM	1	74	21.99	21.91	22.04	21.97	21.94		
15	16QAM	36	0	21.28	21.04	21.26	21.18	21.26	22.5	1.5
15	16QAM	36	20	20.98	21.09	21.05	21.20	21.09		
15	16QAM	36	39	20.88	21.03	21.01	21.05	20.92		
15	16QAM	75	0	21.17	21.17	21.20	21.04	21.13		
15	64QAM	1	0	21.32	21.20	21.35	21.31	21.33	22.5	1.5
15	64QAM	1	37	21.27	21.18	21.22	21.17	21.22		
15	64QAM	1	74	21.12	21.09	21.23	21.07	21.08		
15	64QAM	36	0	20.20	20.19	20.36	20.20	20.20	21.5	2.5
15	64QAM	36	20	20.09	20.09	20.26	20.17	20.16		
15	64QAM	36	39	20.10	20.15	20.18	19.98	20.12		
15	64QAM	75	0	19.99	20.05	20.08	20.12	20.00		
15	256QAM	1	0	18.15	18.14	18.29	18.13	18.19	19.5	4.5
15	256QAM	1	37	18.20	18.10	18.33	18.02	18.12		
15	256QAM	1	74	18.04	18.02	18.12	18.11	18.08		
15	256QAM	36	0	18.07	18.07	18.21	18.13	18.15	19.5	4.5
15	256QAM	36	20	18.12	18.03	18.16	17.98	18.05		
15	256QAM	36	39	18.08	17.93	18.11	18.02	18.01		
15	256QAM	75	0	18.10	18.11	18.16	18.03	18.06		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.42	22.50	22.49	22.52	22.27	24.00	0
10	QPSK	1	25	22.19	22.51	22.35	22.19	22.31		
10	QPSK	1	49	22.21	22.18	22.34	22.19	22.20		
10	QPSK	25	0	22.16	22.04	22.20	22.08	22.16	23.5	0.5
10	QPSK	25	12	21.91	22.04	22.13	22.12	21.92		
10	QPSK	25	25	21.96	22.05	22.06	21.92	22.04		
10	QPSK	50	0	22.13	21.95	22.18	22.05	22.13		
10	16QAM	1	0	22.10	22.00	22.13	22.05	22.08	23.5	0.5
10	16QAM	1	25	21.89	21.96	22.01	22.01	21.87		
10	16QAM	1	49	21.87	21.90	22.07	21.93	21.86		
10	16QAM	25	0	21.22	21.13	21.29	21.13	21.21	22.5	1.5
10	16QAM	25	12	21.05	21.12	21.15	21.10	21.09		
10	16QAM	25	25	20.89	21.05	21.13	21.06	20.90		
10	16QAM	50	0	21.25	21.07	21.28	21.13	21.15		
10	64QAM	1	0	21.32	21.23	21.40	21.32	21.29	22.5	1.5
10	64QAM	1	25	21.23	21.13	21.33	21.14	21.19		
10	64QAM	1	49	21.15	21.14	21.18	21.11	21.14		
10	64QAM	25	0	20.12	20.17	20.30	20.26	20.23	21.5	2.5
10	64QAM	25	12	20.16	20.15	20.19	20.10	20.26		
10	64QAM	25	25	20.10	20.14	20.18	20.10	20.03		
10	64QAM	50	0	20.00	20.01	20.18	20.12	20.06		
10	256QAM	1	0	18.15	18.06	18.33	18.21	18.20	19.5	4.5
10	256QAM	1	25	18.16	18.08	18.29	18.07	18.12		
10	256QAM	1	49	18.05	17.99	18.18	18.12	18.02		
10	256QAM	25	0	18.14	18.09	18.20	18.09	18.10	19.5	4.5
10	256QAM	25	12	18.13	18.09	18.09	17.97	18.09		
10	256QAM	25	25	18.09	18.01	18.10	17.97	17.95		
10	256QAM	50	0	18.08	18.10	18.17	17.99	18.12		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	22.32	22.47	22.56	22.43	22.42	24.00	0
5	QPSK	1	12	22.20	22.51	22.37	22.13	22.33		
5	QPSK	1	24	22.12	22.27	22.34	22.09	22.20		
5	QPSK	12	0	22.22	22.05	22.23	22.07	22.23	23.5	0.5
5	QPSK	12	7	21.94	22.08	22.06	22.00	21.93		
5	QPSK	12	13	21.99	21.96	22.10	22.01	21.99		
5	QPSK	25	0	22.21	22.04	22.19	21.99	22.17		
5	16QAM	1	0	22.10	22.02	22.15	21.99	22.09	23.5	0.5
5	16QAM	1	12	21.89	21.97	22.06	21.99	21.97		
5	16QAM	1	24	21.87	22.00	22.03	21.95	21.92		
5	16QAM	12	0	21.25	21.12	21.34	21.11	21.20	22.5	1.5
5	16QAM	12	7	20.97	21.03	21.12	21.10	21.09		
5	16QAM	12	13	20.89	20.95	21.02	21.08	20.91		
5	16QAM	25	0	21.18	21.10	21.22	21.08	21.19		
5	64QAM	1	0	21.35	21.27	21.36	21.28	21.27	22.5	1.5
5	64QAM	1	12	21.28	21.13	21.25	21.19	21.16		
5	64QAM	1	24	21.08	21.20	21.26	21.16	21.16		
5	64QAM	12	0	20.12	20.23	20.34	20.20	20.18	21.5	2.5
5	64QAM	12	7	20.14	20.17	20.19	20.15	20.25		
5	64QAM	12	13	20.08	20.04	20.10	20.07	20.04		
5	64QAM	25	0	19.99	19.99	20.16	20.20	20.02		
5	256QAM	1	0	18.13	18.13	18.31	18.11	18.10	19.5	4.5
5	256QAM	1	12	18.24	18.07	18.25	18.02	18.21		
5	256QAM	1	24	17.98	18.00	18.19	18.00	18.01		
5	256QAM	12	0	18.07	18.04	18.20	18.08	18.12	19.5	4.5
5	256QAM	12	7	18.06	18.10	18.14	17.99	18.09		
5	256QAM	12	13	18.01	17.96	18.06	18.03	17.98		
5	256QAM	25	0	18.00	18.06	18.14	18.06	18.09		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	25.60	25.56	25.62	25.46	25.43		
20	QPSK	1	49	25.46	25.23	25.56	25.40	25.36	26	0
20	QPSK	1	99	25.23	25.38	25.42	25.35	25.31		
20	QPSK	50	0	25.42	25.34	25.48	25.21	25.08		
20	QPSK	50	24	25.32	25.23	25.38	25.29	25.10	26	0
20	QPSK	50	50	25.07	25.19	25.20	25.26	25.08		
20	QPSK	100	0	25.32	25.20	25.36	25.28	25.13		
20	16QAM	1	0	25.55	25.46	25.60	25.46	25.41		
20	16QAM	1	49	25.35	25.39	25.48	25.46	25.27	26	0
20	16QAM	1	99	25.30	25.34	25.42	25.44	25.22		
20	16QAM	50	0	24.26	24.15	24.36	24.27	24.10		
20	16QAM	50	24	24.19	24.20	24.28	24.11	24.06	25	1
20	16QAM	50	50	24.11	24.05	24.17	24.11	23.97		
20	16QAM	100	0	24.25	24.21	24.33	24.15	24.17		
20	64QAM	1	0	24.18	24.15	24.29	24.10	24.10		
20	64QAM	1	49	24.02	24.11	24.10	24.10	23.96	25	1
20	64QAM	1	99	24.08	24.03	24.14	24.03	23.96		
20	64QAM	50	0	23.26	23.22	23.38	23.20	23.14		
20	64QAM	50	24	23.15	23.14	23.27	23.19	23.03	24	2
20	64QAM	50	50	23.14	23.10	23.23	23.15	23.06		
20	64QAM	100	0	23.11	23.17	23.23	23.22	23.02		
20	256QAM	1	0	21.51	21.42	21.59	21.46	21.29		
20	256QAM	1	49	21.54	21.40	21.59	21.45	21.30	22	4
20	256QAM	1	99	21.24	21.37	21.38	21.38	21.28		
20	256QAM	50	0	21.36	21.31	21.43	21.35	21.24		
20	256QAM	50	24	21.22	21.16	21.29	21.24	21.04	22	4
20	256QAM	50	50	21.14	21.12	21.21	21.20	21.05		
20	256QAM	100	0	21.32	21.21	21.38	21.19	21.16		
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	25.52	25.47	25.59	25.30	25.28		
15	QPSK	1	37	25.39	25.12	25.50	25.28	25.20	26.00	0
15	QPSK	1	74	25.13	25.30	25.35	25.24	25.23		
15	QPSK	36	0	25.39	25.31	25.31	25.10	24.91		
15	QPSK	36	20	25.20	25.06	25.34	25.19	24.95	26	0
15	QPSK	36	39	24.93	25.03	25.07	25.24	25.04		
15	QPSK	75	0	25.24	25.15	25.23	25.15	25.00		
15	16QAM	1	0	25.43	25.36	25.51	25.38	25.36		
15	16QAM	1	37	25.25	25.30	25.37	25.42	25.23	26	0
15	16QAM	1	74	25.16	25.21	25.28	25.38	25.10		
15	16QAM	36	0	24.22	24.02	24.24	24.16	23.97		
15	16QAM	36	20	24.05	24.08	24.22	24.05	23.92	25	1
15	16QAM	36	39	24.08	23.99	24.08	24.06	23.86		
15	16QAM	75	0	24.19	24.08	24.27	24.04	24.02		
15	64QAM	1	0	24.04	24.10	24.16	24.05	23.99		
15	64QAM	1	37	23.89	24.04	23.97	23.98	23.88	25	1
15	64QAM	1	74	24.03	23.89	24.10	23.94	23.92		
15	64QAM	36	0	23.19	23.18	23.35	23.05	23.05		
15	64QAM	36	20	23.05	22.99	23.22	23.15	22.97	24	2
15	64QAM	36	39	23.04	22.99	23.14	23.10	22.96		
15	64QAM	75	0	23.04	23.03	23.08	23.18	22.92		
15	256QAM	1	0	21.43	21.30	21.51	21.39	21.22		
15	256QAM	1	37	21.42	21.27	21.46	21.36	21.19	22	4
15	256QAM	1	74	21.20	21.26	21.32	21.23	21.20		
15	256QAM	36	0	21.24	21.17	21.34	21.25	21.11		
15	256QAM	36	20	21.08	21.12	21.21	21.16	20.99	22	4
15	256QAM	36	39	21.10	21.08	21.07	21.09	20.98		
15	256QAM	75	0	21.21	21.12	21.31	21.06	21.07		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	25.44	25.44	25.54	25.33	25.27		
10	QPSK	1	25	25.35	25.11	25.51	25.34	25.28	26.00	0
10	QPSK	1	49	25.06	25.30	25.30	25.31	25.16		
10	QPSK	25	0	25.34	25.22	25.36	25.10	24.92		
10	QPSK	25	12	25.28	25.05	25.22	25.14	25.03	26	0
10	QPSK	25	25	24.92	25.06	25.09	25.14	24.97		
10	QPSK	50	0	25.30	25.06	25.23	25.24	24.96		
10	16QAM	1	0	25.47	25.40	25.60	25.41	25.36		
10	16QAM	1	25	25.20	25.34	25.40	25.38	25.12	26	0
10	16QAM	1	49	25.21	25.21	25.28	25.36	25.17		
10	16QAM	25	0	24.23	24.09	24.31	24.12	24.03		
10	16QAM	25	12	24.12	24.15	24.22	24.06	23.91	25	1
10	16QAM	25	25	24.04	23.96	24.14	24.04	23.85		
10	16QAM	50	0	24.18	24.14	24.28	24.06	24.13		
10	64QAM	1	0	24.09	24.09	24.26	24.06	23.97		
10	64QAM	1	25	23.94	23.98	24.02	23.99	23.88	25	1
10	64QAM	1	49	23.94	23.89	24.02	23.92	23.86		
10	64QAM	25	0	23.21	23.08	23.28	23.15	23.03		
10	64QAM	25	12	23.05	23.10	23.24	23.09	22.89	24	2
10	64QAM	25	25	23.02	22.97	23.20	23.08	22.96		
10	64QAM	50	0	22.97	23.07	23.13	23.18	22.98		
10	256QAM	1	0	21.47	21.39	21.54	21.36	21.18		
10	256QAM	1	25	21.51	21.26	21.47	21.39	21.25	22	4
10	256QAM	1	49	21.14	21.30	21.35	21.30	21.22		
10	256QAM	25	0	21.28	21.21	21.36	21.32	21.20		
10	256QAM	25	12	21.09	21.04	21.23	21.17	20.94	22	4
10	256QAM	25	25	20.99	21.07	21.13	21.16	20.96		
10	256QAM	50	0	21.28	21.16	21.27	21.11	21.02		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	25.51	25.43	25.46	25.38	25.40		
5	QPSK	1	12	25.43	25.07	25.45	25.33	25.31	26.00	0
5	QPSK	1	24	25.15	25.24	25.36	25.21	25.26		
5	QPSK	12	0	25.39	25.32	25.41	25.09	24.93		
5	QPSK	12	7	25.24	25.15	25.28	25.12	25.03	26	0
5	QPSK	12	13	24.93	25.06	25.02	25.17	25.05		
5	QPSK	25	0	25.21	25.05	25.28	25.22	25.09		
5	16QAM	1	0	25.47	25.42	25.62	25.38	25.27		
5	16QAM	1	12	25.29	25.29	25.33	25.35	25.24	26	0
5	16QAM	1	24	25.19	25.21	25.36	25.34	25.18		
5	16QAM	12	0	24.20	24.02	24.31	24.20	24.02		
5	16QAM	12	7	24.15	24.14	24.19	24.06	23.97	25	1
5	16QAM	12	13	24.06	23.98	24.03	24.07	23.89		
5	16QAM	25	0	24.12	24.15	24.26	24.06	24.07		
5	64QAM	1	0	24.07	24.10	24.21	24.05	24.00		
5	64QAM	1	12	23.91	23.97	24.02	24.07	23.92	25	1
5	64QAM	1	24	23.97	23.99	24.11	23.99	23.89		
5	64QAM	12	0	23.18	23.14	23.27	23.07	23.06		
5	64QAM	12	7	23.08	23.08	23.15	23.10	22.99	24	2
5	64QAM	12	13	23.00	22.98	23.16	23.05	23.01		
5	64QAM	25	0	23.08	23.11	23.11	23.18	22.98		
5	256QAM	1	0	21.45	21.34	21.49	21.41	21.22		
5	256QAM	1	12	21.48	21.25	21.46	21.37	21.17	22	4
5	256QAM	1	24	21.19	21.30	21.32	21.28	21.22		
5	256QAM	12	0	21.28	21.25	21.33	21.22	21.19		
5	256QAM	12	7	21.19	21.07	21.22	21.20	20.93	22	4
5	256QAM	12	13	21.08	21.06	21.15	21.16	20.96		
5	256QAM	25	0	21.24	21.16	21.25	21.12	21.06		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	21.28	21.44	21.37	21.32		
20	QPSK	1	49	21.23	21.39	21.34	21.25	23	0
20	QPSK	1	99	21.26	21.34	21.19	21.20		
20	QPSK	50	0	21.25	21.37	21.32	21.23		
20	QPSK	50	24	21.24	21.35	21.30	21.31	23	0
20	QPSK	50	50	21.26	21.31	21.26	21.23		
20	QPSK	100	0	21.15	21.28	21.14	21.22		
20	16QAM	1	0	21.31	21.34	21.30	21.24		
20	16QAM	1	49	21.23	21.30	21.20	21.23	23	0
20	16QAM	1	99	21.16	21.29	21.15	21.20		
20	16QAM	50	0	21.16	21.26	21.18	21.15		
20	16QAM	50	24	21.14	21.20	21.17	21.11	22.5	0.5
20	16QAM	50	50	21.10	21.23	21.14	21.19		
20	16QAM	100	0	21.18	21.21	21.15	21.13		
20	64QAM	1	0	21.09	21.15	21.10	21.01		
20	64QAM	1	49	20.99	21.07	20.96	21.04	22.5	0.5
20	64QAM	1	99	21.08	21.13	20.99	21.09		
20	64QAM	50	0	19.96	20.09	20.04	19.98		
20	64QAM	50	24	20.18	20.22	20.08	20.15	21.5	1.5
20	64QAM	50	50	20.15	20.20	20.15	20.14		
20	64QAM	100	0	20.08	20.15	20.10	20.10		
20	256QAM	1	0	18.13	18.25	18.16	18.11		
20	256QAM	1	49	18.14	18.23	18.11	18.13	19	4
20	256QAM	1	99	18.16	18.20	18.16	18.10		
20	256QAM	50	0	18.01	18.15	18.04	18.02		
20	256QAM	50	24	18.14	18.17	18.02	18.05	19	4
20	256QAM	50	50	18.02	18.14	17.99	18.08		
20	256QAM	100	0	18.09	18.11	18.06	17.98		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	21.15	21.40	21.29	21.27		
15	QPSK	1	37	21.14	21.29	21.28	21.10	23	0
15	QPSK	1	74	21.20	21.20	21.06	21.13		
15	QPSK	36	0	21.17	21.24	21.18	21.18		
15	QPSK	36	20	21.09	21.22	21.25	21.23	23	0
15	QPSK	36	39	21.13	21.26	21.19	21.13		
15	QPSK	75	0	21.06	21.18	21.11	21.14		
15	16QAM	1	0	21.18	21.22	21.22	21.14		
15	16QAM	1	37	21.13	21.17	21.16	21.11	23	0
15	16QAM	1	74	21.10	21.16	21.07	21.09		
15	16QAM	36	0	21.06	21.18	21.14	21.09		
15	16QAM	36	20	21.04	21.07	21.03	20.99	22.5	0.5
15	16QAM	36	39	21.05	21.19	21.10	21.15		
15	16QAM	75	0	21.10	21.10	21.11	21.02		
15	64QAM	1	0	20.95	21.04	21.04	20.93		
15	64QAM	1	37	20.89	20.93	20.88	20.98	22.5	0.5
15	64QAM	1	74	20.95	21.02	20.91	21.03		
15	64QAM	36	0	19.93	20.05	19.99	19.85		
15	64QAM	36	20	20.06	20.07	20.04	20.07	21.5	1.5
15	64QAM	36	39	20.04	20.15	20.11	20.05		
15	64QAM	75	0	20.00	20.08	19.97	20.04		
15	256QAM	1	0	18.04	18.17	18.07	18.00		
15	256QAM	1	37	18.03	18.14	18.00	18.10	19	4
15	256QAM	1	74	18.12	18.08	18.13	17.99		
15	256QAM	36	0	17.91	18.03	17.94	17.95		
15	256QAM	36	20	18.10	18.07	17.90	17.95	19	4
15	256QAM	36	39	17.99	18.04	17.94	18.04		
15	256QAM	75	0	18.02	18.02	17.94	17.92		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	21.23	21.37	21.33	21.21		
10	QPSK	1	25	21.13	21.35	21.28	21.11	23	0
10	QPSK	1	49	21.12	21.22	21.10	21.13		
10	QPSK	25	0	21.19	21.32	21.18	21.12		
10	QPSK	25	12	21.18	21.23	21.18	21.20	23	0
10	QPSK	25	25	21.12	21.22	21.20	21.11		
10	QPSK	50	0	21.06	21.22	21.03	21.18		
10	16QAM	1	0	21.28	21.28	21.19	21.13		
10	16QAM	1	25	21.10	21.25	21.13	21.16	23	0
10	16QAM	1	49	21.02	21.20	21.09	21.10		
10	16QAM	25	0	21.12	21.21	21.04	21.10		
10	16QAM	25	12	21.02	21.16	21.05	21.07	22.5	0.5
10	16QAM	25	25	20.96	21.12	21.05	21.14		
10	16QAM	50	0	21.14	21.08	21.11	21.05		
10	64QAM	1	0	21.03	21.06	20.98	20.97		
10	64QAM	1	25	20.96	21.04	20.84	21.01	22.5	0.5
10	64QAM	1	49	21.03	20.98	20.92	20.98		
10	64QAM	25	0	19.92	19.95	19.91	19.94		
10	64QAM	25	12	20.11	20.10	19.93	20.03	21.5	1.5
10	64QAM	25	25	20.07	20.11	20.08	20.03		
10	64QAM	50	0	19.94	20.02	20.05	20.06		
10	256QAM	1	0	18.03	18.15	18.12	18.07		
10	256QAM	1	25	18.10	18.14	18.07	18.00	19	4
10	256QAM	1	49	18.03	18.12	18.12	17.98		
10	256QAM	25	0	17.95	18.10	17.90	17.94		
10	256QAM	25	12	18.02	18.06	17.99	17.91	19	4
10	256QAM	25	25	17.94	18.08	17.90	18.00		
10	256QAM	50	0	18.03	18.07	17.98	17.92		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	21.15	21.31	21.28	21.19		
5	QPSK	1	12	21.14	21.35	21.28	21.19	23	0
5	QPSK	1	24	21.11	21.31	21.15	21.10		
5	QPSK	12	0	21.15	21.29	21.19	21.10		
5	QPSK	12	7	21.20	21.25	21.22	21.19	23	0
5	QPSK	12	13	21.14	21.19	21.18	21.11		
5	QPSK	25	0	21.11	21.19	21.09	21.16		
5	16QAM	1	0	21.23	21.27	21.18	21.11		
5	16QAM	1	12	21.16	21.18	21.08	21.19	23	0
5	16QAM	1	24	21.10	21.16	21.02	21.11		
5	16QAM	12	0	21.05	21.15	21.05	21.12		
5	16QAM	12	7	21.09	21.11	21.10	21.06	22.5	0.5
5	16QAM	12	13	21.01	21.15	21.03	21.08		
5	16QAM	25	0	21.08	21.07	21.03	21.07		
5	64QAM	1	0	21.03	21.07	20.95	20.93		
5	64QAM	1	12	20.91	20.99	20.87	20.90	22.5	0.5
5	64QAM	1	24	21.04	20.99	20.85	20.97		
5	64QAM	12	0	19.83	19.97	19.97	19.85		
5	64QAM	12	7	20.15	20.17	19.99	20.06	21.5	1.5
5	64QAM	12	13	20.11	20.14	20.03	20.00		
5	64QAM	25	0	20.04	20.11	20.03	19.99		
5	256QAM	1	0	18.01	18.16	18.13	18.04		
5	256QAM	1	12	18.10	18.17	18.00	18.00	19	4
5	256QAM	1	24	18.04	18.10	18.02	18.06		
5	256QAM	12	0	17.93	18.01	17.99	17.97		
5	256QAM	12	7	18.06	18.03	17.90	17.95	19	4
5	256QAM	12	13	17.94	18.05	17.92	17.95		
5	256QAM	25	0	18.00	18.06	18.01	17.84		

GSM850 Ant 1

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	31.42	31.48	31.36	32.50	22.42	22.48	22.36	23.50
GPRS 1 Tx slot	31.39	31.45	31.33	32.50	22.39	22.45	22.33	23.50
GPRS 2 Tx slots	28.27	28.39	28.32	29.50	22.27	22.39	22.32	23.50
GPRS 3 Tx slots	26.80	26.91	26.80	28.00	22.54	22.65	22.54	23.74
GPRS 4 Tx slots	25.16	25.22	25.17	26.00	22.16	22.22	22.17	23.00
EDGE 1 Tx slot	24.03	24.17	24.05	25.00	15.03	15.17	15.05	16.00
EDGE 2 Tx slots	22.29	22.41	22.34	23.50	16.29	16.41	16.34	17.50
EDGE 3 Tx slots	21.15	21.23	21.08	22.00	16.89	16.97	16.82	17.74
EDGE 4 Tx slots	18.99	19.08	18.93	20.00	15.99	16.08	15.93	17.00

GSM1900 Ant 1

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	27.66	27.74	27.63	28.50	18.66	18.74	18.63	19.50
GPRS 1 Tx slot	27.52	27.67	27.57	28.50	18.52	18.67	18.57	19.50
GPRS 2 Tx slots	25.06	25.09	24.98	26.00	19.06	19.09	18.98	20.00
GPRS 3 Tx slots	23.36	23.42	23.32	24.50	19.10	19.16	19.06	20.24
GPRS 4 Tx slots	20.62	20.74	20.63	21.50	17.62	17.74	17.63	18.50
EDGE 1 Tx slot	22.78	22.86	22.72	23.50	13.78	13.86	13.72	14.50
EDGE 2 Tx slots	21.13	21.22	21.13	22.00	15.13	15.22	15.13	16.00
EDGE 3 Tx slots	19.86	19.96	19.86	21.00	15.60	15.70	15.60	16.74
EDGE 4 Tx slots	17.91	18.05	17.97	19.00	14.91	15.05	14.97	16.00

WCDMA II Ant 1 | WCDMA IV Ant 1 | WCDMA V Ant 1

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	21.45	21.53	21.44	23.00	21.42	21.44	21.31	23.00	21.14	21.17	21.04	23.00
3GPP Rel 99	RMC 12.2Kbps	21.48	21.57	21.51	23.00	21.45	21.49	21.37	23.00	21.17	21.23	21.09	23.00
3GPP Rel 6	HSDPA Subtest-1	20.55	20.64	20.47	22.00	20.46	20.57	20.32	22.00	20.23	20.23	20.02	22.00
3GPP Rel 6	HSDPA Subtest-2	20.48	20.57	20.52	22.00	20.42	20.50	20.41	22.00	20.12	20.22	20.17	22.00
3GPP Rel 6	HSDPA Subtest-3	20.02	20.14	20.10	21.50	19.91	20.02	19.95	21.50	19.57	19.70	19.69	21.50
3GPP Rel 6	HSDPA Subtest-4	19.95	20.18	20.08	21.50	19.87	20.11	19.94	21.50	19.56	19.79	19.61	21.50
3GPP Rel 8	DC-HSDPA Subtest-1	20.50	20.70	20.45	22.00	20.46	20.63	20.35	22.00	20.21	20.32	20.01	22.00
3GPP Rel 8	DC-HSDPA Subtest-2	20.37	20.42	20.36	22.00	20.33	20.29	20.28	22.00	20.08	20.06	19.94	22.00
3GPP Rel 8	DC-HSDPA Subtest-3	19.99	19.96	19.92	21.50	19.94	19.84	19.88	21.50	19.69	19.58	19.65	21.50
3GPP Rel 8	DC-HSDPA Subtest-4	19.87	19.94	19.99	21.50	19.82	19.80	19.93	21.50	19.49	19.47	19.64	21.50
3GPP Rel 6	HSUPA Subtest-1	20.56	20.61	20.66	22.00	20.43	20.56	20.56	22.00	20.15	20.22	20.28	22.00
3GPP Rel 6	HSUPA Subtest-2	18.53	18.67	18.52	20.00	18.42	18.53	18.39	20.00	18.09	18.19	18.13	20.00
3GPP Rel 6	HSUPA Subtest-3	19.53	19.62	19.58	21.00	19.43	19.53	19.47	21.00	19.19	19.20	19.15	21.00
3GPP Rel 6	HSUPA Subtest-4	18.45	18.48	18.44	20.00	18.37	18.45	18.35	20.00	18.04	18.14	18.03	20.00
3GPP Rel 6	HSUPA Subtest-5	20.59	20.49	20.39	22.00	20.55	20.36	20.33	22.00	20.21	20.03	20.08	22.00

Band 2 Default Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	20.90	21.09	20.98	22	0
20	QPSK	1	49	20.75	21.04	20.88		
20	QPSK	1	99	20.80	20.88	20.76		
20	QPSK	50	0	20.99	21.04	20.89		
20	QPSK	50	24	20.87	20.99	20.90	22	0
20	QPSK	50	50	20.88	20.92	20.80		
20	QPSK	100	0	20.90	20.96	20.87		
20	16QAM	1	0	20.80	20.93	20.79		
20	16QAM	1	49	20.77	20.83	20.83	22	0
20	16QAM	1	99	20.69	20.73	20.77		
20	16QAM	50	0	20.82	20.88	20.76		
20	16QAM	50	24	20.72	20.85	20.69	21.5	0.5
20	16QAM	50	50	20.72	20.79	20.66		
20	16QAM	100	0	20.76	20.85	20.77		
20	64QAM	1	0	20.71	20.80	20.71		
20	64QAM	1	49	20.67	20.76	20.72	21.5	0.5
20	64QAM	1	99	20.56	20.71	20.61		
20	64QAM	50	0	19.80	19.88	19.76		
20	64QAM	50	24	19.77	19.73	19.69	20.5	1.5
20	64QAM	50	50	19.71	19.72	19.69		
20	64QAM	100	0	19.86	19.83	19.80		
20	256QAM	1	0	17.86	17.99	17.89	18.5	3.5
20	256QAM	1	49	17.87	17.99	17.89		
20	256QAM	1	99	17.82	17.86	17.81		
20	256QAM	50	0	17.88	17.94	17.88		
20	256QAM	50	24	17.73	17.83	17.80	18.5	3.5
20	256QAM	50	50	17.75	17.81	17.69		
20	256QAM	100	0	17.81	17.87	17.74		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	20.86	21.02	20.89	22	0
15	QPSK	1	37	20.75	20.99	20.80		
15	QPSK	1	74	20.73	21.00	20.86		
15	QPSK	36	0	20.93	21.03	20.87		
15	QPSK	36	20	20.78	20.91	20.88		
15	QPSK	36	39	20.90	20.83	20.73		
15	QPSK	75	0	20.82	20.95	20.77		
15	16QAM	1	0	20.75	20.91	20.81	22	0
15	16QAM	1	37	20.76	20.73	20.84		
15	16QAM	1	74	20.66	20.74	20.71		
15	16QAM	36	0	20.72	20.81	20.67	21.5	0.5
15	16QAM	36	20	20.64	20.84	20.69		
15	16QAM	36	39	20.66	20.80	20.57		
15	16QAM	75	0	20.73	20.83	20.75		
15	64QAM	1	0	20.70	20.72	20.67	21.5	0.5
15	64QAM	1	37	20.66	20.76	20.74		
15	64QAM	1	74	20.49	20.69	20.55		
15	64QAM	36	0	19.72	19.86	19.74	20.5	1.5
15	64QAM	36	20	19.76	19.81	19.66		
15	64QAM	36	39	19.71	19.63	19.61		
15	64QAM	75	0	19.86	19.82	19.78		
15	256QAM	1	0	17.80	17.90	17.86	18.5	3.5
15	256QAM	1	37	17.84	17.88	17.78		
15	256QAM	1	74	17.76	17.85	17.72		
15	256QAM	36	0	17.86	17.93	17.81		
15	256QAM	36	20	17.73	17.82	17.78	18.5	3.5
15	256QAM	36	39	17.66	17.74	17.66		
15	256QAM	75	0	17.73	17.89	17.68		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	20.89	21.05	20.91	22	0
10	QPSK	1	25	20.70	20.95	20.82		
10	QPSK	1	49	20.71	20.94	20.92		
10	QPSK	25	0	20.94	20.94	20.87		
10	QPSK	25	12	20.84	20.95	20.84	22	0
10	QPSK	25	25	20.84	20.85	20.83		
10	QPSK	50	0	20.80	20.86	20.82		
10	16QAM	1	0	20.79	20.95	20.74		
10	16QAM	1	25	20.78	20.74	20.85	22	0
10	16QAM	1	49	20.62	20.73	20.73		
10	16QAM	25	0	20.83	20.89	20.70		
10	16QAM	25	12	20.72	20.84	20.66	21.5	0.5
10	16QAM	25	25	20.68	20.80	20.64		
10	16QAM	50	0	20.73	20.87	20.77		
10	64QAM	1	0	20.64	20.75	20.71	21.5	0.5
10	64QAM	1	25	20.64	20.76	20.64		
10	64QAM	1	49	20.49	20.69	20.55		
10	64QAM	25	0	19.75	19.87	19.67	20.5	1.5
10	64QAM	25	12	19.75	19.65	19.71		
10	64QAM	25	25	19.67	19.67	19.67		
10	64QAM	50	0	19.79	19.77	19.82		
10	256QAM	1	0	17.81	17.92	17.86	18.5	3.5
10	256QAM	1	25	17.81	17.92	17.85		
10	256QAM	1	49	17.73	17.79	17.76		
10	256QAM	25	0	17.82	17.85	17.80	18.5	3.5
10	256QAM	25	12	17.69	17.78	17.75		
10	256QAM	25	25	17.75	17.78	17.70		
10	256QAM	50	0	17.82	17.78	17.68		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	20.81	21.06	20.88	22	0
5	QPSK	1	12	20.65	20.99	20.82		
5	QPSK	1	24	20.72	21.01	20.90		
5	QPSK	12	0	20.90	21.01	20.81	22	0
5	QPSK	12	7	20.87	20.95	20.86		
5	QPSK	12	13	20.86	20.84	20.73		
5	QPSK	25	0	20.87	20.94	20.79		
5	16QAM	1	0	20.78	20.90	20.76	22	0
5	16QAM	1	12	20.73	20.74	20.78		
5	16QAM	1	24	20.62	20.67	20.71		
5	16QAM	12	0	20.83	20.83	20.78	21.5	0.5
5	16QAM	12	7	20.71	20.79	20.64		
5	16QAM	12	13	20.71	20.75	20.62		
5	16QAM	25	0	20.73	20.78	20.74		
5	64QAM	1	0	20.65	20.77	20.62	21.5	0.5
5	64QAM	1	12	20.69	20.66	20.73		
5	64QAM	1	24	20.48	20.68	20.53		
5	64QAM	12	0	19.71	19.82	19.66	20.5	1.5
5	64QAM	12	7	19.73	19.65	19.68		
5	64QAM	12	13	19.73	19.72	19.60		
5	64QAM	25	0	19.80	19.79	19.79		
5	256QAM	1	0	17.76	17.97	17.81	18.5	3.5
5	256QAM	1	12	17.79	17.96	17.85		
5	256QAM	1	24	17.78	17.78	17.81		
5	256QAM	12	0	17.78	17.89	17.80	18.5	3.5
5	256QAM	12	7	17.66	17.84	17.81		
5	256QAM	12	13	17.73	17.76	17.59		
5	256QAM	25	0	17.78	17.84	17.73		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	20.91	21.00	20.91	22	0
3	QPSK	1	8	20.76	20.94	20.81		
3	QPSK	1	14	20.70	20.93	20.83		
3	QPSK	8	0	20.97	20.99	20.84	22	0
3	QPSK	8	4	20.82	21.00	20.88		
3	QPSK	8	7	20.90	20.87	20.76		
3	QPSK	15	0	20.84	20.86	20.86		
3	16QAM	1	0	20.82	20.94	20.71	22	0
3	16QAM	1	8	20.72	20.75	20.77		
3	16QAM	1	14	20.65	20.68	20.77		
3	16QAM	8	0	20.74	20.88	20.76	21.5	0.5
3	16QAM	8	4	20.72	20.79	20.64		
3	16QAM	8	7	20.66	20.81	20.60		
3	16QAM	15	0	20.78	20.80	20.70		
3	64QAM	1	0	20.71	20.74	20.63	21.5	0.5
3	64QAM	1	8	20.61	20.74	20.65		
3	64QAM	1	14	20.46	20.71	20.56		
3	64QAM	8	0	19.79	19.79	19.71	20.5	1.5
3	64QAM	8	4	19.71	19.64	19.69		
3	64QAM	8	7	19.61	19.63	19.67		
3	64QAM	15	0	19.79	19.73	19.77		
3	256QAM	1	0	17.84	17.94	17.88	18.5	3.5
3	256QAM	1	8	17.88	17.94	17.87		
3	256QAM	1	14	17.81	17.82	17.75		
3	256QAM	8	0	17.88	17.92	17.79		
3	256QAM	8	4	17.65	17.84	17.78	18.5	3.5
3	256QAM	8	7	17.70	17.81	17.71		
3	256QAM	15	0	17.80	17.78	17.75		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	20.81	21.07	20.93	22	0
1.4	QPSK	1	3	20.66	20.93	20.79		
1.4	QPSK	1	5	20.76	20.96	20.83		
1.4	QPSK	3	0	20.95	21.00	20.80		
1.4	QPSK	3	1	20.77	20.88	20.78		
1.4	QPSK	3	3	20.84	20.89	20.72		
1.4	QPSK	6	0	20.86	20.91	20.83	22	0
1.4	16QAM	1	0	20.73	20.81	20.76	22	0
1.4	16QAM	1	3	20.73	20.71	20.75		
1.4	16QAM	1	5	20.68	20.66	20.65		
1.4	16QAM	3	0	20.71	20.80	20.69		
1.4	16QAM	3	1	20.68	20.79	20.77		
1.4	16QAM	3	3	20.64	20.66	20.73		
1.4	16QAM	6	0	20.70	20.77	20.74	21.5	0.5
1.4	64QAM	1	0	20.60	20.76	20.64	21.5	0.5
1.4	64QAM	1	3	20.60	20.77	20.58		
1.4	64QAM	1	5	20.63	20.80	20.73		
1.4	64QAM	3	0	20.67	20.77	20.65		
1.4	64QAM	3	1	20.64	20.67	20.64		
1.4	64QAM	3	3	20.50	20.64	20.51		
1.4	64QAM	6	0	19.76	19.84	19.68	20.5	1.5
1.4	256QAM	1	0	17.76	17.92	17.76	18.5	3.5
1.4	256QAM	1	3	17.76	17.95	17.77		
1.4	256QAM	1	5	17.69	17.74	17.80		
1.4	256QAM	3	0	17.76	17.90	17.83		
1.4	256QAM	3	1	17.67	17.78	17.71		
1.4	256QAM	3	3	17.65	17.74	17.62		
1.4	256QAM	6	0	17.75	17.75	17.64	18.5	3.5

Band 4 Default Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	20.93	21.08	20.89	22	0
20	QPSK	1	49	20.80	20.94	20.80		
20	QPSK	1	99	20.77	20.80	20.78		
20	QPSK	50	0	20.75	20.91	20.83		
20	QPSK	50	24	20.72	20.81	20.79	22	0
20	QPSK	50	50	20.74	20.78	20.77		
20	QPSK	100	0	20.78	20.85	20.83		
20	16QAM	1	0	20.87	20.92	20.80		
20	16QAM	1	49	20.78	20.85	20.75	22	0
20	16QAM	1	99	20.67	20.83	20.68		
20	16QAM	50	0	20.74	20.80	20.66		
20	16QAM	50	24	20.68	20.74	20.66	21.5	0.5
20	16QAM	50	50	20.62	20.70	20.62		
20	16QAM	100	0	20.63	20.78	20.69		
20	64QAM	1	0	20.78	20.85	20.75		
20	64QAM	1	49	20.74	20.80	20.74	21.5	0.5
20	64QAM	1	99	20.59	20.70	20.72		
20	64QAM	50	0	19.74	19.90	19.79		
20	64QAM	50	24	19.70	19.83	19.71	20.5	1.5
20	64QAM	50	50	19.64	19.78	19.66		
20	64QAM	100	0	19.68	19.74	19.75		
20	256QAM	1	0	17.99	18.06	18.01	18.5	3.5
20	256QAM	1	49	17.92	18.06	17.88		
20	256QAM	1	99	17.89	17.94	17.86		
20	256QAM	50	0	17.65	17.82	17.71		
20	256QAM	50	24	17.66	17.77	17.71	18.5	3.5
20	256QAM	50	50	17.57	17.72	17.68		
20	256QAM	100	0	17.65	17.77	17.70		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	20.86	21.02	20.78	22	0
15	QPSK	1	37	20.70	20.88	20.75		
15	QPSK	1	74	20.66	20.86	20.73		
15	QPSK	36	0	20.63	20.85	20.74		
15	QPSK	36	20	20.62	20.76	20.67	22	0
15	QPSK	36	39	20.60	20.67	20.69		
15	QPSK	75	0	20.69	20.75	20.76		
15	16QAM	1	0	20.80	20.78	20.76	22	0
15	16QAM	1	37	20.67	20.78	20.62		
15	16QAM	1	74	20.62	20.73	20.58		
15	16QAM	36	0	20.67	20.75	20.56		
15	16QAM	36	20	20.58	20.69	20.63	21.5	0.5
15	16QAM	36	39	20.50	20.64	20.50		
15	16QAM	75	0	20.66	20.68	20.68		
15	64QAM	1	0	20.68	20.76	20.63	21.5	0.5
15	64QAM	1	37	20.66	20.69	20.68		
15	64QAM	1	74	20.48	20.62	20.64		
15	64QAM	36	0	19.94	20.05	19.74	20.5	1.5
15	64QAM	36	20	19.83	19.70	19.56		
15	64QAM	36	39	19.55	19.66	19.51		
15	64QAM	75	0	19.65	19.67	19.63		
15	256QAM	1	0	17.86	17.92	17.89	18.5	3.5
15	256QAM	1	37	17.78	18.01	17.84		
15	256QAM	1	74	17.78	17.81	17.73		
15	256QAM	36	0	17.57	17.74	17.59	18.5	3.5
15	256QAM	36	20	17.62	17.65	17.65		
15	256QAM	36	39	17.42	17.60	17.54		
15	256QAM	75	0	17.56	17.64	17.58		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	20.85	20.99	20.75	22	0
10	QPSK	1	25	20.75	20.84	20.74		
10	QPSK	1	49	20.66	20.77	20.68		
10	QPSK	25	0	20.66	20.83	20.73		
10	QPSK	25	12	20.64	20.69	20.72	22	0
10	QPSK	25	25	20.64	20.71	20.67		
10	QPSK	50	0	20.69	20.81	20.76		
10	16QAM	1	0	20.77	20.85	20.68		
10	16QAM	1	25	20.71	20.71	20.71	22	0
10	16QAM	1	49	20.59	20.73	20.56		
10	16QAM	25	0	20.62	20.67	20.57		
10	16QAM	25	12	20.59	20.60	20.52	21.5	0.5
10	16QAM	25	25	20.58	20.64	20.48		
10	16QAM	50	0	20.49	20.69	20.59		
10	64QAM	1	0	20.66	20.71	20.67	21.5	0.5
10	64QAM	1	25	20.70	20.71	20.63		
10	64QAM	1	49	20.55	20.62	20.61		
10	64QAM	25	0	19.63	19.76	19.72	20.5	1.5
10	64QAM	25	12	19.58	19.69	19.64		
10	64QAM	25	25	19.58	19.69	19.60		
10	64QAM	50	0	19.56	19.67	19.62		
10	256QAM	1	0	17.90	17.97	17.89	18.5	3.5
10	256QAM	1	25	17.83	17.95	17.82		
10	256QAM	1	49	17.83	17.82	17.75		
10	256QAM	25	0	17.54	17.70	17.60	18.5	3.5
10	256QAM	25	12	17.63	17.63	17.61		
10	256QAM	25	25	17.51	17.67	17.64		
10	256QAM	50	0	17.52	17.68	17.55		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	20.80	20.94	20.78	22	0
5	QPSK	1	12	20.73	20.90	20.68		
5	QPSK	1	24	20.68	20.87	20.70		
5	QPSK	12	0	20.70	20.84	20.69	22	0
5	QPSK	12	7	20.65	20.76	20.67		
5	QPSK	12	13	20.67	20.71	20.72		
5	QPSK	25	0	20.66	20.73	20.79		
5	16QAM	1	0	20.71	20.87	20.76	22	0
5	16QAM	1	12	20.74	20.73	20.86		
5	16QAM	1	24	20.57	20.75	20.63		
5	16QAM	12	0	20.67	20.66	20.60	21.5	0.5
5	16QAM	12	7	20.59	20.68	20.55		
5	16QAM	12	13	20.60	20.66	20.67		
5	16QAM	25	0	20.55	20.63	20.55		
5	64QAM	1	0	20.75	20.75	20.60	21.5	0.5
5	64QAM	1	12	20.65	20.73	20.64		
5	64QAM	1	24	20.51	20.68	20.60		
5	64QAM	12	0	19.67	19.79	19.66	20.5	1.5
5	64QAM	12	7	19.55	19.71	19.57		
5	64QAM	12	13	19.56	19.70	19.56		
5	64QAM	25	0	19.63	19.60	19.68		
5	256QAM	1	0	17.94	18.00	17.89	18.5	3.5
5	256QAM	1	12	17.86	17.98	17.85		
5	256QAM	1	24	17.78	17.91	17.74		
5	256QAM	12	0	17.61	17.78	17.63	18.5	3.5
5	256QAM	12	7	17.55	17.70	17.65		
5	256QAM	12	13	17.47	17.64	17.64		
5	256QAM	25	0	17.57	17.69	17.65		
Channel				19950	20175	20400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	20.79	21.04	20.79	22	0
3	QPSK	1	8	20.69	20.80	20.71		
3	QPSK	1	14	20.72	20.81	20.71		
3	QPSK	8	0	20.64	20.88	20.77	22	0
3	QPSK	8	4	20.68	20.76	20.64		
3	QPSK	8	7	20.61	20.64	20.71		
3	QPSK	15	0	20.73	20.73	20.69		
3	16QAM	1	0	20.73	20.81	20.70	22	0
3	16QAM	1	8	20.64	20.72	20.66		
3	16QAM	1	14	20.53	20.73	20.54		
3	16QAM	8	0	20.61	20.71	20.62	21.5	0.5
3	16QAM	8	4	20.59	20.69	20.58		
3	16QAM	8	7	20.47	20.63	20.48		
3	16QAM	15	0	20.52	20.72	20.61		
3	64QAM	1	0	20.75	20.70	20.64	21.5	0.5
3	64QAM	1	8	20.64	20.76	20.62		
3	64QAM	1	14	20.55	20.57	20.62		
3	64QAM	8	0	19.59	19.79	19.67	20.5	1.5
3	64QAM	8	4	19.58	19.68	19.59		
3	64QAM	8	7	19.59	19.71	19.57		
3	64QAM	15	0	19.55	19.61	19.71		
3	256QAM	1	0	17.88	18.00	17.86	18.5	3.5
3	256QAM	1	8	17.89	18.02	17.78		
3	256QAM	1	14	17.75	17.87	17.83		
3	256QAM	8	0	17.51	17.71	17.56	18.5	3.5
3	256QAM	8	4	17.55	17.62	17.62		
3	256QAM	8	7	17.48	17.60	17.57		
3	256QAM	15	0	17.55	17.71	17.62		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	20.80	20.99	20.81	22	0
1.4	QPSK	1	3	20.69	20.86	20.69		
1.4	QPSK	1	5	20.68	20.79	20.74		
1.4	QPSK	3	0	20.67	20.78	20.78		
1.4	QPSK	3	1	20.66	20.70	20.69		
1.4	QPSK	3	3	20.70	20.69	20.74		
1.4	QPSK	6	0	20.71	20.77	20.76	22	0
1.4	16QAM	1	0	20.78	20.79	20.72	22	0
1.4	16QAM	1	3	20.74	20.81	20.64		
1.4	16QAM	1	5	20.61	20.87	20.74		
1.4	16QAM	3	0	20.61	20.78	20.73		
1.4	16QAM	3	1	20.69	20.67	20.74		
1.4	16QAM	3	3	20.72	20.73	20.74		
1.4	16QAM	6	0	20.62	20.74	20.57	21.5	0.5
1.4	64QAM	1	0	20.55	20.60	20.58	21.5	0.5
1.4	64QAM	1	3	20.47	20.63	20.57		
1.4	64QAM	1	5	20.59	20.73	20.61		
1.4	64QAM	3	0	20.71	20.74	20.70		
1.4	64QAM	3	1	20.68	20.65	20.66		
1.4	64QAM	3	3	20.46	20.62	20.61		
1.4	64QAM	6	0	19.69	19.86	19.74	20.5	1.5
1.4	256QAM	1	0	17.87	17.95	17.96	18.5	3.5
1.4	256QAM	1	3	17.86	17.94	17.75		
1.4	256QAM	1	5	17.76	17.90	17.71		
1.4	256QAM	3	0	17.53	17.72	17.58		
1.4	256QAM	3	1	17.53	17.68	17.65		
1.4	256QAM	3	3	17.45	17.67	17.62		
1.4	256QAM	6	0	17.57	17.74	17.60	18.5	3.5

Band 5 Default Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	21.22	21.31	21.26	22	0
10	QPSK	1	25	21.16	21.28	21.20		
10	QPSK	1	49	21.08	21.16	21.12		
10	QPSK	25	0	21.13	21.25	21.19		
10	QPSK	25	12	21.12	21.16	21.11	22	0
10	QPSK	25	25	20.99	21.09	21.03		
10	QPSK	50	0	21.03	21.18	21.11		
10	16QAM	1	0	21.05	21.16	21.06		
10	16QAM	1	25	21.04	21.03

Band 12 Default Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	21.61	21.73	21.68	23	0
10	QPSK	1	25	21.43	21.61	21.52		
10	QPSK	1	49	21.47	21.49	21.52		
10	QPSK	25	0	21.60	21.70	21.55	23	0
10	QPSK	25	12	21.55	21.63	21.53		
10	QPSK	25	25	21.46	21.48	21.46		
10	QPSK	50	0	21.51	21.57	21.45		
10	16QAM	1	0	21.55	21.63	21.51	23	0
10	16QAM	1	25	21.40	21.48	21.36		
10	16QAM	1	49	21.35	21.48	21.44		
10	16QAM	25	0	21.39	21.59	21.49	22.5	0.5
10	16QAM	25	12	21.34	21.46	21.40		
10	16QAM	25	25	21.38	21.39	21.41		
10	16QAM	50	0	21.33	21.54	21.40		
10	64QAM	1	0	21.34	21.50	21.36	22.5	0.5
10	64QAM	1	25	21.26	21.32	21.33		
10	64QAM	1	49	21.24	21.36	21.28		
10	64QAM	25	0	20.40	20.53	20.43	21.5	1.5
10	64QAM	25	12	20.37	20.43	20.31		
10	64QAM	25	25	20.28	20.34	20.33		
10	64QAM	50	0	20.25	20.37	20.31		
10	256QAM	1	0	18.44	18.62	18.48	19.5	3.5
10	256QAM	1	25	18.42	18.62	18.49		
10	256QAM	1	49	18.41	18.37	18.33		
10	256QAM	25	0	18.35	18.53	18.42	19.5	3.5
10	256QAM	25	12	18.26	18.37	18.36		
10	256QAM	25	25	18.24	18.32	18.32		
10	256QAM	50	0	18.33	18.45	18.30		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	21.56	21.63	21.54	23	0
5	QPSK	1	12	21.37	21.56	21.43		
5	QPSK	1	24	21.33	21.44	21.40		
5	QPSK	12	0	21.51	21.58	21.44	23	0
5	QPSK	12	7	21.49	21.58	21.39		
5	QPSK	12	13	21.34	21.39	21.41		
5	QPSK	25	0	21.40	21.46	21.33		
5	16QAM	1	0	21.48	21.51	21.40	23	0
5	16QAM	1	12	21.30	21.37	21.23		
5	16QAM	1	24	21.22	21.37	21.31		
5	16QAM	12	0	21.31	21.46	21.41	22.5	0.5
5	16QAM	12	7	21.23	21.39	21.27		
5	16QAM	12	13	21.27	21.32	21.38		
5	16QAM	25	0	21.26	21.43	21.34		
5	64QAM	1	0	21.20	21.36	21.22	22.5	0.5
5	64QAM	1	12	21.12	21.17	21.27		
5	64QAM	1	24	21.13	21.26	21.20		
5	64QAM	12	0	20.31	20.41	20.30	21.5	1.5
5	64QAM	12	7	20.33	20.34	20.19		
5	64QAM	12	13	20.17	20.20	20.18		
5	64QAM	25	0	20.15	20.22	20.24		
5	256QAM	1	0	18.36	18.53	18.35	19.5	3.5
5	256QAM	1	12	18.31	18.50	18.45		
5	256QAM	1	24	18.28	18.31	18.25		
5	256QAM	12	0	18.30	18.45	18.31	19.5	3.5
5	256QAM	12	7	18.17	18.24	18.23		
5	256QAM	12	13	18.20	18.23	18.20		
5	256QAM	25	0	18.30	18.42	18.17		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	21.46	21.66	21.63	23	0
3	QPSK	1	8	21.32	21.54	21.37		
3	QPSK	1	14	21.42	21.43	21.38		
3	QPSK	8	0	21.55	21.59	21.43	23	0
3	QPSK	8	4	21.48	21.52	21.39		
3	QPSK	8	7	21.32	21.40	21.38		
3	QPSK	15	0	21.37	21.53	21.37		
3	16QAM	1	0	21.47	21.57	21.37	23	0
3	16QAM	1	8	21.30	21.41	21.33		
3	16QAM	1	14	21.22	21.42	21.30		
3	16QAM	8	0	21.26	21.49	21.41	22.5	0.5
3	16QAM	8	4	21.21	21.38	21.30		
3	16QAM	8	7	21.28	21.32	21.27		
3	16QAM	15	0	21.22	21.47	21.36		
3	64QAM	1	0	21.20	21.40	21.29	22.5	0.5
3	64QAM	1	8	21.12	21.29	21.19		
3	64QAM	1	14	21.12	21.23	21.18		
3	64QAM	8	0	20.37	20.43	20.39	21.5	1.5
3	64QAM	8	4	20.23	20.28	20.25		
3	64QAM	8	7	20.16	20.19	20.27		
3	64QAM	15	0	20.19	20.25	20.22		
3	256QAM	1	0	18.30	18.47	18.36	19.5	3.5
3	256QAM	1	8	18.27	18.49	18.43		
3	256QAM	1	14	18.28	18.33	18.28		
3	256QAM	8	0	18.28	18.40	18.31	19.5	3.5
3	256QAM	8	4	18.18	18.26	18.30		
3	256QAM	8	7	18.20	18.19	18.29		
3	256QAM	15	0	18.23	18.36	18.17		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	21.46	21.69	21.55	23	0
1.4	QPSK	1	3	21.35	21.50	21.49		
1.4	QPSK	1	5	21.40	21.44	21.45		
1.4	QPSK	3	0	21.57	21.57	21.40		
1.4	QPSK	3	1	21.48	21.59	21.39		
1.4	QPSK	3	3	21.35	21.33	21.35		
1.4	QPSK	6	0	21.39	21.50	21.30	23	0
1.4	16QAM	1	0	21.50	21.56	21.39	23	0
1.4	16QAM	1	3	21.34	21.40	21.33		
1.4	16QAM	1	5	21.26	21.42	21.40		
1.4	16QAM	3	0	21.28	21.46	21.39		
1.4	16QAM	3	1	21.26	21.44	21.28		
1.4	16QAM	3	3	21.23	21.37	21.35		
1.4	16QAM	6	0	21.21	21.48	21.34	22.5	0.5
1.4	64QAM	1	0	21.28	21.41	21.27	22.5	0.5
1.4	64QAM	1	3	21.13	21.21	21.19		
1.4	64QAM	1	5	21.19	21.28	21.18		
1.4	64QAM	3	0	21.23	21.36	21.32		
1.4	64QAM	3	1	21.23	21.23	21.20		
1.4	64QAM	3	3	21.10	21.22	21.17		
1.4	64QAM	6	0	20.35	20.41	20.29	21.5	1.5
1.4	256QAM	1	0	18.37	18.49	18.44	19.5	3.5
1.4	256QAM	1	3	18.33	18.55	18.44		
1.4	256QAM	1	5	18.29	18.28	18.24		
1.4	256QAM	3	0	18.27	18.39	18.30		
1.4	256QAM	3	1	18.14	18.30	18.24		
1.4	256QAM	3	3	18.15	18.24	18.22		
1.4	256QAM	6	0	18.27	18.30	18.19	19.5	3.5

Band 13 Default Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		21.67		23	0
10	QPSK	1	25		21.48			
10	QPSK	1	49		21.50			
10	QPSK	25	0		21.63		23	0
10	QPSK	25	12		21.50			
10	QPSK	25	25		21.39			
10	QPSK	50	0		21.56			
10	16QAM	1	0		21.50		23	0
10	16QAM	1	25		21.45			
10	16QAM	1	49		21.45			
10	16QAM	25	0		21.47		22.5	0.5
10	16QAM	25	12		21.42			
10	16QAM	25	25		21.40			
10	16QAM	50	0		21.36			
10	64QAM	1	0		21.19		22.5	0.5
10	64QAM	1	25		21.04			
10	64QAM	1	49		21.02			
10	64QAM	25	0		20.21		21.5	1.5
10	64QAM	25	12		20.12			
10	64QAM	25	25		20.14			
10	64QAM	50	0		19.82			
10	256QAM	1	0		18.18		19.5	3.5
10	256QAM	1	25		18.12			
10	256QAM	1	49		17.99			
10	256QAM	25	0		18.14		19.5	3.5
10	256QAM	25	12		17.97			
10	256QAM	25	25		18.01			
10	256QAM	50	0		18.12			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	21.53	21.62	21.58	23	0
5	QPSK	1	12	21.42	21.44	21.34		
5	QPSK	1	24	21.42	21.38	21.46		
5	QPSK	12	0	21.54	21.57	21.49	23	0
5	QPSK	12	7	21.46	21.45	21.36		
5	QPSK	12	13	21.32	21.32	21.35		
5	QPSK	25	0	21.45	21.46	21.45		
5	16QAM	1	0	21.47	21.37	21.38	23	0
5	16QAM	1	12	21.32	21.31	21.30		
5	16QAM	1	24	21.36	21.37	21.42		
5	16QAM	12	0	21.33	21.33	21.42	22.5	0.5
5	16QAM	12	7	21.35	21.36	21.38		
5	16QAM	12	13	21.28	21.27	21.28		
5	16QAM	25	0	21.26	21.32	21.32		
5	64QAM	1	0	21.08	21.14	21.14	22.5	0.5
5	64QAM	1	12	20.96	20.94	20.97		
5	64QAM	1	24	20.94	20.91	20.95		
5	64QAM	12	0	20.14	20.13	20.18	21.5	1.5
5	64QAM	12	7	20.06	20.06	20.05		
5	64QAM	12	13	20.04	20.01	20.07		
5	64QAM	25	0	19.77	19.71	19.77		
5	256QAM	1	0	18.11	18.15	18.08	19.5	3.5
5	256QAM	1	12	18.07	18.07	18.01		
5	256QAM	1	24	17.94	17.94	17.85		
5	256QAM	12	0	18.08	18.10	18.10	19.5	3.5
5	256QAM	12	7	17.83	17.93	17.85		
5	256QAM	12	13	17.97	17.92	17.96		
5	256QAM	25	0	18.04	18.07	17.97		

Band 14 Default Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23330			
Frequency (MHz)					793			
10	QPSK	1	0		21.72		23	0
10	QPSK	1	25		21.53			
10	QPSK	1	49		21.54			
10	QPSK	25	0		21.68		23	0
10	QPSK	25	12		21.52			
10	QPSK	25	25		21.49			
10	QPSK	50	0		21.60			
10	16QAM	1	0		21.57		23	0
10	16QAM	1	25		21.39			
10	16QAM	1	49		21.37			
10	16QAM	25	0		21.52		22.5	0.5
10	16QAM	25	12		21.43			
10	16QAM	25	25		21.37			
10	16QAM	50	0		21.46			
10	64QAM	1	0		21.13		22.5	0.5
10	64QAM	1	25		21.05			
10	64QAM	1	49		20.93			
10	64QAM	25	0		20.16		21.5	1.5
10	64QAM	25	12		19.96			
10	64QAM	25	25		19.99			
10	64QAM	50	0		20.08			
10	256QAM	1	0		18.43		19.5	3.5
10	256QAM	1	25		18.43			
10	256QAM	1	49		18.29			
10	256QAM	25	0		18.42		19.5	3.5
10	256QAM	25	12		18.23			
10	256QAM	25	25		18.24			
10	256QAM	50	0		18.45			
Channel				23305	23330	23355	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	0	21.56	21.60	21.43	23	0
5	QPSK	1	12	21.52	21.57	21.25		
5	QPSK	1	24	21.48	21.48	21.25		
5	QPSK	12	0	21.45	21.59	21.37	23	0
5	QPSK	12	7	21.32	21.42	21.35		
5	QPSK	12	13	21.35	21.40	21.35		
5	QPSK	25	0	21.38	21.57	21.38		
5	16QAM	1	0	21.29	21.46	21.40	23	0
5	16QAM	1	12	21.32	21.35	21.31		
5	16QAM	1	24	21.26	21.23	21.25		
5	16QAM	12	0	21.36	21.46	21.29	22.5	0.5
5	16QAM	12	7	21.24	21.34	21.27		
5	16QAM	12	13	21.16	21.23	21.14		
5	16QAM	25	0	21.19	21.38	21.30		
5	64QAM	1	0	20.92	21.01	20.91	22.5	0.5
5	64QAM	1	12	20.80	20.81	20.91		
5	64QAM	1	24	20.75	20.92	20.85		
5	64QAM	12	0	19.90	20.10	19.88	21.5	1.5
5	64QAM	12	7	19.81	19.89	19.82		
5	64QAM	12	13	19.87	19.97	19.88		
5	64QAM	25	0	19.98	20.01	19.98		
5	256QAM	1	0	18.12	18.39	18.17	19.5	3.5
5	256QAM	1	12	18.14	18.40	18.06		
5	256QAM	1	24	18.11	18.13	18.16		
5	256QAM	12	0	18.11	18.33	18.11	19.5	3.5
5	256QAM	12	7	18.11	18.15	18.03		
5	256QAM	12	13	18.05	18.20	18.09		
5	256QAM	25	0	18.24	18.35	18.15		

Band 17 Default Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	21.61	21.66	21.56	23	0
10	QPSK	1	25	21.42	21.49	21.38		
10	QPSK	1	49	21.46	21.48	21.42		
10	QPSK	25	0	21.32	21.58	21.41	23	0
10	QPSK	25	12	21.33	21.35	21.27		
10	QPSK	25	25	21.32	21.31	21.29		
10	QPSK	50	0	21.48	21.52	21.47		
10	16QAM	1	0	21.31	21.51	21.40	23	0
10	16QAM	1	25	21.25	21.35	21.34		
10	16QAM	1	49	21.24	21.37	21.33		
10	16QAM	25	0	21.24	21.41	21.32	22.5	0.5
10	16QAM	25	12	21.17	21.23	21.10		
10	16QAM	25	25	21.20	21.27	21.18		
10	16QAM	50	0	21.22	21.36	21.30		
10	64QAM	1	0	21.12	21.34	21.27	22.5	0.5
10	64QAM	1	25	21.08	21.22	21.10		
10	64QAM	1	49	21.03	21.20	21.09		
10	64QAM	25	0	20.28	20.39	20.23	21.5	1.5
10	64QAM	25	12	20.15	20.25	20.16		
10	64QAM	25	25	20.19	20.23	20.14		
10	64QAM	50	0	20.28	20.27	20.21		
10	256QAM	1	0	18.28	18.41	18.31	19.5	3.5
10	256QAM	1	25	18.19	18.41	18.27		
10	256QAM	1	49	18.13	18.19	18.21		
10	256QAM	25	0	18.08	18.26	18.10	19.5	3.5
10	256QAM	25	12	18.10	18.08	18.09		
10	256QAM	25	25	18.05	18.08	17.97		
10	256QAM	50	0	18.21	18.34	18.26		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	21.47	21.58	21.41	23	0
5	QPSK	1	12	21.38	21.37	21.31		
5	QPSK	1	24	21.42	21.43	21.33		
5	QPSK	12	0	21.23	21.47	21.27	23	0
5	QPSK	12	7	21.24	21.23	21.14		
5	QPSK	12	13	21.22	21.23	21.26		
5	QPSK	25	0	21.41	21.46	21.39		
5	16QAM	1	0	21.18	21.39	21.27	23	0
5	16QAM	1	12	21.13	21.28	21.26		
5	16QAM	1	24	21.21	21.22	21.22		
5	16QAM	12	0	21.21	21.30	21.23	22.5	0.5
5	16QAM	12	7	21.10	21.13	21.03		
5	16QAM	12	13	21.11	21.23	21.13		
5	16QAM	25	0	21.16	21.25	21.21		
5	64QAM	1	0	21.05	21.29	21.21	22.5	0.5
5	64QAM	1	12	21.02	21.18	20.95		
5	64QAM	1	24	20.96	21.16	21.03		
5	64QAM	12	0	20.19	20.35	20.19	21.5	1.5
5	64QAM	12	7	20.05	20.19	20.04		
5	64QAM	12	13	20.06	20.12	20.05		
5	64QAM	25	0	20.19	20.22	20.11		
5	256QAM	1	0	18.22	18.31	18.24	19.5	3.5
5	256QAM	1	12	18.06	18.34	18.14		
5	256QAM	1	24	18.00	18.10	18.07		
5	256QAM	12	0	18.02	18.12	18.07	19.5	3.5
5	256QAM	12	7	18.03	18.02	18.00		
5	256QAM	12	13	17.99	18.01	17.82		
5	256QAM	25	0	18.11	18.24	18.12		