Main PA Full&Default power

	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	32.84	32.79	32.88	33.40	23.84	23.79	23.88	24.40
GPRS 1 Tx slot	32.81	32.74	32.85	33.40	23.81	23.74	23.85	24.40
GPRS 2 Tx slots	29.79	29.71	29.85	30.40	23.79	23.71	23.85	24.40
GPRS 3 Tx slots	28.05	27.89	28.00	28.60	23.79	23.63	23.74	24.34
GPRS 4 Tx slots	26.94	27.04	27.00	27.40	23.94	24.04	24.00	24.40
EDGE 1 Tx slot	26.65	26.66	26.63	27.50	17.65	17.66	17.63	18.50
EDGE 2 Tx slots	23.97	23.91	23.97	24.50	17.97	17.91	17.97	18.50
EDGE 3 Tx slots	22.08	22.10	22.13	22.70	17.82	17.84	17.87	18.44
EDGE 4 Tx slots	20.98	20.94	21.00	21.50	17.98	17.94	18.00	18.50

		WCDMA V Ant0 Default				WCDMA IV Ant0 Default			
Band		WCDMA V			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)
TX Channel		4132	4182	4233		1312	1413	1513	
Rx Channel		4357	4407	4458		1537	1638	1738	
Frequency (MHz)		826.4	836.4	846.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	24.11	24.15	24.13	25.00	22.26	22.29	22.24	23.70
3GPP Rel 99	RMC 12.2Kbps	24.22	24.28	24.21	25.00	22.31	22.39	22.33	23.70
3GPP Rel 6	HSDPA Subtest-1	23.16	23.22	23.10	24.00	21.23	21.27	21.29	22.70
3GPP Rel 6	HSDPA Subtest-2	23.12	23.23	23.06	24.00	21.26	21.34	21.13	22.70
3GPP Rel 6	HSDPA Subtest-3	22.53	22.80	22.63	23.50	20.66	20.78	20.77	22.20
3GPP Rel 6	HSDPA Subtest-4	22.54	22.78	22.65	23.50	20.61	20.84	20.72	22.20
3GPP Rel 8	DC-HSDPA Subtest-1	23.19	23.18	23.06	24.00	21.35	21.37	21.11	22.70
3GPP Rel 8	DC-HSDPA Subtest-2	23.20	23.17	23.05	24.00	21.21	21.37	21.17	22.70
3GPP Rel 8	DC-HSDPA Subtest-3	22.55	22.66	22.60	23.50	20.63	20.81	20.62	22.20
3GPP Rel 8	DC-HSDPA Subtest-4	22.66	22.66	22.58	23.50	20.74	20.88	20.71	22.20
3GPP Rel 6	HSUPA Subtest-1	22.99	23.15	23.25	24.00	21.17	21.37	21.34	22.70
3GPP Rel 6	HSUPA Subtest-2	21.11	21.24	21.17	22.00	19.25	19.32	19.29	20.70
3GPP Rel 6	HSUPA Subtest-3	22.20	22.16	22.14	23.00	20.32	20.32	20.12	21.70
3GPP Rel 6	HSUPA Subtest-4	21.01	21.16	21.24	22.00	19.19	19.29	19.33	20.70
3GPP Rel 6	HSUPA Subtest-5	23.20	23.18	23.09	24.00	21.21	21.35	21.15	22.70
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.74	20.70	20.57	21.50	18.73	18.84	18.68	20.20

Band 4 Ant0 Default

BW [MHz]	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	23.94	24.08	23.98	25.5	0
20	QPSK	1	49	23.87	23.97	23.87		
20	QPSK	1	99	23.88	23.94	23.93		
20	QPSK	50	0	23.95	24.02	23.91		
20	QPSK	50	24	23.87	23.91	23.78	25.5	0
20	QPSK	50	50	23.92	24.00	23.90		
20	QPSK	100	0	23.86	23.96	23.91		
20	16QAM	1	0	23.96	24.07	23.93		
20	16QAM	1	49	23.94	24.01	23.87	25.5	0
20	16QAM	1	99	23.85	23.94	23.87		
20	16QAM	50	0	22.91	23.04	23.00		
20	16QAM	50	24	22.81	22.91	22.87	24.5	1
20	16QAM	50	50	22.90	22.94	22.80		
20	16QAM	100	0	22.96	23.00	22.94		
20	64QAM	1	0	22.91	23.06	22.98		
20	64QAM	1	49	22.83	22.93	22.78	24.5	1
20	64QAM	1	99	22.85	22.96	22.87		
20	64QAM	50	0	21.95	22.02	21.97		
20	64QAM	50	24	21.84	21.98	21.90	23.5	2
20	64QAM	50	50	21.79	21.93	21.80		
20	64QAM	100	0	21.84	21.97	21.93		
20	256QAM	1	0	19.04	19.09	19.00		
20	256QAM	1	49	18.92	18.95	18.82	20.5	5
20	256QAM	1	99	18.88	19.02	18.99		
20	256QAM	50	0	18.82	18.96	18.89		
20	256QAM	50	24	18.77	18.85	18.70	20.5	5
20	256QAM	50	50	18.79	18.86	18.78		
20	256QAM	100	0	18.90	19.01	18.89		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	23.83	23.99	23.86	25.5	0
15	QPSK	1	37	23.83	23.90	23.77		
15	QPSK	1	74	23.82	24.00	23.89		
15	QPSK	36	0	23.86	23.96	23.85		
15	QPSK	36	20	23.77	23.83	23.68	25.5	0
15	QPSK	36	39	23.72	23.88	23.78		
15	QPSK	75	0	23.76	23.85	23.76		
15	16QAM	1	0	23.85	24.03	23.81		
15	16QAM	1	37	23.85	23.95	23.74	25.5	0
15	16QAM	1	74	23.75	23.86	23.76		
15	16QAM	36	0	22.77	22.95	22.89		
15	16QAM	36	20	22.70	22.78	22.78	24.5	1
15	16QAM	36	39	22.86	22.85	22.75		
15	16QAM	75	0	22.86	22.87	22.84		
15	64QAM	1	0	22.86	23.02	22.91		
15	64QAM	1	37	22.73	22.79	22.75	24.5	1
15	64QAM	1	74	22.80	22.82	22.81		
15	64QAM	36	0	21.84	21.90	21.85		
15	64QAM	36	20	21.80	21.87	21.86	23.5	2
15	64QAM	36	39	21.69	21.87	21.71		
15	64QAM	75	0	21.72	21.86	21.90		
15	256QAM	1	0	18.92	19.03	18.93		
15	256QAM	1	37	18.78	18.83	18.67	20.5	5
15	256QAM	1	74	18.84	18.93	18.93		
15	256QAM	36	0	18.73	18.89	18.81		
15	256QAM	36	20	18.68	18.77	18.63	20.5	5
15	256QAM	36	39	18.88	18.87	18.65		
15	256QAM	75	0	18.78	18.90	18.76		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	23.86	24.02	23.92	25.5	0
10	QPSK	1	25	23.73	23.84	23.81		
10	QPSK	1	49	23.84	23.92	23.88		
10	QPSK	25	0	23.85	23.93	23.77		
10	QPSK	25	12	23.76	23.83	23.70	25.5	0
10	QPSK	25	25	23.82	23.86	23.86		
10	QPSK	50	0	23.83	23.91	23.78		
10	16QAM	1	0	23.84	23.94	23.81		
10	16QAM	1	25	23.81	23.98	23.82	25.5	0
10	16QAM	1	49	23.81	23.91	23.81		
10	16QAM	25	0	22.77	22.96	22.91		
10	16QAM	25	12	22.75	22.77	22.80	24.5	1
10	16QAM	25	25	22.79	22.84	22.73		
10	16QAM	50	0	22.81	22.93	22.91		
10	64QAM	1	0	22.77	22.93	22.87		
10	64QAM	1	25	22.74	22.85	22.66	24.5	1
10	64QAM	1	49	22.82	22.82	22.75		
10	64QAM	25	0	21.81	21.96	21.87		
10	64QAM	25	12	21.75	21.87	21.79	23.5	2
10	64QAM	25	25	21.66	21.87	21.76		
10	64QAM	50	0	21.79	21.86	21.88		
10	256QAM	1	0	18.93	18.94	18.86		
10	256QAM	1	25	18.84	18.88	18.74	20.5	5
10	256QAM	1	49	18.85	18.98	18.89		
10	256QAM	25	0	18.71	18.87	18.85		
10	256QAM	25	12	18.74	18.76	18.65	20.5	5
10	256QAM	25	25	18.71	18.82	18.68		
10	256QAM	50	0	18.87	18.93	18.83		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	23.85	23.94	23.85	25.5	0
5	QPSK	1	12	23.74	23.94	23.82		
5	QPSK	1	24	23.81	23.92	23.89		
5	QPSK	12	0	23.88	23.95	23.77		
5	QPSK	12	7	23.79	23.82	23.69	25.5	0
5	QPSK	12	13	23.81	23.97	23.75		
5	QPSK	25	0	23.81	23.90	23.82		
5	16QAM	1	0	23.87	23.94	23.88		
5	16QAM	1	12	23.80	23.86	23.78	25.5	0
5	16QAM	1	24	23.73	23.90	23.78		
5	16QAM	12	0	22.85	22.90	22.91		
5	16QAM	12	7	22.75	22.87	22.77	24.5	1
5	16QAM	12	13	22.82	22.84	22.70		
5	16QAM	25	0	22.93	22.92	22.83		
5	64QAM	1	0	22.77	23.00	22.94		
5	64QAM	1	12	22.75	22.89	22.64	24.5	1
5	64QAM	1	24	22.81	22.86	22.72		
5	64QAM	12	0	21.89	21.90	21.82		
5	64QAM	12	7	21.78	21.92	21.81	23.5	2
5	64QAM	12	13	21.68	21.86	21.70		
5	64QAM	25	0	21.74	21.86	21.86		
5	256QAM	1	0	18.90	19.03	18.90		
5	256QAM	1	12	18.85	18.85	18.76	20.5	5
5	256QAM	1	24	18.79	18.89	18.87		
5	256QAM	12	0	18.80	18.91	18.81		
5	256QAM	12	7	18.65	18.78	18.65	20.5	5
5	256QAM	12	13	18.75	18.80	18.64		
5	256QAM	25	0	18.86	18.96	18.75		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	23.89	24.03	23.95	25.5	0
3	QPSK	1	8	23.81	23.87	23.81		
3	QPSK	1	14	23.84	23.89	23.89		
3	QPSK	8	0	23.80	23.92	23.87		
3	QPSK	8	4	23.79	23.79	23.74	25.5	0
3	QPSK	8	7	23.85	23.95	23.82		
3	QPSK	15	0	23.75	23.87	23.83		
3	16QAM	1	0	23.91	23.98	23.79		
3	16QAM	1	8	23.80	23.92	23.76	25.5	0
3	16QAM	1	14	23.70	23.82	23.82		
3	16QAM	8	0	22.80	22.98	22.89		
3	16QAM	8	4	22.71	22.83	22.76	24.5	1
3	16QAM	8	7	22.81	22.81	22.74		
3	16QAM	15	0	22.83	22.86	22.84		
3	64QAM	1	0	22.78	23.00	22.86		
3	64QAM	1	8	22.74	22.84	22.67	24.5	1
3	64QAM	1	14	22.73	22.90	22.73		
3	64QAM	8	0	21.87	21.92	21.88		
3	64QAM	8	4	21.80	21.95	21.76	23.5	2
3	64QAM	8	7	21.67	21.82	21.73		
3	64QAM	15	0	21.74	21.93	21.89		
3	256QAM	1	0	18.91	18.99	18.94		
3	256QAM	1	8	18.88	18.89	18.76	20.5	5
3	256QAM	1	14	18.78	18.95	18.91		
3	256QAM	8	0	18.72	18.84	18.84		
3	256QAM	8	4	18.64	18.79	18.58	20.5	5
3	256QAM	8	7	18.67	18.87	18.64		
3	256QAM	15	0	18.77	18.94	18.76		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	23.81	24.03	23.84	25.5	0
1.4	QPSK	1	3	23.83	23.93	23.78		
1.4	QPSK	1	5	23.78	23.91	23.90		
1.4	QPSK	3	0	23.89	23.97	23.81		
1.4	QPSK	3	1	23.75	23.77	23.73		
1.4	QPSK	3	3	23.79	23.94	23.82		
1.4	QPSK	6	0	23.74	23.87	23.86	25.5	0
1.4	16QAM	1	0	23.88	23.95	23.78	25.5	0
1.4	16QAM	1	3	23.86	23.88	23.84		
1.4	16QAM	1	5	23.78	23.90	23.76		
1.4	16QAM	3	0	23.80	23.98	23.86		
1.4	16QAM	3	1	23.67	23.88	23.79		
1.4	16QAM	3	3	23.82	23.83	23.73		
1.4	16QAM	6	0	22.83	22.94	22.80	24.5	1
1.4	64QAM	1	0	22.76	22.94	22.86	24.5	1
1.4	64QAM	1	3	22.71	22.82	22.70		
1.4	64QAM	1	5	22.75	22.93	22.74		
1.4	64QAM	3	0	22.91	22.93	22.83		
1.4	64QAM	3	1	22.70	22.95	22.85		
1.4	64QAM	3	3	22.67	22.86	22.74		
1.4	64QAM	6	0	21.71	21.84	21.89	23.5	2
1.4	256QAM	1	0	18.98	18.94	18.85	20.5	5
1.4	256QAM	1	3	18.91	18.81	18.75		
1.4	256QAM	1	5	18.77	18.87	18.85		
1.4	256QAM	3	0	18.73	18.82	18.83		
1.4	256QAM	3	1	18.73	18.74	18.62		
1.4	256QAM	3	3	18.70	18.83	18.72		
1.4	256QAM	6	0	18.82	18.98	18.83	20.5	5

Band 5 Ant0 Default

BW [MHz]	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	24.93	25.11	25.10	25.7	0
10	QPSK	1	25	25.02	25.06	24.94		
10	QPSK	1	49	24.81	24.89	23.86		
10	QPSK	25	0	24.97	25.03	24.97		
10	QPSK	25	12	24.87	24.96	24.86	25.7	0
10	QPSK	25	25	24.91	25.00	24.93		
10	QPSK	50	0	24.90	24.97	24.83		
10	16QAM	1	0	25.01	25.10	25.06		
10	16QAM	1	25	24.91	25.00	24.90	25.7	0
10	16QAM	1	49	24.93	25.03	24.96		
10	16QAM	25	0	23.88	23.94	23.86		
10	16QAM	25	12	23.80	23.86	23.77	24.7	1
10	16QAM	25	25	23.70	23.83	23.77		
10	16QAM	50	0	23.84	23.91	23.78		
10	64QAM	1	0	23.96	24.09	24.00		
10	64QAM	1	25	23.90	24.00	23.97	24.7	1
10	64QAM	1	49	23.87	23.98	23.85		
10	64QAM	25	0	22.93	22.97	22.92		
10	64QAM	25	12	22.79	22.93	22.88	23.7	2
10	64QAM	25	25	22.72	22.83	22.69		
10	64QAM	50	0	22.77	22.91	22.77		
10	256QAM	1	0	19.85	20.00	19.91		
10	256QAM	1	25	19.77	19.90	19.79	20.7	5
10	256QAM	1	49	19.78	19.91	19.82		
10	256QAM	25	0	19.84	19.89	19.79		
10	256QAM	25	12	19.80	19.84	19.72	20.7	5
10	256QAM	25	25	19.67	19.74	19.66		
10	256QAM	50	0	19.93	19.97	19.88		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	24.90	25.06	25.04	25.7	0
5	QPSK	1	12	24.88	24.99	24.81		
5	QPSK	1	24	24.74	24.83	24.72		
5	QPSK	12	0	24.85	24.94	24.85		
5	QPSK	12	7	24.77	24.87	24.75	25.7	0
5	QPSK	12	13	24.79	24.85	24.90		
5	QPSK	25	0	24.76	24.89	24.80		
5	16QAM	1	0	24.88	25.06	24.99		
5	16QAM	1	12	24.83	24.90	24.76	25.7	0
5	16QAM	1	24	24.86	24.95	24.92		
5	16QAM	12	0	23.81	23.80	23.73		
5	16QAM	12	7	23.73	23.71	23.73	24.7	1
5	16QAM	12	13	23.66	23.74	23.70		
5	16QAM	25	0	23.74	23.82	23.68		
5	64QAM	1	0	23.83	24.00	23.90		
5	64QAM	1	12	23.80	23.89	23.90	24.7	1
5	64QAM	1	24	23.81	23.85	23.72		
5	64QAM	12	0	22.84	22.89	22.85		
5	64QAM	12	7	22.72	22.83	22.76	23.7	2
5	64QAM	12	13	22.67	22.79	22.59		
5	64QAM	25	0	22.74	22.84	22.72		
5	256QAM	1	0	19.72	19.86	19.85		
5	256QAM	1	12	19.73	19.85	19.73	20.7	5
5	256QAM	1	24	19.67	19.79	19.68		
5	256QAM	12	0	19.72	19.80	19.70		
5	256QAM	12	7	19.75	19.71	19.61		
5	256QAM	12	13	19.55	19.66	19.56	20.7	5
5	256QAM	25	0	19.81	19.88	19.82		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	24.78	25.01	24.95	25.7	0
3	QPSK	1	8	24.99	24.96	24.88		
3	QPSK	1	14	24.71	24.75	24.65		
3	QPSK	8	0	24.93	24.88	24.92		
3	QPSK	8	4	24.82	24.86	24.83	25.7	0
3	QPSK	8	7	24.84	24.89	24.80		
3	QPSK	15	0	24.83	24.91	24.73		
3	16QAM	1	0	24.89	25.05	24.95		
3	16QAM	1	8	24.87	24.86	24.78	25.7	0
3	16QAM	1	14	24.84	24.96	24.87		
3	16QAM	8	0	23.75	23.82	23.80		
3	16QAM	8	4	23.73	23.76	23.72	24.7	1
3	16QAM	8	7	23.66	23.72	23.64		
3	16QAM	15	0	23.71	23.82	23.75		
3	64QAM	1	0	23.88	24.03	23.94		
3	64QAM	1	8	23.85	23.88	23.85	24.7	1
3	64QAM	1	14	23.81	23.91	23.80		
3	64QAM	8	0	22.84	22.88	22.88		
3	64QAM	8	4	22.76	22.86	22.79	23.7	2
3	64QAM	8	7	22.62	22.69	22.56		
3	64QAM	15	0	22.72	22.77	22.63		
3	256QAM	1	0	19.82	19.92	19.81		
3	256QAM	1	8	19.72	19.82	19.67	20.7	5
3	256QAM	1	14	19.64	19.84	19.70		
3	256QAM	8	0	19.69	19.78	19.64		
3	256QAM	8	4	19.69	19.78	19.64	20.7	5
3	256QAM	8	7	19.57	19.66	19.61		
3	256QAM	15	0	19.80	19.84	19.73		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	24.81	25.02	24.97	25.7	0
1.4	QPSK	1	3	24.96	24.98	24.85		
1.4	QPSK	1	5	24.72	24.77	24.64		
1.4	QPSK	3	0	24.85	24.99	24.93		
1.4	QPSK	3	1	24.79	24.81	24.83		
1.4	QPSK	3	3	24.87	24.91	24.85		
1.4	QPSK	6	0	24.78	24.88	24.69	25.7	0
1.4	16QAM	1	0	24.88	24.99	25.01	25.7	0
1.4	16QAM	1	3	24.90	24.91	24.85		
1.4	16QAM	1	5	24.85	24.91	24.90		
1.4	16QAM	3	0	24.76	24.86	24.82		
1.4	16QAM	3	1	24.66	24.79	24.73		
1.4	16QAM	3	3	24.62	24.73	24.66		
1.4	16QAM	6	0	23.70	23.80	23.69	24.7	1
1.4	64QAM	1	0	23.91	23.98	23.88	24.7	1
1.4	64QAM	1	3	23.79	23.86	23.84		
1.4	64QAM	1	5	23.79	23.72	23.71		
1.4	64QAM	3	0	23.90	23.91	23.84		
1.4	64QAM	3	1	23.68	23.84	23.79		
1.4	64QAM	3	3	23.63	23.77	23.63		
1.4	64QAM	6	0	22.73	22.76	22.72	23.7	2
1.4	256QAM	1	0	19.72	19.88	19.87	20.7	5
1.4	256QAM	1	3	19.72	19.85	19.69		
1.4	256QAM	1	5	19.72	19.78	19.76		
1.4	256QAM	3	0	19.77	19.78	19.67		
1.4	256QAM	3	1	19.67	19.72	19.62		
1.4	256QAM	3	3	19.59	19.63	19.60		
1.4	256QAM	6	0	19.81	19.85	19.84	20.7	5

Band 7 Ant0 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	23.54	23.89	23.81	25.2	0
20	QPSK	1	49	23.61	23.86	23.76		
20	QPSK	1	99	23.51	23.72	23.69		
20	QPSK	50	0	23.60	23.81	23.78		
20	QPSK	50	24	23.58	23.78	23.71	25.2	0
20	QPSK	50	50	23.58	23.71	23.59		
20	QPSK	100	0	23.62	23.79	23.74		
20	16QAM	1	0	23.68	23.88	23.78		
20	16QAM	1	49	23.60	23.83	23.74	25.2	0
20	16QAM	1	99	23.58	23.80	23.76		
20	16QAM	50	0	22.81	22.96	22.93		
20	16QAM	50	24	22.62	22.87	22.78	24.2	1
20	16QAM	50	50	22.66	22.88	22.84		
20	16QAM	100	0	22.79	22.94	22.83		
20	64QAM	1	0	22.72	22.94	22.85		
20	64QAM	1	49	22.68	22.82	22.69	24.2	1
20	64QAM	1	99	22.72	22.90	22.86		
20	64QAM	50	0	21.79	21.98	21.90		
20	64QAM	50	24	21.73	21.86	21.80	23.2	2
20	64QAM	50	50	21.77	21.90	21.75		
20	64QAM	100	0	21.71	21.91	21.86		
20	256QAM	1	0	18.80	18.94	18.88		
20	256QAM	1	49	18.66	18.89	18.81	20.2	5
20	256QAM	1	99	18.70	18.87	18.78		
20	256QAM	50	0	18.70	18.91	18.77		
20	256QAM	50	24	18.61	18.78	18.71	20.2	5
20	256QAM	50	50	18.58	18.79	18.73		
20	256QAM	100	0	18.75	18.92	18.86		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	23.61	23.79	23.85	25.2	0
15	QPSK	1	37	23.63	23.94	23.76		
15	QPSK	1	74	23.59	23.80	23.77		
15	QPSK	36	0	23.69	23.83	23.79		
15	QPSK	36	20	23.62	23.85	23.81	25.2	0
15	QPSK	36	39	23.62	23.81	23.68		
15	QPSK	75	0	23.69	23.88	23.84		
15	16QAM	1	0	23.57	23.75	23.73		
15	16QAM	1	37	23.58	23.73	23.63	25.2	0
15	16QAM	1	74	23.55	23.69	23.72		
15	16QAM	36	0	22.70	22.90	22.84		
15	16QAM	36	20	22.57	22.81	22.69	24.2	1
15	16QAM	36	39	22.62	22.77	22.80		
15	16QAM	75	0	22.70	22.87	22.74		
15	64QAM	1	0	22.63	22.82	22.70		
15	64QAM	1	37	22.57	22.69	22.56	24.2	1
15	64QAM	1	74	22.59	22.85	22.80		
15	64QAM	36	0	21.75	21.94	21.83		
15	64QAM	36	20	21.67	21.79	21.73	23.2	2
15	64QAM	36	39	21.69	21.84	21.71		
15	64QAM	75	0	21.63	21.85	21.71		
15	256QAM	1	0	18.69	18.84	18.83		
15	256QAM	1	37	18.62	18.85	18.74	20.2	5
15	256QAM	1	74	18.64	18.82	18.68		
15	256QAM	36	0	18.66	18.81	18.73		
15	256QAM	36	20	18.69	18.74	18.61	20.2	5
15	256QAM	36	39	18.65	18.74	18.59		
15	256QAM	75	0	18.63	18.81	18.77		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	23.61	23.87	23.87	25.2	0
10	QPSK	1	25	23.67	23.89	23.83		
10	QPSK	1	49	23.55	23.72	23.73		
10	QPSK	25	0	23.71	23.87	23.82		
10	QPSK	25	12	23.70	23.86	23.80	25.2	0
10	QPSK	25	25	23.61	23.80	23.71		
10	QPSK	50	0	23.69	23.85	23.80		
10	16QAM	1	0	23.60	23.81	23.65		
10	16QAM	1	25	23.57	23.75	23.69	25.2	0
10	16QAM	1	49	23.

Band 13 Ant0 Default

BW [MHz]	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		25.06		25.6	0
10	QPSK	1	25		25.02			
10	QPSK	1	49		24.96			
10	QPSK	25	0		25.02			
10	QPSK	25	12		24.96		25.6	0
10	QPSK	25	25		24.92			
10	QPSK	50	0		24.97			
10	16QAM	1	0		25.05			
10	16QAM	1	25		24.94		25.6	0
10	16QAM	1	49		24.95			
10	16QAM	25	0		24.03			
10	16QAM	25	12		23.90		24.6	1
10	16QAM	25	25		23.95			
10	16QAM	50	0		24.01			
10	64QAM	1	0		24.06			
10	64QAM	1	25		24.00		24.6	1
10	64QAM	1	49		24.02			
10	64QAM	25	0		22.97			
10	64QAM	25	12		22.92		23.6	2
10	64QAM	25	25		22.89			
10	64QAM	50	0		23.07			
10	256QAM	1	0		20.03			
10	256QAM	1	25		19.91		20.6	5
10	256QAM	1	49		20.00			
10	256QAM	25	0		19.96			
10	256QAM	25	12		19.88		20.6	5
10	256QAM	25	25		19.92			
10	256QAM	50	0		19.95			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	24.92	25.01	25.00	25.6	0
5	QPSK	1	12	24.84	24.87	24.91		
5	QPSK	1	24	24.80	24.84	24.78		
5	QPSK	12	0	24.91	24.99	24.88		
5	QPSK	12	7	24.80	24.91	24.85	25.6	0
5	QPSK	12	13	24.89	24.99	24.79		
5	QPSK	25	0	24.82	24.88	24.73		
5	16QAM	1	0	24.81	24.96	24.78		
5	16QAM	1	12	24.75	24.89	24.70	25.6	0
5	16QAM	1	24	24.71	24.92	24.79		
5	16QAM	12	0	23.76	23.98	23.84		
5	16QAM	12	7	23.77	23.79	23.78	24.6	1
5	16QAM	12	13	23.72	23.86	23.78		
5	16QAM	25	0	23.80	23.91	23.84		
5	64QAM	1	0	23.84	23.98	23.90		
5	64QAM	1	12	23.80	23.93	23.85	24.6	1
5	64QAM	1	24	23.78	23.95	23.78		
5	64QAM	12	0	22.75	22.86	22.79		
5	64QAM	12	7	22.67	22.85	22.76	23.6	2
5	64QAM	12	13	22.65	22.76	22.64		
5	64QAM	25	0	22.92	23.03	22.94		
5	256QAM	1	0	19.87	19.90	19.78		
5	256QAM	1	12	19.74	19.81	19.72	20.6	5
5	256QAM	1	24	19.77	19.86	19.81		
5	256QAM	12	0	19.80	19.89	19.76		
5	256QAM	12	7	19.78	19.82	19.61	20.6	5
5	256QAM	12	13	19.82	19.83	19.78		
5	256QAM	25	0	19.68	19.89	19.82		

Band 17 Ant0 Default

BW [MHz]	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	24.95	25.12	24.97	25.7	0
10	QPSK	1	25	24.99	25.06	24.93		
10	QPSK	1	49	24.97	25.02	24.97		
10	QPSK	25	0	24.98	25.11	25.02		
10	QPSK	25	12	24.88	25.01	24.94	25.7	0
10	QPSK	25	25	24.95	25.05	24.99		
10	QPSK	50	0	24.95	25.09	25.02		
10	16QAM	1	0	25.01	25.10	25.03		
10	16QAM	1	25	25.02	25.07	25.01	25.7	0
10	16QAM	1	49	24.90	25.03	24.88		
10	16QAM	25	0	24.02	24.11	24.03		
10	16QAM	25	12	23.87	24.02	23.97	24.7	1
10	16QAM	25	25	23.92	23.99	23.88		
10	16QAM	50	0	23.97	24.10	23.97		
10	64QAM	1	0	24.07	24.17	24.12		
10	64QAM	1	25	24.00	24.07	23.98	24.7	1
10	64QAM	1	49	24.04	24.12	24.08		
10	64QAM	25	0	22.96	23.08	22.93		
10	64QAM	25	12	22.83	22.95	22.88	23.7	2
10	64QAM	25	25	22.95	23.02	22.92		
10	64QAM	50	0	23.02	23.13	23.02		
10	256QAM	1	0	19.95	20.04	19.95		
10	256QAM	1	25	19.86	20.00	19.93	20.7	5
10	256QAM	1	49	19.86	20.00	19.90		
10	256QAM	25	0	20.02	20.10	20.00		
10	256QAM	25	12	19.84	19.98	19.86	20.7	5
10	256QAM	25	25	19.98	20.04	19.96		
10	256QAM	50	0	19.98	20.06	19.91		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	24.88	24.97	24.84	25.7	0
5	QPSK	1	12	24.88	25.02	24.85		
5	QPSK	1	24	24.91	24.99	24.93		
5	QPSK	12	0	24.92	25.06	24.94		
5	QPSK	12	7	24.84	24.89	24.86	25.7	0
5	QPSK	12	13	24.84	24.93	24.95		
5	QPSK	25	0	24.82	24.97	24.90		
5	16QAM	1	0	24.86	24.96	24.96		
5	16QAM	1	12	24.93	24.96	24.91	25.7	0
5	16QAM	1	24	24.80	24.95	24.81		
5	16QAM	12	0	23.99	24.04	23.95		
5	16QAM	12	7	23.76	23.98	23.88	24.7	1
5	16QAM	12	13	23.84	23.86	23.77		
5	16QAM	25	0	23.90	24.05	23.90		
5	64QAM	1	0	24.03	24.06	23.99		
5	64QAM	1	12	23.87	23.97	23.87	24.7	1
5	64QAM	1	24	23.94	24.00	23.97		
5	64QAM	12	0	22.83	23.01	22.83		
5	64QAM	12	7	22.76	22.83	22.77	23.7	2
5	64QAM	12	13	22.83	22.92	22.80		
5	64QAM	25	0	22.93	23.04	22.96		
5	256QAM	1	0	19.91	19.92	19.85		
5	256QAM	1	12	19.81	19.93	19.82	20.7	5
5	256QAM	1	24	19.79	19.89	19.80		
5	256QAM	12	0	19.98	19.95	19.87		
5	256QAM	12	7	19.69	19.95	19.76	20.7	5
5	256QAM	12	13	19.90	19.95	19.88		
5	256QAM	25	0	19.91	19.96	19.82		

Band 26 Ant0 Default

BW [MHz]	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	25.05	25.14	25.10	25.7	0
15	QPSK	1	37	25.02	25.13	25.04		
15	QPSK	1	74	24.93	25.04	25.00		
15	QPSK	36	0	24.99	25.06	24.95		
15	QPSK	36	20	24.80	24.92	24.79	25.7	0
15	QPSK	36	39	24.85	25.00	24.95		
15	QPSK	75	0	24.96	25.01	24.87		
15	16QAM	1	0	24.96	25.03	24.89		
15	16QAM	1	37	24.84	24.91	24.80	25.7	0
15	16QAM	1	74	24.83	24.90	24.83		
15	16QAM	36	0	23.88	23.99	23.95		
15	16QAM	36	20	23.76	23.90	23.76	24.7	1
15	16QAM	36	39	23.79	23.90	23.85		
15	16QAM	75	0	23.97	24.05	24.00		
15	64QAM	1	0	23.95	24.09	23.99		
15	64QAM	1	37	23.85	23.94	23.89	24.7	1
15	64QAM	1	74	23.84	23.96	23.84		
15	64QAM	36	0	22.93	23.00	22.88		
15	64QAM	36	20	22.87	22.93	22.90	23.7	2
15	64QAM	36	39	22.83	22.87	22.79		
15	64QAM	75	0	22.88	22.99	22.90		
15	256QAM	1	0	19.94	19.98	19.92		
15	256QAM	1	37	19.84	19.91	19.83	20.7	5
15	256QAM	1	74	19.76	19.84	19.77		
15	256QAM	36	0	19.98	20.04	19.93		
15	256QAM	36	20	19.83	19.95	19.82	20.7	5
15	256QAM	36	39	19.95	19.99	19.90		
15	256QAM	75	0	19.85	19.96	19.88		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	24.92	25.02	24.98	25.7	0
10	QPSK	1	25	24.97	25.05	24.96		
10	QPSK	1	49	24.76	24.80	24.80		
10	QPSK	25	0	24.84	24.92	24.88		
10	QPSK	25	12	24.73	24.86	24.73	25.7	0
10	QPSK	25	25	24.72	24.95	24.87		
10	QPSK	50	0	24.92	24.92	24.76		
10	16QAM	1	0	24.83	24.88	24.83		
10	16QAM	1	25	24.72	24.77	24.72	25.7	0
10	16QAM	1	49	24.71	24.80	24.72		
10	16QAM	25	0	23.83	23.85	23.86		
10	16QAM	25	12	23.72	23.77	23.61	24.7	1
10	16QAM	25	25	23.69	23.78	23.77		
10	16QAM	50	0	23.87	23.98	23.95		
10	64QAM	1	0	23.85	24.01	23.93		
10	64QAM	1	25	23.81	23.91	23.79	24.7	1
10	64QAM	1	49	23.77	23.88	23.77		
10	64QAM	25	0	22.86	22.89	22.71		
10	64QAM	25	12	22.83	22.87	22.83	23.7	2
10	64QAM	25	25	22.78	22.75	22.76		
10	64QAM	50	0	22.79	22.91	22.86		
10	256QAM	1	0	19.81	19.95	19.77		
10	256QAM	1	25	19.81	19.85	19.74	20.7	5
10	256QAM	1	49	19.66	19.78	19.64		
10	256QAM	25	0	19.92	19.93	19.79		
10	256QAM	25	12	19.73	19.88	19.75	20.7	5
10	256QAM	25	25	19.88	19.96	19.88		
10	256QAM	50	0	19.72	19.90	19.74		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	24.91	25.04	24.99	25.7	0
5	QPSK	1	12	24.95	25.03	24.94		
5	QPSK	1	24	24.72	24.88	24.79		
5	QPSK	12	0	24.94	24.93	24.88		
5	QPSK	12	7	24.69	24.87	24.68	25.7	0
5	QPSK	12	13	24.72	24.92	24.84		
5	QPSK	25	0	24.82	24.95	24.76		
5	16QAM	1	0	24.88	24.90	24.80		
5	16QAM	1	12	24.79	24.87	24.77	25.7	0
5	16QAM	1	24	24.75	24.82	24.80		
5	16QAM	12	0	23.77	23.96	23.82		
5	16QAM	12	7	23.66	23.80	23.65	24.7	1
5	16QAM	12	13	23.67	23.87	23.74		
5	16QAM	25	0	23.92	23.97	23.93		
5	64QAM	1	0	23.91	23.95	23.95		
5	64QAM	1	12	23.74	23.81	23.77	24.7	1
5	64QAM	1	24	23.79	23.93	23.76		
5	64QAM	12	0	22.82	22.89	22.79		
5	64QAM	12	7	22.72	22.80	22.77	23.7	2
5	64QAM	12	13	22.76	22.81	22.76		
5	64QAM	25	0	22.74	22.86	22.78		
5	256QAM	1	0	19.89	19.95	19.82		
5	256QAM	1	12	19.71	19.76	19.80	20.7	5
5	256QAM	1	24	19.66	19.77	19.68		
5	256QAM	12	0	19.84	19.92	19.82		
5	256QAM	12	7	19.70	19.92	19.68	20.7	5
5	256QAM	12	13	19.85	19.91	19.81		
5	256QAM	25	0	19.79	19.86	19.77		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	24.99	25.07	24.95	25.7	0
3	QPSK	1	8	24.95	25.06	25.00		
3	QPSK	1	14	24.75	24.90	24.76		
3	QPSK	8	0	24.88	24.96	24.87		
3	QPSK	8	4	24.74	24.83	24.86	25.7	0
3	QPSK	8	7	24.80	24.88	24.87		
3	QPSK	15	0	24.93	24.94	24.73		
3	16QAM	1	0	24.90	24.93	24.84		
3	16QAM	1	8	24.77	24.86	24.89	25.7	0
3	16QAM	1	14	24.70	24.83	24.79		
3	16QAM	8	0	23.80	23.88	23.89		
3	16QAM	8	4	23.70	23.80	23.69	24.7	1
3	16QAM	8	7	23.64	23.75	23.78		
3	16QAM	15	0	23.83	24.00	23.92		
3	64QAM	1	0	23.82	24.00	23.90		
3	64QAM	1	8	23.81	23.81	23.80	24.7	1
3	64QAM	1	14	23.73	23.83	23.76		
3	64QAM	8	0	22.87	22.89	22.76		
3	64QAM	8	4	22.78	22.83	22.78	23.7	2
3	64QAM	8	7	22.72	22.79	22.69		
3	64QAM	15	0	22.79	22.84	22.83		
3	256QAM	1	0	19.80	19.95	19.85		
3	256QAM	1	8	19.75	19.81	19.69	20.7	5
3	256QAM	1	14	19.71	19.75	19.67		
3	256QAM	8	0	19.95	19.94	19.82		
3	256QAM	8	4	19.77	19.87	19.72	20.7	5
3	256QAM	8	7	19.82	19.90	19.80		
3	256QAM	15	0	19.81	19.82	19.81		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	24.98	25.10	25.07	25.7	0
1.4	QPSK	1	3	24.98	25.09	24.95		
1.4	QPSK	1	5	24.85	24.80	24.91		
1.4	QPSK	3	0	24.96	24.97	24.87		
1.4	QPSK	3	1	24.74	24.88	24.87		
1.4	QPSK	3	3	24.71	24.90	24.83		
1.4	QPSK	6	0	24.85	24.93	24.83	25.7	0
1.4	16QAM	1	0	24.86	24.98	24.74	25.7	0
1.4	16QAM	1	3	24.75	24.77	24.76		
1.4	16QAM	1	5	24.71	24.87	24.79		
1.4	16QAM	3	0	24.76	24.89	24.84		
1.4	16QAM	3	1	24.62	24.81	24.81		
1.4	16QAM	3	3	24.64	24.78	24.74		
1.4	16QAM	6	0	23.90	23.95	23.94	24.7	1
1.4	64QAM	1	0	23.86	24.02	23.90	24.7	1
1.4	64QAM	1	3	23.80	23.83	23.85		
1.4	64QAM	1	5	23.72	23.82	23.79		
1.4	64QAM	3	0	23.80	23.93	23.82		
1.4	64QAM	3	1	23.76	23.83	23.77		
1.4	64QAM	3	3	23.72	23.79	23.68		
1.4	64QAM	6	0	22.85	22.85	22.79	23.7	2
1.4	256QAM	1	0	19.84	19.92	19.85	20.7	5
1.4	256QAM	1	3	19.80	19.88	19.76		
1.4	256QAM	1	5	19.68	19.75	19.63		
1.4	256QAM	3	0	19.94	20.01	19.82		
1.4	256QAM	3	1	19.79	19.90	19.74		
1.4	256QAM	3	3	19.86	19.91	19.89		
1.4	256QAM	6	0	19.80	19.92	19.76	20.7	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	22.78	22.86	22.65	24.3	0
20	QPSK	1	49	22.72	22.77	22.62		
20	QPSK	1	99	22.73	22.84	22.70		
20	QPSK	50	0	22.71	22.84	22.79		
20	QPSK	50	24	22.62	22.76	22.67	24.3	0
20	QPSK	50	50	22.68	22.82	22.76		
20	QPSK	100	0	22.67	22.76	22.73		
20	16QAM	1	0	22.75	22.82	22.72		
20	16QAM	1	49	22.70	22.74	22.63	24.3	0
20	16QAM	1	99	22.60	22.71	22.67		
20	16QAM	50	0	21.79	21.88	21.74		
20	16QAM	50	24	21.63	21.75	21.68	23.3	1
20	16QAM	50	50	21.74	21.79	21.67		
20	16QAM	100	0	21.63	21.76	21.62		
20	64QAM	1	0	21.74	21.81	21.66		
20	64QAM	1	49	21.77	21.86	21.72	23.3	1
20	64QAM	1	99	21.60	21.74	21.69		
20	64QAM	50	0	20.80	20.91	20.83		
20	64QAM	50	24	20.78	20.85	20.73	22.3	2
20	64QAM	50	50	20.65	20.77	20.67		
20	64QAM	100	0	20.73	20.84	20.78		
20	256QAM	1	0	17.68	17.80	17.66		
20	256QAM	1	49	17.66	17.71	17.60	19.3	5
20	256QAM	1	99	17.77	17.87	17.74		
20	256QAM	50	0	17.86	17.91	17.86		
20	256QAM	50	24	17.72	17.84	17.69	19.3	5
20	256QAM	50	50	17.80	17.92	17.85		
20	256QAM	100	0	18.83	18.88	18.85		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	22.71	22.76	22.57	24.3	0
15	QPSK	1	37	22.58	22.64	22.53		
15	QPSK	1	74	22.67	22.72	22.66		
15	QPSK	36	0	22.66	22.75	22.73		
15	QPSK	36	20	22.55	22.65	22.61	24.3	0
15	QPSK	36	39	22.58	22.72	22.68		
15	QPSK	75	0	22.53	22.68	22.70		
15	16QAM	1	0	22.67	22.70	22.61		
15	16QAM	1	37	22.58	22.65	22.49	24.3	0
15	16QAM	1	74	22.54	22.62	22.54		
15	16QAM	36	0	21.75	21.74	21.71		
15	16QAM	36	20	21.59	21.62	21.55	23.3	1
15	16QAM	36	39	21.65	21.73	21.56		
15	16QAM	75	0	21.50	21.67	21.58		
15	64QAM	1	0	21.62	21.70	21.54		
15	64QAM	1	37	21.71	21.82	21.60	23.3	1
15	64QAM	1	74	21.56	21.60	21.57		
15	64QAM	36	0	20.77	20.77	20.71		
15	64QAM	36	20	20.66	20.74	20.65	22.3	2
15	64QAM	36	39	20.51	20.71	20.57		
15	64QAM	75	0	20.62	20.80	20.71		
15	256QAM	1	0	17.56	17.77	17.52		
15	256QAM	1	37	17.55	17.63	17.52	19.3	5
15	256QAM	1	74	17.73	17.76	17.63		
15	256QAM	36	0	17.79	17.85	17.72		
15	256QAM	36	20	17.65	17.79	17.56	19.3	5
15	256QAM	36	39	17.68	17.81	17.60		
15	256QAM	75	0	18.80	18.75	18.77		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	22.73	22.71	22.60	24.3	0
10	QPSK	1	25	22.57	22.69	22.57		
10	QPSK	1	49	22.63	22.66	22.65		
10	QPSK	25	0	22.65	22.80	22.66		
10	QPSK	25	12	22.57	22.70	22.64	24.3	0
10	QPSK	25	25	22.62	22.77	22.69		
10	QPSK	50	0	22.63	22.66	22.61		
10	16QAM	1	0	22.66	22.74	22.62		
10	16QAM	1	25	22.62	22.63	22.51	24.3	0
10	16QAM	1	49	22.48	22.60	22.63		
10	16QAM	25	0	21.68	21.79	21.61		
10	16QAM	25	12	21.58	21.60	21.54	23.3	1
10	16QAM	25	25	21.68	21.66	21.62		
10	16QAM	50	0	21.50	21.65	21.53		
10	64QAM	1	0	21.64	21.70	21.58		
10	64QAM	1	25	21.72	21.80	21.60	23.3	1
10	64QAM	1	49	21.48	21.68	21.55		
10	64QAM	25	0	20.68	20.84	20.78		
10	64QAM	25	12	20.67	20.78	20.67	22.3	2
10	64QAM	25	25	20.59	20.64	20.56		
10	64QAM	50	0	20.68	20.73	20.63		
10	256QAM	1	0	17.55	17.75	17.60		
10	256QAM	1	25	17.58	17.60	17.52	19.3	5
10	256QAM	1	49	17.63	17.74	17.61		
10	256QAM	25	0	17.79	17.84	17.79		
10	256QAM	25	12	17.60	17.80	17.60	19.3	5
10	256QAM	25	25	17.72	17.82	17.77		
10	256QAM	50	0	18.70	18.74	18.80		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	22.69	22.80	22.52	24.3	0
5	QPSK	1	12	22.59	22.72	22.55		
5	QPSK	1	24	22.65	22.67	22.61		
5	QPSK	12	0	22.66	22.71	22.70		
5	QPSK	12	7	22.49	22.65	22.54	24.3	0
5	QPSK	12	13	22.58	22.67	22.72		
5	QPSK	25	0	22.59	22.75	22.67		
5	16QAM	1	0	22.71	22.68	22.61		
5	16QAM	1	12	22.57	22.69	22.59	24.3	0
5	16QAM	1	24	22.51	22.64	22.64		
5	16QAM	12	0	21.71	21.77	21.69		
5	16QAM	12	7	21.59	21.66	21.62	23.3	1
5	16QAM	12	13	21.68	21.76	21.59		
5	16QAM	25	0	21.53	21.65	21.53		
5	64QAM	1	0	21.60	21.71	21.53		
5	64QAM	1	12	21.64	21.82	21.64	23.3	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				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	23.64	23.70	23.59	24.7	0
20	QPSK	1	49	23.52	23.63	23.53		
20	QPSK	1	99	23.39	23.45	23.36		
20	QPSK	50	0	23.49	23.63	23.49	24.7	0
20	QPSK	50	24	23.44	23.56	23.44		
20	QPSK	50	50	23.49	23.58	23.44		
20	QPSK	100	0	23.49	23.60	23.55		
20	16QAM	1	0	23.56	23.64	23.58	24.7	0
20	16QAM	1	49	23.45	23.50	23.35		
20	16QAM	1	99	23.46	23.58	23.49		
20	16QAM	50	0	22.64	22.69	22.56	23.7	1
20	16QAM	50	24	22.47	22.57	22.42		
20	16QAM	50	50	22.51	22.54	22.40		
20	16QAM	100	0	22.55	22.61	22.46		
20	64QAM	1	0	22.59	22.63	22.60	23.7	1
20	64QAM	1	49	22.36	22.48	22.34		
20	64QAM	1	99	22.45	22.55	22.50		
20	64QAM	50	0	21.58	21.67	21.57	22.7	2
20	64QAM	50	24	21.46	21.60	21.55		
20	64QAM	50	50	21.53	21.57	21.49		
20	64QAM	100	0	21.47	21.54	21.44		
20	256QAM	1	0	18.62	18.68	18.62	19.7	5
20	256QAM	1	49	18.51	18.60	18.49		
20	256QAM	1	99	18.42	18.54	18.43		
20	256QAM	50	0	18.49	18.63	18.48	19.7	5
20	256QAM	50	24	18.51	18.57	18.49		
20	256QAM	50	50	18.46	18.50	18.38		
20	256QAM	100	0	18.49	18.59	18.55		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	23.54	23.65	23.53	24.7	0
15	QPSK	1	37	23.41	23.50	23.45		
15	QPSK	1	74	23.34	23.39	23.29		
15	QPSK	36	0	23.37	23.50	23.38	24.7	0
15	QPSK	36	20	23.36	23.41	23.36		
15	QPSK	36	39	23.38	23.51	23.41		
15	QPSK	75	0	23.36	23.45	23.41		
15	16QAM	1	0	23.44	23.55	23.43	24.7	0
15	16QAM	1	37	23.35	23.36	23.25		
15	16QAM	1	74	23.41	23.51	23.41		
15	16QAM	36	0	22.61	22.64	22.50	23.7	1
15	16QAM	36	20	22.41	22.49	22.39		
15	16QAM	36	39	22.44	22.48	22.33		
15	16QAM	75	0	22.41	22.56	22.38		
15	64QAM	1	0	22.48	22.49	22.49	23.7	1
15	64QAM	1	37	22.27	22.39	22.25		
15	64QAM	1	74	22.34	22.44	22.39		
15	64QAM	36	0	21.50	21.62	21.43	22.7	2
15	64QAM	36	20	21.35	21.57	21.41		
15	64QAM	36	39	21.47	21.44	21.37		
15	64QAM	75	0	21.36	21.42	21.38		
15	256QAM	1	0	18.58	18.56	18.57	19.7	5
15	256QAM	1	37	18.41	18.56	18.39		
15	256QAM	1	74	18.30	18.40	18.38		
15	256QAM	36	0	18.37	18.57	18.37	19.7	5
15	256QAM	36	20	18.37	18.43	18.43		
15	256QAM	36	39	18.36	18.35	18.27		
15	256QAM	75	0	18.39	18.44	18.45		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	23.54	23.58	23.53	24.7	0
10	QPSK	1	25	23.42	23.59	23.49		
10	QPSK	1	49	23.28	23.33	23.23		
10	QPSK	25	0	23.44	23.54	23.37	24.7	0
10	QPSK	25	12	23.41	23.49	23.32		
10	QPSK	25	25	23.40	23.51	23.38		
10	QPSK	50	0	23.35	23.54	23.43		
10	16QAM	1	0	23.43	23.57	23.43	24.7	0
10	16QAM	1	25	23.34	23.41	23.21		
10	16QAM	1	49	23.37	23.50	23.40		
10	16QAM	25	0	22.54	22.57	22.44	23.7	1
10	16QAM	25	12	22.40	22.47	22.28		
10	16QAM	25	25	22.43	22.50	22.26		
10	16QAM	50	0	22.52	22.56	22.32		
10	64QAM	1	0	22.54	22.57	22.51	23.7	1
10	64QAM	1	25	22.28	22.38	22.25		
10	64QAM	1	49	22.30	22.46	22.40		
10	64QAM	25	0	21.51	21.55	21.46	22.7	2
10	64QAM	25	12	21.39	21.53	21.45		
10	64QAM	25	25	21.40	21.46	21.37		
10	64QAM	50	0	21.37	21.45	21.34		
10	256QAM	1	0	18.55	18.64	18.50	19.7	5
10	256QAM	1	25	18.43	18.53	18.35		
10	256QAM	1	49	18.27	18.44	18.38		
10	256QAM	25	0	18.45	18.54	18.41	19.7	5
10	256QAM	25	12	18.45	18.51	18.41		
10	256QAM	25	25	18.32	18.37	18.27		
10	256QAM	50	0	18.45	18.45	18.43		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	23.54	23.63	23.47	24.7	0
5	QPSK	1	12	23.43	23.52	23.46		
5	QPSK	1	24	23.29	23.36	23.31		
5	QPSK	12	0	23.40	23.56	23.41	24.7	0
5	QPSK	12	7	23.32	23.53	23.35		
5	QPSK	12	13	23.39	23.48	23.37		
5	QPSK	25	0	23.39	23.55	23.41		
5	16QAM	1	0	23.48	23.58	23.44	24.7	0
5	16QAM	1	12	23.30	23.46	23.26		
5	16QAM	1	24	23.33	23.54	23.36		
5	16QAM	12	0	22.52	22.61	22.44	23.7	1
5	16QAM	12	7	22.43	22.54	22.39		
5	16QAM	12	13	22.43	22.44	22.36		
5	16QAM	25	0	22.41	22.54	22.34		
5	64QAM	1	0	22.46	22.54	22.48	23.7	1
5	64QAM	1	12	22.29	22.45	22.23		
5	64QAM	1	24	22.38	22.51	22.45		
5	64QAM	12	0	21.45	21.56	21.53	22.7	2
5	64QAM	12	7	21.41	21.55	21.41		
5	64QAM	12	13	21.40	21.52	21.45		
5	64QAM	25	0	21.33	21.42	21.37		
5	256QAM	1	0	18.55	18.57	18.53	19.7	5
5	256QAM	1	12	18.45	18.54	18.39		
5	256QAM	1	24	18.31	18.43	18.34		
5	256QAM	12	0	18.43	18.50	18.33	19.7	5
5	256QAM	12	7	18.48	18.46	18.37		
5	256QAM	12	13	18.41	18.40	18.34		
5	256QAM	25	0	18.35	18.55	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	23.71	23.64	23.79	23.50	23.46	24.9	0
20	QPSK	1	49	23.58	23.57	23.63	23.53	23.50		
20	QPSK	1	99	23.55	23.53	23.58	23.53	23.41		
20	QPSK	50	0	23.54	23.58	23.65	23.56	23.47	24.9	0
20	QPSK	50	24	23.55	23.58	23.62	23.48	23.42		
20	QPSK	50	50	23.51	23.45	23.57	23.53	23.38		
20	QPSK	100	0	23.49	23.50	23.60	23.45	23.39		
20	16QAM	1	0	23.58	23.46	23.61	23.54	23.39	24.9	0
20	16QAM	1	49	23.49	23.48	23.56	23.47	23.40		
20	16QAM	1	99	23.33	23.39	23.51	23.44	23.31		
20	16QAM	50	0	22.47	22.51	22.58	22.47	22.41	23.9	1
20	16QAM	50	24	22.42	22.40	22.44	22.39	22.36		
20	16QAM	50	50	22.38	22.37	22.48	22.34	22.34		
20	16QAM	100	0	22.50	22.50	22.60	22.51	22.43		
20	64QAM	1	0	22.59	22.51	22.66	22.53	22.42	23.9	1
20	64QAM	1	49	22.46	22.44	22.58	22.55	22.33		
20	64QAM	1	99	22.51	22.51	22.57	22.43	22.32		
20	64QAM	50	0	21.50	21.43	21.54	21.46	21.30	22.9	2
20	64QAM	50	24	21.31	21.37	21.44	21.32	21.34		
20	64QAM	50	50	21.36	21.34	21.45	21.40	21.27		
20	64QAM	100	0	21.58	21.56	21.63	21.54	21.50		
20	256QAM	1	0	18.51	18.54	18.64	18.51	18.50	19.9	5
20	256QAM	1	49	18.47	18.42	18.50	18.39	18.27		
20	256QAM	1	99	18.44	18.39	18.51	18.42	18.37		
20	256QAM	50	0	18.66	18.62	18.70	18.58	18.57	19.9	5
20	256QAM	50	24	18.56	18.47	18.56	18.45	18.42		
20	256QAM	50	50	18.47	18.56	18.62	18.56	18.35		
20	256QAM	100	0	18.49	18.52	18.59	18.49	18.35		
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	23.67	23.61	23.68	23.38	23.35	24.90	0
15	QPSK	1	37	23.50	23.48	23.50	23.39	23.43		
15	QPSK	1	74	23.46	23.47	23.51	23.43	23.30		
15	QPSK	36	0	23.42	23.48	23.53	23.45	23.42	24.9	0
15	QPSK	36	20	23.50	23.46	23.57	23.44	23.37		
15	QPSK	36	39	23.47	23.30	23.46	23.43	23.28		
15	QPSK	75	0	23.39	23.42	23.49	23.31	23.27		
15	16QAM	1	0	23.44	23.34	23.49	23.41	23.27	24.9	0
15	16QAM	1	37	23.38	23.38	23.51	23.38	23.35		
15	16QAM	1	74	23.28	23.34	23.47	23.39	23.21		
15	16QAM	36	0	22.39	22.37	22.46	22.41	22.37	23.9	1
15	16QAM	36	20	22.28	22.32	22.31	22.25	22.32		
15	16QAM	36	39	22.33	22.33	22.35	22.22	22.26		
15	16QAM	75	0	22.43	22.38	22.57	22.47	22.34		
15	64QAM	1	0	22.54	22.36	22.51	22.47	22.39	23.9	1
15	64QAM	1	37	22.34	22.34	22.54	22.51	22.19		
15	64QAM	1	74	22.38	22.46	22.43	22.37	22.19		
15	64QAM	36	0	21.45	21.35	21.42	21.34	21.22	22.9	2
15	64QAM	36	20	21.22	21.31	21.36	21.22	21.27		
15	64QAM	36	39	21.23	21.22	21.35	21.26	21.16		
15	64QAM	75	0	21.47	21.43	21.52	21.43	21.42		
15	256QAM	1	0	18.46	18.44	18.51	18.46	18.41	19.9	5
15	256QAM	1	37	18.37	18.31	18.44	18.31	18.23		
15	256QAM	1	74	18.39	18.34	18.45	18.35	18.34		
15	256QAM	36	0	18.53	18.56	18.65	18.44	18.53	19.9	5
15	256QAM	36	20	18.47	18.38	18.48	18.38	18.33		
15	256QAM	36	39	18.33	18.45	18.51	18.50	18.30		
15	256QAM	75	0	18.43	18.40	18.49	18.45	18.28		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	23.67	23.53	23.74	23.41	23.35	24.90	0
10	QPSK	1	25	23.44	23.52	23.51	23.41	23.37		
10	QPSK	1	49	23.51	23.48	23.50	23.45	23.32		
10	QPSK	25	0	23.47	23.44	23.55	23.53	23.33	24.9	0
10	QPSK	25	12	23.51	23.55	23.47	23.37	23.39		
10	QPSK	25	25	23.38	23.37	23.49	23.45	23.31		
10	QPSK	50	0	23.38	23.36	23.47	23.31	23.30		
10	16QAM	1	0	23.44	23.37	23.51	23.43	23.27	24.9	0
10	16QAM	1	25	23.35	23.44	23.52	23.39	23.33		
10	16QAM	1	49	23.30	23.35	23.37	23.30	23.17		
10	16QAM	25	0	22.44	22.47	22.47	22.40	22.37	23.9	1
10	16QAM	25	12	22.33	22.28	22.36	22.35	22.23		
10	16QAM	25	25	22.28	22.23	22.43	22.27	22.27		
10	16QAM	50	0	22.42	22.37	22.53	22.39	22.34		
10	64QAM	1	0	22.55	22.41	22.62	22.44	22.29	23.9	1
10	64QAM	1	25	22.40	22.41	22.49	22.46	22.24		
10	64QAM	1	49	22.43	22.40	22.51	22.31	22.28		
10	64QAM	25	0	21.44	21.35	21.42	21.40	21.19	22.9	2
10	64QAM	25	12	21.19	21.26	21.36	21.22	21.22		
10	64QAM	25	25	21.33	21.30	21.38	21.29	21.15		
10	64QAM	50	0	21.48	21.46	21.58	21.49	21.38		
10	256QAM	1	0	18.46	18.45	18.59	18.41	18.40	19.9	5
10	256QAM	1	25	18.41	18.37	18.38	18.30	18.19		
10	256QAM	1	49	18.34	18.32	18.47	18.27	18.24		
10	256QAM	25	0	18.57	18.58	18.65	18.55	18.43	19.9	5
10	256QAM	25	12	18.49	18.34	18.51	18.37	18.29		
10	256QAM	25	25	18.34	18.49	18.52	18.45	18.27		
10	256QAM	50	0	18.43	18.43	18.47	18.40	18.30		
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	23.73	23.42	23.34	24.90	0
5	QPSK	1	12	23.45	23.43	23.50	23.42	23.37		
5	QPSK	1	24	23.41	23.43	23.50	23.41	23.32		
5	QPSK	12	0	23.49	23.53	23.56	23.43	23.41	24.9	0
5	QPSK	12	7	23.45	23.54	23.50	23.45	23.35		
5	QPSK	12	13	23.45	23.31	23.51	23.43	23.33		
5	QPSK	25	0	23.38	23.40	23.46	23.34	23.28		
5	16QAM	1	0	23.54	23.40	23.51	23.49	23.24	24.9	0
5	16QAM	1	12	23.40	23.38	23.48	23.42	23.34		
5	16QAM	1	24	23.28	23.28	23.48	23.38	23.25		
5	16QAM	12	0	22.39	22.41	22.53	22.35	22.26	23.9	1
5	16QAM	12	7	22.33	22.33	22.39	22.26	22.22		
5	16QAM	12	13	22.27	22.23	22.36	22.24	22.25		
5	16QAM	25	0	22.38	22.45	22.45	22.40	22.37		
5	64QAM	1	0	22.53	22.44	22.59	22.50	22.35	23.9	1
5	64QAM	1	12	22.36	22.38	22.44	22.51	22.24		
5	64QAM	1	24	22.39	22.37	22.51	22.32	22.27		
5	64QAM	12	0	21.47	21.38	21.41	21.38	21.16	22.9	2
5	64QAM	12	7	21.19	21.27	21.40	21.18	21.24		
5	64QAM	12	13	21.23	21.27	21.31	21.28	21.12		
5	64QAM	25	0	21.46	21.47	21.57	21.40	21.42		
5	256QAM	1	0	18.45	18.47	18.61	18.41	18.45	19.9	5
5	256QAM	1	12	18.34	18.37	18.40	18.24	18.23		
5	256QAM	1	24	18.40	18.30	18.45	18.34	18.23		
5	256QAM	12	0	18.57	18.52	18.67	18.44	18.46	19.9	5
5	256QAM	12	7	18.42	18.34	18.52	18.32	18.27		
5	256QAM	12	13	18.40	18.45	18.48	18.46	18.30		
5	256QAM	25	0	18.44	18.49	18.45	18.40	18.31		

	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	32.79	32.74	32.91	34.00	23.79	23.74	23.91	25.00
GPRS 1 Tx slot	32.71	32.69	32.85	34.00	23.71	23.69	23.85	25.00
GPRS 2 Tx slots	29.81	29.67	29.72	31.00	23.81	23.67	23.72	25.00
GPRS 3 Tx slots	27.85	27.78	27.82	29.20	23.59	23.52	23.56	24.94
GPRS 4 Tx slots	26.42	26.44	26.33	28.00	23.42	23.44	23.33	25.00
EDGE 1 Tx slot	26.67	26.59	26.73	28.30	17.67	17.59	17.73	19.30
EDGE 2 Tx slots	23.62	23.57	23.62	25.30	17.62	17.57	17.62	19.30
EDGE 3 Tx slots	21.68	21.62	21.78	23.50	17.42	17.36	17.52	19.24
EDGE 4 Tx slots	20.56	20.51	20.68	22.30	17.56	17.51	17.68	19.30

		WCDMA V Ant1 Default			
Band		WCDMA V			Tune-up Limit (dBm)
TX Channel		4132	4182	4233	
Rx Channel		4357	4407	4458	
Frequency (MHz)		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	24.16	24.21	24.12	25.70
3GPP Rel 99	RMC 12.2Kbps	24.23	24.27	24.19	25.70
3GPP Rel 6	HSDPA Subtest-1	23.18	23.33	23.27	24.70
3GPP Rel 6	HSDPA Subtest-2	23.28	23.26	23.17	24.70
3GPP Rel 6	HSDPA Subtest-3	22.62	22.75	22.73	24.20
3GPP Rel 6	HSDPA Subtest-4	22.70	22.89	22.68	24.20
3GPP Rel 8	DC-HSDPA Subtest-1	23.27	23.39	23.20	24.70
3GPP Rel 8	DC-HSDPA Subtest-2	23.23	23.36	23.27	24.70
3GPP Rel 8	DC-HSDPA Subtest-3	22.65	22.87	22.75	24.20
3GPP Rel 8	DC-HSDPA Subtest-4	22.80	22.87	22.64	24.20
3GPP Rel 6	HSUPA Subtest-1	23.18	23.39	23.35	24.70
3GPP Rel 6	HSUPA Subtest-2	21.18	21.38	21.29	22.70
3GPP Rel 6	HSUPA Subtest-3	22.32	22.36	22.14	23.70
3GPP Rel 6	HSUPA Subtest-4	21.11	21.34	21.23	22.70
3GPP Rel 6	HSUPA Subtest-5	23.18	23.26	23.17	24.70
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.80	20.77	20.73	22.20

Band 5 Ant1 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	23.94	24.15	24.05	25.7	0
10	QPSK	1	25	23.96	24.09	23.90		
10	QPSK	1	49	23.90	24.05	23.95		
10	QPSK	25	0	24.00	24.09	23.96	25.7	0
10	QPSK	25	12	23.92	24.05	23.93		
10	QPSK	25	25	23.93	24.08	24.03		
10	QPSK	50	0	24.03	24.09	24.05		
10	16QAM	1	0	23.89	23.94	23.85	25.7	0
10	16QAM	1	25	23.79	23.89	23.78		
10	16QAM	1	49	23.78	23.83	23.73		
10	16QAM	25	0	23.05	23.23	23.11	24.7	1
10	16QAM	25	12	23.05	23.09	22.94		
10	16QAM	25	25	23.03	23.16	23.00		
10	16QAM	50	0	22.99	23.01	22.88		
10	64QAM	1	0	22.87	23.00	22.96	24.7	1
10	64QAM	1	25	22.74	22.85	22.75		
10	64QAM	1	49	22.81	22.94	22.92		
10	64QAM	25	0	21.94	22.07	22.04	23.7	2
10	64QAM	25	12	21.77	21.93	21.79		
10	64QAM	25	25	21.87	21.95	21.81		
10	64QAM	50	0	22.05	22.12	22.02		
10	256QAM	1	0	19.03	19.14	19.12	20.7	5
10	256QAM	1	25	18.95	19.06	18.98		
10	256QAM	1	49	19.04	19.09	19.00		
10	256QAM	25	0	19.02	19.11	19.03	20.7	5
10	256QAM	25	12	18.80	19.00	18.88		
10	256QAM	25	25	18.82	18.97	18.90		
10	256QAM	50	0	18.99	19.08	19.00		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	23.91	24.11	23.93	25.7	0
5	QPSK	1	12	23.85	24.01	23.85		
5	QPSK	1	24	23.78	23.97	23.87		
5	QPSK	12	0	23.92	24.05	23.92	25.7	0
5	QPSK	12	7	23.89	23.93	23.84		
5	QPSK	12	13	23.80	23.94	24.00		
5	QPSK	25	0	24.00	23.94	23.90		
5	16QAM	1	0	23.94	23.99	23.86	25.7	0
5	16QAM	1	12	23.84	23.95	23.87		
5	16QAM	1	24	23.80	23.78	23.78		
5	16QAM	12	0	23.00	23.29	23.11	24.7	1
5	16QAM	12	7	23.04	23.13	23.01		
5	16QAM	12	13	23.06	23.16	23.00		
5	16QAM	25	0	23.02	23.01	22.84		
5	64QAM	1	0	22.89	23.05	22.94	24.7	1
5	64QAM	1	12	22.72	22.88	22.78		
5	64QAM	1	24	22.85	22.92	22.94		
5	64QAM	12	0	21.90	22.12	22.00	23.7	2
5	64QAM	12	7	21.77	21.89	21.85		
5	64QAM	12	13	21.83	21.99	21.84		
5	64QAM	25	0	22.01	22.10	22.03		
5	256QAM	1	0	19.07	19.14	19.07	20.7	5
5	256QAM	1	12	19.00	19.09	18.98		
5	256QAM	1	24	18.99	19.13	19.04		
5	256QAM	12	0	19.06	19.14	19.08	20.7	5
5	256QAM	12	7	18.83	19.01	18.92		
5	256QAM	12	13	18.88	18.95	18.95		
5	256QAM	25	0	18.90	19.02	18.90		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	23.90	24.10	23.92	25.7	0
3	QPSK	1	8	23.90	24.03	23.77		
3	QPSK	1	14	23.80	24.00	23.83		
3	QPSK	8	0	23.89	23.98	23.88	25.7	0
3	QPSK	8	4	23.82	23.90	23.89		
3	QPSK	8	7	23.79	23.93	23.98		
3	QPSK	15	0	23.94	24.01	23.90		
3	16QAM	1	0	23.79	23.80	23.75	25.7	0
3	16QAM	1	8	23.78	23.80	23.74		
3	16QAM	1	14	23.75	23.74	23.72		
3	16QAM	8	0	22.96	23.18	23.06	24.7	1
3	16QAM	8	4	23.00	22.94	22.87		
3	16QAM	8	7	23.00	23.05	22.88		
3	16QAM	15	0	22.89	22.98	22.83		
3	64QAM	1	0	22.99	23.08	22.93	24.7	1
3	64QAM	1	8	22.94	22.98	23.00		
3	64QAM	1	14	22.79	22.81	22.78		
3	64QAM	8	0	21.90	21.98	21.93	23.7	2
3	64QAM	8	4	21.74	21.83	21.73		
3	64QAM	8	7	21.80	21.86	21.79		
3	64QAM	15	0	21.93	22.08	21.92		
3	256QAM	1	0	18.95	19.08	19.04	20.7	5
3	256QAM	1	8	18.83	19.00	18.94		
3	256QAM	1	14	18.97	18.94	18.87		
3	256QAM	8	0	18.92	18.98	18.89	20.7	5
3	256QAM	8	4	18.79	18.94	18.77		
3	256QAM	8	7	18.75	18.89	18.78		
3	256QAM	15	0	18.91	18.99	18.86		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	23.81	24.07	23.94	25.7	0
1.4	QPSK	1	3	23.90	24.02	23.82		
1.4	QPSK	1	5	23.85	24.00	23.85		
1.4	QPSK	3	0	23.96	24.03	23.82		
1.4	QPSK	3	1	23.84	23.91	23.83		
1.4	QPSK	3	3	23.82	23.97	23.93		
1.4	QPSK	6	0	23.95	24.05	23.98	25.7	0
1.4	16QAM	1	0	24.05	24.05	24.08	25.7	0
1.4	16QAM	1	3	23.88	23.93	23.87		
1.4	16QAM	1	5	23.83	23.91	23.82		
1.4	16QAM	3	0	23.76	23.84	23.75		
1.4	16QAM	3	1	23.88	24.05	23.95		
1.4	16QAM	3	3	23.91	23.86	23.70		
1.4	16QAM	6	0	23.82	24.01	23.78	24.7	1
1.4	64QAM	1	0	22.95	23.01	22.84	24.7	1
1.4	64QAM	1	3	22.90	22.95	22.93		
1.4	64QAM	1	5	22.74	22.90	22.77		
1.4	64QAM	3	0	22.76	22.94	22.91		
1.4	64QAM	3	1	22.89	23.11	23.09		
1.4	64QAM	3	3	22.84	22.88	22.76		
1.4	64QAM	6	0	22.83	22.97	22.83	23.7	2
1.4	256QAM	1	0	18.99	19.01	19.00	20.7	5
1.4	256QAM	1	3	18.92	18.93	18.83		
1.4	256QAM	1	5	18.91	19.01	18.96		
1.4	256QAM	3	0	18.92	19.03	19.00		
1.4	256QAM	3	1	18.71	18.91	18.81		
1.4	256QAM	3	3	18.77	18.84	18.82		
1.4	256QAM	6	0	18.87	18.93	18.92	20.7	5

Band 12 Ant1 Default

BW [MHz]	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	24.05	24.19	24.13	25.7	0
10	QPSK	1	25	24.01	24.12	23.91		
10	QPSK	1	49	24.00	24.03	23.88		
10	QPSK	25	0	24.08	24.14	24.06	25.7	0
10	QPSK	25	12	23.89	24.03	24.02		
10	QPSK	25	25	24.08	24.10	24.10		
10	QPSK	50	0	23.99	24.05	24.02		
10	16QAM	1	0	23.98	24.15	24.03	25.7	0
10	16QAM	1	25	24.02	24.02	23.93		
10	16QAM	1	49	23.92	23.98	23.94		
10	16QAM	25	0	23.01	23.12	23.01	24.7	1
10	16QAM	25	12	23.00	23.11	22.95		
10	16QAM	25	25	23.00	23.10	23.03		
10	16QAM	50	0	22.97	23.10	23.00		
10	64QAM	1	0	23.13	23.24	23.08	24.7	1
10	64QAM	1	25	23.07	23.15	23.02		
10	64QAM	1	49	23.04	23.15	23.01		
10	64QAM	25	0	21.94	22.00	21.97	23.7	2
10	64QAM	25	12	21.84	21.98	21.84		
10	64QAM	25	25	21.87	21.92	21.88		
10	64QAM	50	0	21.95	22.04	21.96		
10	256QAM	1	0	19.11	19.14	19.10	20.7	5
10	256QAM	1	25	18.98	19.11	19.04		
10	256QAM	1	49	19.07	19.14	19.03		
10	256QAM	25	0	18.95	19.03	18.92	20.7	5
10	256QAM	25	12	18.80	18.88	18.86		
10	256QAM	25	25	18.85	18.95	18.87		
10	256QAM	50	0	18.92	18.98	18.90		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	23.96	24.04	24.10	25.7	0
5	QPSK	1	12	23.97	23.98	23.77		
5	QPSK	1	24	23.93	23.97	23.85		
5	QPSK	12	0	24.01	24.00	23.97	25.7	0
5	QPSK	12	7	23.77	23.92	23.93		
5	QPSK	12	13	23.96	24.00	24.03		
5	QPSK	25	0	23.87	23.91	23.96		
5	16QAM	1	0	23.92	24.10	23.98	25.7	0
5	16QAM	1	12	23.95	23.97	23.88		
5	16QAM	1	24	23.87	23.93	23.89		
5	16QAM	12	0	22.86	23.07	22.95	24.7	1
5	16QAM	12	7	22.87	22.98	22.87		
5	16QAM	12	13	22.93	23.05	22.95		
5	16QAM	25	0	22.89	23.01	22.89		
5	64QAM	1	0	23.04	23.21	22.99	24.7	1
5	64QAM	1	12	22.93	23.07	22.96		
5	64QAM	1	24	23.01	23.01	22.88		
5	64QAM	12	0	21.86	21.88	21.89	23.7	2
5	64QAM	12	7	21.79	21.88	21.81		
5	64QAM	12	13	21.80	21.76	21.75		
5	64QAM	25	0	21.92	21.92	21.85		
5	256QAM	1	0	18.97	19.08	18.98	20.7	5
5	256QAM	1	12	18.91	19.03	18.93		
5	256QAM	1	24	18.97	19.04	18.94		
5	256QAM	12	0	18.87	18.92	18.83	20.7	5
5	256QAM	12	7	18.75	18.75	18.76		
5	256QAM	12	13	18.75	18.81	18.83		
5	256QAM	25	0	18.82	18.86	18.87		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	24.00	24.14	24.02	25.7	0
3	QPSK	1	8	23.97	23.98	23.82		
3	QPSK	1	14	23.90	23.97	23.79		
3	QPSK	8	0	23.99	24.08	24.02	25.7	0
3	QPSK	8	4	23.83	23.94	23.99		
3	QPSK	8	7	24.00	24.07	24.07		
3	QPSK	15	0	23.84	23.93	23.90		
3	16QAM	1	0	23.94	24.01	23.98	25.7	0
3	16QAM	1	8	23.98	23.93	23.87		
3	16QAM	1	14	23.80	23.93	23.81		
3	16QAM	8	0	22.94	23.06	22.93	24.7	1
3	16QAM	8	4	22.96	23.00	22.85		
3	16QAM	8	7	22.94	22.98	22.89		
3	16QAM	15	0	22.91	23.01	22.94		
3	64QAM	1	0	22.99	23.16	23.00	24.7	1
3	64QAM	1	8	23.04	23.10	22.88		
3	64QAM	1	14	22.90	23.04	22.93		
3	64QAM	8	0	21.82	21.94	21.89	23.7	2
3	64QAM	8	4	21.72	21.93	21.77		
3	64QAM	8	7	21.79	21.75	21.76		
3	64QAM	15	0	21.89	22.00	21.84		
3	256QAM	1	0	19.03	19.00	19.00	20.7	5
3	256QAM	1	8	18.88	18.96	18.97		
3	256QAM	1	14	18.97	19.04	18.95		
3	256QAM	8	0	18.85	18.96	18.85	20.7	5
3	256QAM	8	4	18.74	18.80	18.71		
3	256QAM	8	7	18.71	18.80	18.73		
3	256QAM	15	0	18.83	18.94	18.84		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	23.99	24.13	24.01	25.7	0
1.4	QPSK	1	3	23.87	24.01	23.76		
1.4	QPSK	1	5	23.87	23.90	23.81		
1.4	QPSK	3	0	23.95	24.03	23.99		
1.4	QPSK	3	1	23.82	23.95	23.95		
1.4	QPSK	3	3	23.96	24.02	24.07		
1.4	QPSK	6	0	23.91	23.97	23.95	25.7	0
1.4	16QAM	1	0	23.86	24.00	23.91	25.7	0
1.4	16QAM	1	3	23.87	23.88	23.81		
1.4	16QAM	1	5	23.82	23.90	23.80		
1.4	16QAM	3	0	23.89	24.03	23.94		
1.4	16QAM	3	1	23.83	23.97	23.82		
1.4	16QAM	3	3	23.91	24.01	23.89		
1.4	16QAM	6	0	22.92	22.99	22.90	24.7	1
1.4	64QAM	1	0	23.00	23.12	22.94	24.7	1
1.4	64QAM	1	3	22.95	23.12	22.96		
1.4	64QAM	1	5	22.94	23.01	22.91		
1.4	64QAM	3	0	22.80	22.92	22.89		
1.4	64QAM	3	1	22.72	22.86	22.75		
1.4	64QAM	3	3	22.81	22.72	22.74		
1.4	64QAM	6	0	21.82	21.90	21.85	23.7	2
1.4	256QAM	1	0	19.07	19.08	19.00	20.7	5
1.4	256QAM	1	3	18.88	18.96	18.94		
1.4	256QAM	1	5	18.97	19.09	18.97		
1.4	256QAM	3	0	18.84	18.88	18.86		
1.4	256QAM	3	1	18.84	18.78	18.73		
1.4	256QAM	3	3	18.75	18.86	18.80		
1.4	256QAM	6	0	18.78	18.91	18.77	20.7	5

Band 13 Ant1 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		24.18		25.7	0
10	QPSK	1	25		24.03			
10	QPSK	1	49		23.95			
10	QPSK	25	0		24.08		25.7	0
10	QPSK	25	12		24.00			
10	QPSK	25	25		24.00			
10	QPSK	50	0		23.94			
10	16QAM	1	0		24.16		25.7	0
10	16QAM	1	25		23.98			
10	16QAM	1	49		24.00			
10	16QAM	25	0		23.11		24.7	1
10	16QAM	25	12		23.08			
10	16QAM	25	25		23.01			
10	16QAM	50	0		23.05			
10	64QAM	1	0		23.14		24.7	1
10	64QAM	1	25		22.97			
10	64QAM	1	49		23.03			
10	64QAM	25	0		21.91		23.7	2
10	64QAM	25	12		21.89			
10	64QAM	25	25		21.84			
10	64QAM	50	0		22.00			
10	256QAM	1	0		19.03		20.7	5
10	256QAM	1	25		18.96			
10	256QAM	1	49		18.91			
10	256QAM	25	0		19.00		20.7	5
10	256QAM	25	12		18.91			
10	256QAM	25	25		18.88			
10	256QAM	50	0		18.88			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	23.99	24.09	24.05	25.7	0
5	QPSK	1	12	23.89	23.92	23.87		
5	QPSK	1	24	23.74	23.88	23.81		
5	QPSK	12	0	23.89	23.94	23.86	25.7	0
5	QPSK	12	7	23.88	23.91	23.81		
5	QPSK	12	13	23.85	23.93	23.84		
5	QPSK	25	0	23.73	23.79	23.79		
5	16QAM	1	0	23.99	24.06	23.97	25.7	0
5	16QAM	1	12	23.87	23.88	23.81		
5	16QAM	1	24	23.89	23.87	23.78		
5	16QAM	12	0	23.01	22.97	22.97	24.7	1
5	16QAM	12	7	22.99	22.94	22.90		
5	16QAM	12	13	22.89	22.95	22.82		
5	16QAM	25	0	22.92	22.99	22.94		
5	64QAM	1	0	22.99	23.03	22.97	24.7	1
5	64QAM	1	12	22.79	22.89	22.74		
5	64QAM	1	24	22.85	22.90	22.83		
5	64QAM	12	0	21.72	21.85	21.78	23.7	2
5	64QAM	12	7	21.74	21.77	21.75		
5	64QAM	12	13	21.79	21.78	21.74		
5	64QAM	25	0	21.77	21.92	21.82		
5	256QAM	1	0	18.84	18.98	18.88	20.7	5
5	256QAM	1	12	18.74	18.83	18.83		
5	256QAM	1	24	18.77	18.77	18.82		
5	256QAM	12	0	18.80	18.93	18.89	20.7	5
5	256QAM	12	7	18.73	18.83	18.71		
5	256QAM	12	13	18.73	18.79	18.76		
5	256QAM	25	0	18.71	18.74	18.71		

Band 17 Ant1 Default

BW [MHz]	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	24.27	24.43	24.25	25.7	0
10	QPSK	1	25	24.13	24.19	24.21		
10	QPSK	1	49	24.12	24.15	24.07		
10	QPSK	25	0	24.28	24.36	24.27	25.7	0
10	QPSK	25	12	24.10	24.32	24.26		
10	QPSK	25	25	24.28	24.34	24.29		
10	QPSK	50	0	24.12	24.31	24.20		
10	16QAM	1	0	24.28	24.41	24.28	25.7	0
10	16QAM	1	25	24.27	24.37	24.20		
10	16QAM	1	49	24.18	24.33	24.20		
10	16QAM	25	0	23.38	23.38	23.38	24.7	1
10	16QAM	25	12	23.25	23.36	23.31		
10	16QAM	25	25	23.20	23.36	23.21		
10	16QAM	50	0	23.22	23.28	23.23		
10	64QAM	1	0	23.36	23.41	23.28	24.7	1
10	64QAM	1	25	23.40	23.40	23.33		
10	64QAM	1	49	23.29	23.38	23.30		
10	64QAM	25	0	22.31	22.30	22.26	23.7	2
10	64QAM	25	12	22.19	22.28	22.25		
10	64QAM	25	25	22.04	22.16	22.11		
10	64QAM	50	0	22.24	22.32	22.27		
10	256QAM	1	0	19.27	19.33	19.25	20.7	5
10	256QAM	1	25	19.23	19.32	19.23		
10	256QAM	1	49	19.24	19.28	19.23		
10	256QAM	25	0	19.22	19.28	19.14	20.7	5
10	256QAM	25	12	19.06	19.20	19.05		
10	256QAM	25	25	19.08	19.09	19.09		
10	256QAM	50	0	19.17	19.24	19.17		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	24.16	24.38	24.19	25.7	0
5	QPSK	1	12	24.02	24.11	24.08		
5	QPSK	1	24	24.02	24.06	24.00		
5	QPSK	12	0	24.19	24.32	24.21	25.7	0
5	QPSK	12	7	24.08	24.19	24.19		
5	QPSK	12	13	24.14	24.24	24.22		
5	QPSK	25	0	24.08	24.19	24.10		
5	16QAM	1	0	24.19	24.36	24.20	25.7	0
5	16QAM	1	12	24.20	24.29	24.14		
5	16QAM	1	24	24.07	24.29	24.06		
5	16QAM	12	0	23.35	23.27	23.33	24.7	1
5	16QAM	12	7	23.15	23.26	23.23		
5	16QAM	12	13	23.15	23.28	23.10		
5	16QAM	25	0	23.12	23.21	23.12		
5	64QAM	1	0	23.32	23.28	23.15	24.7	1
5	64QAM	1	12	23.33	23.27	23.27		
5	64QAM	1	24	23.14	23.26	23.26		
5	64QAM	12	0	22.22	22.17	22.16	23.7	2
5	64QAM	12	7	22.14	22.24	22.14		
5	64QAM	12	13	22.04	22.06	22.01		
5	64QAM	25	0	22.14	22.28	22.17		
5	256QAM	1	0	19.17	19.23	19.16	20.7	5
5	256QAM	1	12	19.13	19.26	19.09		
5	256QAM	1	24	19.11	19.22	19.20		
5	256QAM	12	0	19.11	19.16	19.01	20.7	5
5	256QAM	12	7	19.03	19.17	19.00		
5	256QAM	12	13	19.18	19.19	19.09		
5	256QAM	25	0	19.05	19.12	19.06		

Band 26 Ant1 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	24.01	24.18	24.06	25.7	0
15	QPSK	1	37	24.07	24.07	24.00		
15	QPSK	1	74	23.95	24.00	23.91		
15	QPSK	36	0	24.05	24.14	24.02	25.7	0
15	QPSK	36	20	23.99	23.98	23.91		
15	QPSK	36	39	23.99	24.02	23.93		
15	QPSK	75	0	23.91	23.98	23.94		
15	16QAM	1	0	24.02	24.05	24.00	25.7	0
15	16QAM	1	37	23.88	23.98	23.89		
15	16QAM	1	74	23.90	24.02	23.87		
15	16QAM	36	0	23.09	23.18	23.10	24.7	1
15	16QAM	36	20	22.96	23.15	23.01		
15	16QAM	36	39	23.02	23.12	23.05		
15	16QAM	75	0	23.07	23.13	22.96		
15	64QAM	1	0	23.08	23.27	23.14	24.7	1
15	64QAM	1	37	23.11	23.15	23.17		
15	64QAM	1	74	23.06	23.17	23.06		
15	64QAM	36	0	22.06	22.11	21.96	23.7	2
15	64QAM	36	20	21.85	21.95	21.87		
15	64QAM	36	39	21.96	22.04	22.07		
15	64QAM	75	0	22.13	22.11	21.99		
15	256QAM	1	0	19.13	19.15	19.09	20.7	5
15	256QAM	1	37	18.95	19.09	19.00		
15	256QAM	1	74	18.96	19.05	19.02		
15	256QAM	36	0	19.12	19.24	19.17	20.7	5
15	256QAM	36	20	18.95	19.06	18.96		
15	256QAM	36	39	19.13	19.14	19.10		
15	256QAM	75	0	19.05	19.18	19.08		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	23.96	24.07	23.91	25.7	0
10	QPSK	1	25	24.03	23.97	23.96		
10	QPSK	1	49	23.86	23.90	23.82		
10	QPSK	25	0	23.94	24.00	23.92	25.7	0
10	QPSK	25	12	23.94	23.84	23.86		
10	QPSK	25	25	23.87	23.90	23.80		
10	QPSK	50	0	23.88	23.95	23.83		
10	16QAM	1	0	23.87	23.99	23.92	25.7	0
10	16QAM	1	25	23.80	23.93	23.83		
10	16QAM	1	49	23.87	23.95	23.74		
10	16QAM	25	0	23.05	23.14	23.04	24.7	1
10	16QAM	25	12	22.84	23.02	22.94		
10	16QAM	25	25	22.91	23.06	23.02		
10	16QAM	50	0	22.93	23.09	22.90		
10	64QAM	1	0	22.97	23.18	23.06	24.7	1
10	64QAM	1	25	22.99	23.10	23.06		
10	64QAM	1	49	22.99	23.10	22.93		
10	64QAM	25	0	21.96	22.07	21.88	23.7	2
10	64QAM	25	12	21.79	21.92	21.76		
10	64QAM	25	25	21.86	21.94	21.93		
10	64QAM	50	0	22.03	21.98	21.88		
10	256QAM	1	0	18.98	19.09	19.01	20.7	5
10	256QAM	1	25	18.83	18.94	18.86		
10	256QAM	1	49	18.92	18.92	18.87		
10	256QAM	25	0	19.05	19.17	19.09	20.7	5
10	256QAM	25	12	18.86	18.96	18.86		
10	256QAM	25	25	19.09	19.10	19.02		
10	256QAM	50	0	18.99	19.04	18.93		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	23.87	24.09	23.98	25.7	0
5	QPSK	1	12	23.93	23.99	23.85		
5	QPSK	1	24	23.81	23.97	23.83		
5	QPSK	12	0	23.93	24.05	23.90	25.7	0
5	QPSK	12	7	23.87	23.91	23.83		
5	QPSK	12	13	23.92	23.93	23.90		
5	QPSK	25	0	23.81	23.86	23.87		
5	16QAM	1	0	23.90	23.92	23.90	25.7	0
5	16QAM	1	12	23.84	23.92	23.85		
5	16QAM	1	24	23.82	23.90	23.76		
5	16QAM	12	0	23.02	23.14	23.02	24.7	1
5	16QAM	12	7	22.90	23.09	22.96		
5	16QAM	12	13	22.88	23.03	22.99		
5	16QAM	25	0	22.96	23.06	22.88		
5	64QAM	1	0	23.04	23.22	23.06	24.7	1
5	64QAM	1	12	22.99	23.08	23.10		
5	64QAM	1	24	23.03	23.03	22.96		
5	64QAM	12	0	21.99	22.01	21.87	23.7	2
5	64QAM	12	7	21.76	21.88	21.80		
5	64QAM	12	13	21.90	22.01	22.03		
5	64QAM	25	0	22.10	22.08	21.91		
5	256QAM	1	0	19.06	19.02	19.05	20.7	5
5	256QAM	1	12	18.81	18.97	18.90		
5	256QAM	1	24	18.89	18.93	18.89		
5	256QAM	12	0	19.05	19.15	19.08	20.7	5
5	256QAM	12	7	18.89	19.03	18.83		
5	256QAM	12	13	19.07	19.06	19.01		
5	256QAM	25	0	18.97	19.05	18.94		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	23.86	24.08	24.01	25.7	0
3	QPSK	1	8	24.03	23.97	23.95		
3	QPSK	1	14	23.84	23.89	23.80		
3	QPSK	8	0	23.94	24.02	23.90	25.7	0
3	QPSK	8	4	23.84	23.87	23.79		
3	QPSK	8	7	23.92	23.94	23.82		
3	QPSK	15	0	23.79	23.90	23.85		
3	16QAM	1	0	23.94	24.01	23.87	25.7	0
3	16QAM	1	8	23.80	23.88	23.86		
3	16QAM	1	14	23.83	23.91	23.79		
3	16QAM	8	0	22.96	23.13	23.02	24.7	1
3	16QAM	8	4	22.81	23.01	22.88		
3	16QAM	8	7	22.91	23.03	22.91		
3	16QAM	15	0	22.92	23.08	22.84		
3	64QAM	1	0	22.95	23.16	23.06	24.7	1
3	64QAM	1	8	23.04	23.03	23.10		
3	64QAM	1	14	23.00	23.09	22.98		
3	64QAM	8	0	21.97	21.97	21.93	23.7	2
3	64QAM	8	4	21.74	21.85	21.73		
3	64QAM	8	7	21.82	21.96	21.98		
3	64QAM	15	0	22.08	22.02	21.85		
3	256QAM	1	0	19.08	19.07	18.94	20.7	5
3	256QAM	1	8	18.91	18.94	18.86		
3	256QAM	1	14	18.87	19.00	18.98		
3	256QAM	8	0	19.05	19.20	19.09	20.7	5
3	256QAM	8	4	18.85	19.02	18.84		
3	256QAM	8	7	19.09	19.07	19.03		
3	256QAM	15	0	19.01	19.13	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	23.87	24.13	24.01	25.7	0
1.4	QPSK	1	3	24.03	23.96	23.97		
1.4	QPSK	1	5	23.88	23.97	23.78		
1.4	QPSK	3	0	23.90	24.02	23.94		
1.4	QPSK	3	1	23.84	23.87	23.87		
1.4	QPSK	3	3	23.90	23.90	23.84		
1.4	QPSK	6	0	23.88	23.94	23.83	25.7	0
1.4	16QAM	1	0	23.98	23.93	23.93	25.7	0
1.4	16QAM	1	3	23.74	23.84	23.80		
1.4	16QAM	1	5	23.80	23.88	23.77		
1.4	16QAM	3	0	23.98	24.11	23.97		
1.4	16QAM	3	1	23.88	24.02	23.93		
1.4	16QAM	3	3	23.98	24.02	23.92		
1.4	16QAM	6	0	22.93	23.10	22.90	24.7	1
1.4	64QAM	1	0	23.02	23.23	23.08	24.7	1
1.4	64QAM	1	3	22.96	23.03	23.03		
1.4	64QAM	1	5	23.00	23.09	22.96		
1.4	64QAM	3	0	22.96	22.97	22.87		
1.4	64QAM	3	1	22.81	22.89	22.81		
1.4	64QAM	3	3	22.89	22.97	22.97		
1.4	64QAM	6	0	22.07	21.97	21.90	23.7	2
1.4	256QAM	1	0	19.04	19.09	19.04	20.7	5
1.4	256QAM	1	3	18.82	18.99	18.90		
1.4	256QAM	1	5	18.90	18.99	18.94		
1.4	256QAM	3	0	19.00	19.19	19.04		
1.4	256QAM	3	1	18.80	18.95	18.82		
1.4	256QAM	3	3	19.08	19.00	18.96		
1.4	256QAM	6	0	18.98	19.06	19.02	20.7	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				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	22.42	22.60	22.47		
20	QPSK	1	49	22.47	22.51	22.40	24	0
20	QPSK	1	99	22.50	22.53	22.49		
20	QPSK	50	0	22.44	22.52	22.45		
20	QPSK	50	24	22.45	22.48	22.43	24	0
20	QPSK	50	50	22.42	22.50	22.45		
20	QPSK	100	0	22.37	22.47	22.40		
20	16QAM	1	0	22.38	22.41	22.31		
20	16QAM	1	49	22.21	22.32	22.24	24	0
20	16QAM	1	99	22.22	22.30	22.26		
20	16QAM	50	0	21.42	21.51	21.48		
20	16QAM	50	24	21.34	21.44	21.39	23	1
20	16QAM	50	50	21.35	21.42	21.39		
20	16QAM	100	0	21.37	21.48	21.38		
20	64QAM	1	0	21.37	21.45	21.37		
20	64QAM	1	49	21.34	21.37	21.34	23	1
20	64QAM	1	99	21.35	21.41	21.34		
20	64QAM	50	0	20.36	20.46	20.36		
20	64QAM	50	24	20.31	20.38	20.34	22	2
20	64QAM	50	50	20.35	20.40	20.31		
20	64QAM	100	0	20.46	20.51	20.41		
20	256QAM	1	0	17.48	17.59	17.50		
20	256QAM	1	49	17.44	17.54	17.48	19	5
20	256QAM	1	99	17.39	17.49	17.45		
20	256QAM	50	0	17.48	17.55	17.50		
20	256QAM	50	24	17.46	17.51	17.44	19	5
20	256QAM	50	50	17.40	17.47	17.43		
20	256QAM	100	0	17.48	17.58	17.52		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	22.31	22.49	22.40		
15	QPSK	1	37	22.40	22.37	22.32	24	0
15	QPSK	1	74	22.35	22.44	22.34		
15	QPSK	36	0	22.34	22.42	22.32		
15	QPSK	36	20	22.39	22.44	22.40	24	0
15	QPSK	36	39	22.36	22.35	22.37		
15	QPSK	75	0	22.30	22.40	22.35		
15	16QAM	1	0	22.25	22.34	22.20		
15	16QAM	1	37	22.12	22.25	22.12	24	0
15	16QAM	1	74	22.15	22.18	22.17		
15	16QAM	36	0	21.30	21.45	21.39		
15	16QAM	36	20	21.24	21.36	21.33	23	1
15	16QAM	36	39	21.28	21.38	21.25		
15	16QAM	75	0	21.24	21.38	21.25		
15	64QAM	1	0	21.22	21.41	21.26		
15	64QAM	1	37	21.21	21.25	21.28	23	1
15	64QAM	1	74	21.30	21.33	21.30		
15	64QAM	36	0	20.31	20.35	20.21		
15	64QAM	36	20	20.21	20.24	20.23	22	2
15	64QAM	36	39	20.25	20.33	20.28		
15	64QAM	75	0	20.31	20.37	20.36		
15	256QAM	1	0	17.39	17.46	17.43		
15	256QAM	1	37	17.32	17.40	17.36	19	5
15	256QAM	1	74	17.26	17.36	17.39		
15	256QAM	36	0	17.44	17.46	17.38		
15	256QAM	36	20	17.32	17.36	17.31	19	5
15	256QAM	36	39	17.29	17.33	17.31		
15	256QAM	75	0	17.42	17.45	17.39		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	22.39	22.56	22.34		
10	QPSK	1	25	22.42	22.42	22.28	24	0
10	QPSK	1	49	22.41	22.44	22.39		
10	QPSK	25	0	22.35	22.47	22.32		
10	QPSK	25	12	22.39	22.38	22.32	24	0
10	QPSK	25	25	22.30	22.44	22.36		
10	QPSK	50	0	22.32	22.35	22.32		
10	16QAM	1	0	22.27	22.35	22.20		
10	16QAM	1	25	22.12	22.27	22.15	24	0
10	16QAM	1	49	22.09	22.20	22.21		
10	16QAM	25	0	21.34	21.41	21.39		
10	16QAM	25	12	21.20	21.32	21.34	23	1
10	16QAM	25	25	21.22	21.29	21.32		
10	16QAM	50	0	21.30	21.36	21.35		
10	64QAM	1	0	21.31	21.41	21.23		
10	64QAM	1	25	21.25	21.30	21.23	23	1
10	64QAM	1	49	21.23	21.37	21.29		
10	64QAM	25	0	20.31	20.31	20.23		
10	64QAM	25	12	20.17	20.28	20.24	22	2
10	64QAM	25	25	20.24	20.34	20.22		
10	64QAM	50	0	20.39	20.39	20.29		
10	256QAM	1	0	17.36	17.46	17.35		
10	256QAM	1	25	17.37	17.45	17.41	19	5
10	256QAM	1	49	17.31	17.41	17.31		
10	256QAM	25	0	17.40	17.49	17.39		
10	256QAM	25	12	17.36	17.44	17.40	19	5
10	256QAM	25	25	17.35	17.34	17.37		
10	256QAM	50	0	17.37	17.52	17.40		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	22.30	22.48	22.37		
5	QPSK	1	12	22.41	22.37	22.33	24	0
5	QPSK	1	24	22.46	22.48	22.38		
5	QPSK	12	0	22.34	22.46	22.36		
5	QPSK	12	7	22.37	22.42	22.32	24	0
5	QPSK	12	13	22.35	22.40	22.37		
5	QPSK	25	0	22.31	22.37	22.30		
5	16QAM	1	0	22.32	22.31	22.28		
5	16QAM	1	12	22.17	22.27	22.16	24	0
5	16QAM	1	24	22.09	22.17	22.16		
5	16QAM	12	0	21.28	21.46	21.42		
5	16QAM	12	7	21.29	21.33	21.30	23	1
5	16QAM	12	13	21.31	21.30	21.27		
5	16QAM	25	0	21.30	21.33	21.29		
5	64QAM	1	0	21.26	21.35	21.25		
5	64QAM	1	12	21.31	21.27	21.24	23	1
5	64QAM	1	24	21.30	21.28	21.29		
5	64QAM	12	0	20.30	20.38	20.27		
5	64QAM	12	7	20.26	20.27	20.29	22	2
5	64QAM	12	13	20.24	20.32	20.28		
5	64QAM	25	0	20.32	20.48	20.33		
5	256QAM	1	0	17.44	17.56	17.35		
5	256QAM	1	12	17.34	17.47	17.42	19	5
5	256QAM	1	24	17.35	17.37	17.31		
5	256QAM	12	0	17.41	17.49	17.45		
5	256QAM	12	7	17.37	17.47	17.34	19	5
5	256QAM	12	13	17.26	17.36	17.29		
5	256QAM	25	0	17.40	17.53	17.47		

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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	21.22	21.38	21.20	21.16		
20	QPSK	1	49	21.23	21.27	21.23	21.17	22.5	0
20	QPSK	1	99	21.16	21.26	21.20	21.19		
20	QPSK	50	0	21.30	21.35	21.25	21.30		
20	QPSK	50	24	21.20	21.29	21.22	21.24	22.5	0
20	QPSK	50	50	21.12	21.20	21.15	21.11		
20	QPSK	100	0	21.29	21.34	21.29	21.26		
20	16QAM	1	0	21.25	21.29	21.24	21.23		
20	16QAM	1	49	21.14	21.20	21.17	21.15	22.5	0
20	16QAM	1	99	21.21	21.25	21.12	21.15		
20	16QAM	50	0	20.28	20.39	20.30	20.30		
20	16QAM	50	24	20.29	20.33	20.29	20.22	21.5	1
20	16QAM	50	50	20.26	20.34	20.22	20.21		
20	16QAM	100	0	20.34	20.40	20.30	20.30		
20	64QAM	1	0	20.28	20.35	20.28	20.31		
20	64QAM	1	49	20.16	20.27	20.24	20.23	21.5	1
20	64QAM	1	99	20.23	20.27	20.19	20.18		
20	64QAM	50	0	19.31	19.38	19.34	19.29		
20	64QAM	50	24	19.18	19.27	19.27	19.23	20.5	2
20	64QAM	50	50	19.20	19.30	19.25	19.21		
20	64QAM	100	0	19.32	19.40	19.37	19.35		
20	256QAM	1	0	16.25	16.34	16.28	16.24		
20	256QAM	1	49	16.26	16.30	16.21	16.26	17.5	5
20	256QAM	1	99	16.17	16.25	16.21	16.21		
20	256QAM	50	0	16.31	16.37	16.31	16.33		
20	256QAM	50	24	16.28	16.33	16.19	16.28	17.5	5
20	256QAM	50	50	16.25	16.34	16.17	16.23		
20	256QAM	100	0	16.33	16.42	16.35	16.32		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	21.17	21.31	21.12	21.06		
15	QPSK	1	37	21.14	21.23	21.18	21.06	22.5	0
15	QPSK	1	74	21.06	21.13	21.13	21.07		
15	QPSK	36	0	21.23	21.21	21.11	21.23		
15	QPSK	36	20	21.06	21.17	21.16	21.12	22.5	0
15	QPSK	36	39	21.09	21.15	21.09	21.02		
15	QPSK	75	0	21.26	21.26	21.26	21.14		
15	16QAM	1	0	21.13	21.19	21.20	21.10		
15	16QAM	1	37	21.08	21.08	21.10	21.03	22.5	0
15	16QAM	1	74	21.06	21.17	21.08	21.02		
15	16QAM	36	0	20.17	20.36	20.23	20.25		
15	16QAM	36	20	20.24	20.18	20.21	20.15	21.5	1
15	16QAM	36	39	20.22	20.21	20.08	20.12		
15	16QAM	75	0	20.22	20.27	20.21	20.25		
15	64QAM	1	0	20.17	20.28	20.19	20.28		
15	64QAM	1	37	20.02	20.13	20.15	20.09	21.5	1
15	64QAM	1	74	20.10	20.16	20.09	20.10		
15	64QAM	36	0	19.25	19.25	19.20	19.15		
15	64QAM	36	20	19.04	19.19	19.23	19.16	20.5	2
15	64QAM	36	39	19.17	19.15	19.16	19.18		
15	64QAM	75	0	19.28	19.36	19.24	19.29		
15	256QAM	1	0	16.11	16.20	16.19	16.19		
15	256QAM	1	37	16.20	16.25	16.15	16.21	17.5	5
15	256QAM	1	74	16.06	16.19	16.18	16.06		
15	256QAM	36	0	16.20	16.24	16.20	16.28		
15	256QAM	36	20	16.23	16.23	16.12	16.23	17.5	5
15	256QAM	36	39	16.21	16.22	16.04	16.16		
15	256QAM	75	0	16.26	16.33	16.30	16.25		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	21.14	21.34	21.14	21.08		
10	QPSK	1	25	21.18	21.24	21.17	21.12	22.5	0
10	QPSK	1	49	21.12	21.15	21.09	21.08		
10	QPSK	25	0	21.23	21.21	21.21	21.25		
10	QPSK	25	12	21.17	21.18	21.16	21.11	22.5	0
10	QPSK	25	25	21.05	21.17	21.01	21.02		
10	QPSK	50	0	21.22	21.21	21.19	21.13		
10	16QAM	1	0	21.13	21.16	21.19	21.15		
10	16QAM	1	25	21.06	21.09	21.11	21.03	22.5	0
10	16QAM	1	49	21.06	21.21	20.98	21.04		
10	16QAM	25	0	20.19	20.34	20.27	20.21		
10	16QAM	25	12	20.24	20.26	20.19	20.12	21.5	1
10	16QAM	25	25	20.19	20.22	20.11	20.09		
10	16QAM	50	0	20.19	20.31	20.23	20.24		
10	64QAM	1	0	20.18	20.30	20.17	20.19		
10	64QAM	1	25	20.02	20.22	20.18	20.19	21.5	1
10	64QAM	1	49	20.11	20.12	20.14	20.14		
10	64QAM	25	0	19.21	19.27	19.30	19.17		
10	64QAM	25	12	19.14	19.22	19.15	19.09	20.5	2
10	64QAM	25	25	19.11	19.24	19.19	19.17		
10	64QAM	50	0	19.29	19.26	19.26	19.31		
10	256QAM	1	0	16.14	16.26	16.17	16.19		
10	256QAM	1	25	16.21	16.17	16.07	16.22	17.5	5
10	256QAM	1	49	16.03	16.15	16.06	16.10		
10	256QAM	25	0	16.22	16.32	16.19	16.21		
10	256QAM	25	12	16.17	16.22	16.14	16.17	17.5	5
10	256QAM	25	25	16.17	16.28	16.13	16.11		
10	256QAM	50	0	16.25	16.31	16.27	16.28		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	21.11	21.28	21.12	21.03		
5	QPSK	1	12	21.08	21.12	21.16	21.10	22.5	0
5	QPSK	1	24	21.11	21.23	21.13	21.07		
5	QPSK	12	0	21.21	21.26	21.12	21.25		
5	QPSK	12	7	21.17	21.18	21.14	21.17	22.5	0
5	QPSK	12	13	20.98	21.15	21.08	21.08		
5	QPSK	25	0	21.17	21.25	21.25	21.13		
5	16QAM	1	0	21.17	21.14	21.18	21.13		
5	16QAM	1	12	21.04	21.17	21.05	21.06	22.5	0
5	16QAM	1	24	21.16	21.13	21.05	21.07		
5	16QAM	12	0	20.14	20.25	20.17	20.25		
5	16QAM	12	7	20.21	20.29	20.15	20.15	21.5	1
5	16QAM	12	13	20.19	20.30	20.09	20.12		
5	16QAM	25	0	20.28	20.32	20.24	20.26		
5	64QAM	1	0	20.17	20.23	20.23	20.25		
5	64QAM	1	12	20.11	20.24	20.14	20.09	21.5	1
5	64QAM	1	24	20.11	20.23	20.05	20.14		
5	64QAM	12	0	19.19	19.34	19.29	19.19		
5	64QAM	12	7	19.07	19.17	19.24	19.09	20.5	2
5	64QAM	12	13	19.17	19.16	19.11	19.06		
5	64QAM	25	0	19.28	19.32	19.23	19.32		
5	256QAM	1	0	16.17	16.27	16.23	16.13		
5	256QAM	1	12	16.21	16.25	16.08	16.13	17.5	5
5	256QAM	1	24	16.09	16.15	16.09	16.17		
5	256QAM	12	0	16.23	16.26	16.20	16.21		
5	256QAM	12	7	16.18	16.30	16.16	16.18	17.5	5
5	256QAM	12	13	16.21	16.23	16.12	16.13		
5	256QAM	25	0	16.22	16.33	16.27	16.20		

	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	29.65	29.58	29.74	30.40	20.65	20.58	20.74	21.40
GPRS 1 Tx slot	29.59	29.51	29.66	30.40	20.59	20.51	20.66	21.40
GPRS 2 Tx slots	26.53	26.47	26.61	27.40	20.53	20.47	20.61	21.40
GPRS 3 Tx slots	24.65	24.48	24.65	25.60	20.39	20.22	20.39	21.34
GPRS 4 Tx slots	23.42	23.46	23.42	24.40	20.42	20.46	20.42	21.40
EDGE 1 Tx slot	25.25	25.09	25.26	26.40	16.25	16.09	16.26	17.40
EDGE 2 Tx slots	22.61	22.44	22.53	23.40	16.61	16.44	16.53	17.40
EDGE 3 Tx slots	20.51	20.47	20.65	21.60	16.25	16.21	16.39	17.34
EDGE 4 Tx slots	19.34	19.22	19.45	20.40	16.34	16.22	16.45	17.40

		WCDMA II Ant3 Default				WCDMA IV Ant3 Default			
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	24.23	24.27	24.05	25.10	24.09	24.16	24.01	24.90
3GPP Rel 99	RMC 12.2Kbps	24.29	24.34	24.17	25.10	24.17	24.21	24.06	24.90
3GPP Rel 6	HSDPA Subtest-1	23.14	23.29	23.31	24.10	23.07	23.23	23.19	23.90
3GPP Rel 6	HSDPA Subtest-2	23.28	23.23	23.12	24.10	23.21	23.17	23.09	23.90
3GPP Rel 6	HSDPA Subtest-3	22.65	22.71	22.77	23.60	22.46	22.65	22.64	23.40
3GPP Rel 6	HSDPA Subtest-4	22.66	22.96	22.70	23.60	22.71	22.81	22.62	23.40
3GPP Rel 8	DC-HSDPA Subtest-1	23.33	23.34	23.19	24.10	23.20	23.25	23.05	23.90
3GPP Rel 8	DC-HSDPA Subtest-2	23.23	23.38	23.29	24.10	23.08	23.25	23.10	23.90
3GPP Rel 8	DC-HSDPA Subtest-3	22.70	22.88	22.74	23.60	22.51	22.76	22.63	23.40
3GPP Rel 8	DC-HSDPA Subtest-4	22.78	22.92	22.80	23.60	22.75	22.71	22.54	23.40
3GPP Rel 6	HSUPA Subtest-1	23.24	23.38	23.37	24.10	23.08	23.24	23.26	23.90
3GPP Rel 6	HSUPA Subtest-2	21.20	21.36	21.25	22.10	21.07	21.32	21.20	21.90
3GPP Rel 6	HSUPA Subtest-3	22.34	22.39	22.14	23.10	22.19	22.26	22.03	22.90
3GPP Rel 6	HSUPA Subtest-4	21.08	21.32	21.24	22.10	21.02	21.25	21.15	21.90
3GPP Rel 6	HSUPA Subtest-5	23.21	23.23	23.12	24.10	23.12	23.20	23.04	23.90
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.85	20.74	20.69	21.60	20.64	20.61	20.61	21.40

Band 2 Ant3 Default

BW [MHz]	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	24.97	25.08	25.05	25.6	0
20	QPSK	1	49	24.82	24.90	24.86		
20	QPSK	1	99	24.86	24.95	24.83		
20	QPSK	50	0	24.97	25.05	24.90		
20	QPSK	50	24	24.91	25.02	24.95	25.6	0
20	QPSK	50	50	24.89	24.93	24.83		
20	QPSK	100	0	24.92	24.98	24.88		
20	16QAM	1	0	24.87	25.01	24.92		
20	16QAM	1	49	24.81	24.93	24.81	25.6	0
20	16QAM	1	99	24.89	24.96	24.84		
20	16QAM	50	0	23.85	23.93	23.95		
20	16QAM	50	24	23.84	23.93	23.79	24.6	1
20	16QAM	50	50	23.80	23.86	23.81		
20	16QAM	100	0	24.02	24.05	23.99		
20	64QAM	1	0	23.98	24.11	24.00		
20	64QAM	1	49	24.03	24.08	24.01	24.6	1
20	64QAM	1	99	23.94	24.01	23.86		
20	64QAM	50	0	22.82	22.94	22.80		
20	64QAM	50	24	22.71	22.83	22.78	23.6	2
20	64QAM	50	50	22.67	22.82	22.69		
20	64QAM	100	0	22.97	23.01	22.95		
20	256QAM	1	0	19.95	20.08	19.99		
20	256QAM	1	49	19.84	19.94	19.91	20.6	5
20	256QAM	1	99	19.93	19.99	19.92		
20	256QAM	50	0	19.97	20.04	19.92		
20	256QAM	50	24	19.83	19.90	19.86	20.6	5
20	256QAM	50	50	19.83	19.91	19.81		
20	256QAM	100	0	19.84	19.99	19.88		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	24.85	24.97	24.96	25.6	0
15	QPSK	1	37	24.75	24.85	24.81		
15	QPSK	1	74	24.80	24.89	24.77		
15	QPSK	36	0	24.92	24.94	24.80		
15	QPSK	36	20	24.83	24.88	24.80		
15	QPSK	36	39	24.83	24.81	24.78		
15	QPSK	75	0	24.82	24.92	24.81		
15	16QAM	1	0	24.82	24.91	24.79	25.6	0
15	16QAM	1	37	24.75	24.86	24.74		
15	16QAM	1	74	24.82	24.86	24.73		
15	16QAM	36	0	23.78	23.92	23.87		
15	16QAM	36	20	23.74	23.85	23.68	24.6	1
15	16QAM	36	39	23.71	23.73	23.76		
15	16QAM	75	0	23.93	23.93	23.89		
15	64QAM	1	0	23.86	24.03	23.87		
15	64QAM	1	37	23.93	23.97	23.88	24.6	1
15	64QAM	1	74	23.83	23.89	23.71		
15	64QAM	36	0	22.71	22.84	22.75		
15	64QAM	36	20	22.63	22.73	22.67	23.6	2
15	64QAM	36	39	22.55	22.74	22.62		
15	64QAM	75	0	22.91	22.97	22.81		
15	256QAM	1	0	19.87	19.96	19.86		
15	256QAM	1	37	19.75	19.90	19.79	20.6	5
15	256QAM	1	74	19.80	19.94	19.78		
15	256QAM	36	0	19.91	19.92	19.83		
15	256QAM	36	20	19.74	19.80	19.81	20.6	5
15	256QAM	36	39	19.68	19.81	19.67		
15	256QAM	75	0	19.77	19.89	19.83		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	24.85	24.98	24.96	25.6	0
10	QPSK	1	25	24.79	24.78	24.81		
10	QPSK	1	49	24.78	24.81	24.77		
10	QPSK	25	0	24.89	24.96	24.80		
10	QPSK	25	12	24.86	24.94	24.82	25.6	0
10	QPSK	25	25	24.82	24.88	24.80		
10	QPSK	50	0	24.80	24.84	24.77		
10	16QAM	1	0	24.81	24.89	24.80		
10	16QAM	1	25	24.69	24.80	24.78	25.6	0
10	16QAM	1	49	24.80	24.83	24.76		
10	16QAM	25	0	23.73	23.92	23.90		
10	16QAM	25	12	23.80	23.81	23.73	24.6	1
10	16QAM	25	25	23.77	23.74	23.67		
10	16QAM	50	0	23.97	24.01	23.93		
10	64QAM	1	0	23.94	24.02	23.89		
10	64QAM	1	25	23.94	23.96	23.96	24.6	1
10	64QAM	1	49	23.82	23.87	23.79		
10	64QAM	25	0	22.73	22.84	22.75		
10	64QAM	25	12	22.57	22.71	22.72	23.6	2
10	64QAM	25	25	22.54	22.77	22.58		
10	64QAM	50	0	22.88	22.94	22.89		
10	256QAM	1	0	19.85	20.03	19.91		
10	256QAM	1	25	19.75	19.84	19.80	20.6	5
10	256QAM	1	49	19.84	19.94	19.78		
10	256QAM	25	0	19.84	19.95	19.78		
10	256QAM	25	12	19.72	19.82	19.80	20.6	5
10	256QAM	25	25	19.71	19.77	19.77		
10	256QAM	50	0	19.76	19.89	19.74		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	24.85	24.98	24.93	25.6	0
5	QPSK	1	12	24.78	24.77	24.82		
5	QPSK	1	24	24.74	24.92	24.80		
5	QPSK	12	0	24.84	24.98	24.83		
5	QPSK	12	7	24.83	24.98	24.90	25.6	0
5	QPSK	12	13	24.83	24.86	24.71		
5	QPSK	25	0	24.86	24.85	24.74		
5	16QAM	1	0	24.77	24.88	24.79		
5	16QAM	1	12	24.74	24.84	24.76	25.6	0
5	16QAM	1	24	24.85	24.88	24.71		
5	16QAM	12	0	23.80	23.86	23.81		
5	16QAM	12	7	23.75	23.89	23.69	24.6	1
5	16QAM	12	13	23.70	23.81	23.75		
5	16QAM	25	0	23.91	23.92	23.93		
5	64QAM	1	0	23.92	24.05	23.92		
5	64QAM	1	12	23.89	24.02	23.86	24.6	1
5	64QAM	1	24	23.80	23.94	23.77		
5	64QAM	12	0	22.78	22.84	22.74		
5	64QAM	12	7	22.62	22.69	22.63	23.6	2
5	64QAM	12	13	22.58	22.69	22.59		
5	64QAM	25	0	22.93	22.92	22.87		
5	256QAM	1	0	19.86	20.04	19.87		
5	256QAM	1	12	19.79	19.81	19.78	20.6	5
5	256QAM	1	24	19.79	19.90	19.79		
5	256QAM	12	0	19.90	19.99	19.89		
5	256QAM	12	7	19.77	19.85	19.72	20.6	5
5	256QAM	12	13	19.73	19.80	19.71		
5	256QAM	25	0	19.75	19.96	19.81		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	24.93	24.99	24.94	25.6	0
3	QPSK	1	8	24.74	24.82	24.78		
3	QPSK	1	14	24.72	24.82	24.69		
3	QPSK	8	0	24.89	24.91	24.78		
3	QPSK	8	4	24.78	24.88	24.84	25.6	0
3	QPSK	8	7	24.84	24.79	24.78		
3	QPSK	15	0	24.84	24.89	24.77		
3	16QAM	1	0	24.82	24.89	24.81		
3	16QAM	1	8	24.66	24.89	24.69	25.6	0
3	16QAM	1	14	24.75	24.86	24.73		
3	16QAM	8	0	23.82	23.94	23.80		
3	16QAM	8	4	23.72	23.84	23.76	24.6	1
3	16QAM	8	7	23.76	23.76	23.67		
3	16QAM	15	0	23.93	23.95	23.92		
3	64QAM	1	0	23.85	24.01	23.88		
3	64QAM	1	8	23.96	23.95	23.89	24.6	1
3	64QAM	1	14	23.90	23.97	23.73		
3	64QAM	8	0	22.75	22.80	22.76		
3	64QAM	8	4	22.60	22.70	22.64	23.6	2
3	64QAM	8	7	22.55	22.75	22.59		
3	64QAM	15	0	22.87	22.96	22.85		
3	256QAM	1	0	19.85	19.97	19.89		
3	256QAM	1	8	19.73	19.88	19.84	20.6	5
3	256QAM	1	14	19.85	19.90	19.88		
3	256QAM	8	0	19.90	19.94	19.87		
3	256QAM	8	4	19.71	19.85	19.72	20.6	5
3	256QAM	8	7	19.71	19.84	19.71		
3	256QAM	15	0	19.78	19.86	19.80		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	24.84	24.97	24.96	25.6	0
1.4	QPSK	1	3	24.71	24.76	24.82		
1.4	QPSK	1	5	24.80	24.89	24.71		
1.4	QPSK	3	0	24.93	24.95	24.86		
1.4	QPSK	3	1	24.80	24.96	24.87		
1.4	QPSK	3	3	24.74	24.84	24.71		
1.4	QPSK	6	0	24.77	24.92	24.79	25.6	0
1.4	16QAM	1	0	24.82	24.96	24.89	25.6	0
1.4	16QAM	1	3	24.68	24.81	24.73		
1.4	16QAM	1	5	24.76	24.81	24.80		
1.4	16QAM	3	0	24.78	24.91	24.91		
1.4	16QAM	3	1	24.71	24.88	24.66		
1.4	16QAM	3	3	24.73	24.77	24.70		
1.4	16QAM	6	0	23.91	24.02	23.87	24.6	1
1.4	64QAM	1	0	23.83	24.07	23.90	24.6	1
1.4	64QAM	1	3	23.98	24.01	23.87		
1.4	64QAM	1	5	23.83	23.87	23.83		
1.4	64QAM	3	0	23.70	23.88	23.67		
1.4	64QAM	3	1	23.63	23.76	23.69		
1.4	64QAM	3	3	23.62	23.74	23.57		
1.4	64QAM	6	0	22.89	22.90	22.88	23.6	2
1.4	256QAM	1	0	19.88	20.03	19.91	20.6	5
1.4	256QAM	1	3	19.78	19.85	19.87		
1.4	256QAM	1	5	19.90	19.95	19.84		
1.4	256QAM	3	0	19.84	19.94	19.87		
1.4	256QAM	3	1	19.74	19.86	19.79		
1.4	256QAM	3	3	19.78	19.83	19.69		
1.4	256QAM	6	0	19.79	19.94	19.82	20.6	5

Band 4 Ant3 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	24.84	25.01	24.95	25.5	0
20	QPSK	1	49	24.73	24.86	24.82		
20	QPSK	1	99	24.78	24.92	24.86		
20	QPSK	50	0	24.92	24.96	24.86		
20	QPSK	50	24	24.77	24.92	24.88	25.5	0
20	QPSK	50	50	24.82	24.87	24.76		
20	QPSK	100	0	24.92	24.99	24.90		
20	16QAM	1	0	24.93	25.00	24.88		
20	16QAM	1	49	24.76	24.87	24.84	25.5	0
20	16QAM	1	99	24.76	24.91	24.78		
20	16QAM	50	0	23.83	23.99	23.83		
20	16QAM	50	24	23.70	23.84	23.74	24.5	1
20	16QAM	50	50	23.74	23.81	23.70		
20	16QAM	100	0	23.92	23.98	23.95		
20	64QAM	1	0	23.92	24.04	23.95		
20	64QAM	1	49	23.84	23.96	23.81	24.5	1
20	64QAM	1	99	23.91	24.00	23.92		
20	64QAM	50	0	22.70	22.84	22.74		
20	64QAM	50	24	22.69	22.79	22.66	23.5	2
20	64QAM	50	50	22.76	22.79	22.75		
20	64QAM	100	0	22.86	22.95	22.90		
20	256QAM	1	0	19.79	19.90	19.77		
20	256QAM	1	49	19.65	19.78	19.69	20.5	5
20	256QAM	1	99	19.76	19.83	19.79		
20	256QAM	50	0	19.71	19.85	19.74		
20	256QAM	50	24	19.65	19.77	19.68	20.5	5
20	256QAM	50	50	19.65	19.76	19.65		
20	256QAM	100	0	19.88	20.01	19.94		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	24.77	24.93	24.83	25.5	0
15	QPSK	1	37	24.62	24.75	24.68		
15	QPSK	1	74	24.68	24.86	24.79		
15	QPSK	36	0	24.82	24.87	24.73		
15	QPSK	36	20	24.65	24.84	24.73	25.5	0
15	QPSK	36	39	24.70	24.79	24.65		
15	QPSK	75	0	24.86	24.84	24.86		
15	16QAM	1	0	24.88	24.94	24.84		
15	16QAM	1	37	24.69	24.75	24.71	25.5	0
15	16QAM	1	74	24.66	24.77	24.74		
15	16QAM	36	0	23.71	23.86	23.71		
15	16QAM	36	20	23.57	23.76	23.62	24.5	1
15	16QAM	36	39	23.65	23.67	23.63		
15	16QAM	75	0	23.79	23.89	23.92		
15	64QAM	1	0	23.85	23.91	23.80		
15	64QAM	1	37	23.70	23.86	23.67	24.5	1
15	64QAM	1	74	23.83	23.86	23.85		
15	64QAM	36	0	22.61	22.76	22.66		
15	64QAM	36	20	22.62	22.59	22.55	23.5	2
15	64QAM	36	39	22.63	22.67	22.64		
15	64QAM	75	0	22.75	22.82	22.80		
15	256QAM	1	0	19.71	19.79	19.66		
15	256QAM	1	37	19.52	19.65	19.65	20.5	5
15	256QAM	1	74	19.64	19.80	19.73		
15	256QAM	36	0	19.57	19.82	19.67		
15	256QAM	36	20	19.53	19.73	19.63	20.5	5
15	256QAM	36	39	19.61	19.64	19.59		
15	256QAM	75	0	19.76	19.89	19.83		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	24.73	24.91	24.91	25.5	0
10	QPSK	1	25	24.64	24.82	24.67		
10	QPSK	1	49	24.69	24.80	24.74		
10	QPSK	25	0	24.82	24.91	24.81		
10	QPSK	25	12	24.73	24.83	24.83	25.5	0
10	QPSK	25	25	24.73	24.72	24.65		
10	QPSK	50	0	24.83	24.85	24.84		
10	16QAM	1	0	24.79	24.95	24.73		
10	16QAM	1	25	24.71	24.79	24.70	25.5	0
10	16QAM	1	49	24.63	24.84	24.64		
10	16QAM	25	0	23.73	23.77	23.78		
10	16QAM	25	12	23.65	23.74	23.68	24.5	1
10	16QAM	25	25	23.69	23.66	23.56		
10	16QAM	50	0	23.82	23.88	23.86		
10	64QAM	1	0	23.83	23.99	23.81		
10	64QAM	1	25	23.80	23.90	23.74	24.5	1
10	64QAM	1	49	23.67	23.88	23.80		
10	64QAM	25	0	22.55	22.72	22.62		
10	64QAM	25	12	22.58	22.69	22.57	23.5	2
10	64QAM	25	25	22.73	22.65	22.66		
10	64QAM	50	0	22.80	22.88	22.77		
10	256QAM	1	0	19.75	19.86	19.68		
10	256QAM	1	25	19.60	19.63	19.58	20.5	5
10	256QAM	1	49	19.71	19.71	19.66		
10	256QAM	25	0	19.66	19.79	19.63		
10	256QAM	25	12	19.57	19.70	19.55	20.5	5
10	256QAM	25	25	19.53	19.65	19.50		
10	256QAM	50	0	19.75	19.96	19.80		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	24.72	24.87	24.89	25.5	0
5	QPSK	1	12	24.62	24.83	24.73		
5	QPSK	1	24	24.69	24.85	24.80		
5	QPSK	12	0	24.89	24.82	24.77		
5	QPSK	12	7	24.73	24.78	24.77	25.5	0
5	QPSK	12	13	24.74	24.81	24.72		
5	QPSK	25	0	24.87	24.85	24.82		
5	16QAM	1	0	24.84	24.88	24.79		
5	16QAM	1	12	24.63	24.77	24.71	25.5	0
5	16QAM	1	24	24.70	24.83	24.65		
5	16QAM	12	0	23.69	23.76	23.78		
5	16QAM	12	7	23.58	23.81	23.66	24.5	1
5	16QAM	12	13	23.67	23.70	23.57		
5	16QAM	25	0	23.82	23.90	23.81		
5	64QAM	1	0	23.77	23.93	23.90		
5	64QAM	1	12	23.72	23.91	23.67	24.5	1
5	64QAM	1	24	23.76	23.86	23.79		
5	64QAM	12	0	22.58	22.81	22.67		
5	64QAM	12	7	22.61	22.63	22.54	23.5	2
5	64QAM	12	13	22.65	22.71	22.62		
5	64QAM	25	0	22.72	22.83	22.85		
5	256QAM	1	0	19.66	19.83	19.67		
5	256QAM	1	12	19.56	19.64	19.64	20.5	5
5	256QAM	1	24	19.62	19.72	19.74		
5	256QAM	12	0	19.62	19.81	19.65		
5	256QAM	12	7	19.60	19.67	19.63	20.5	5
5	256QAM	12	13	19.54	19.68	19.59		
5	256QAM	25	0	19.76	19.90	19.87		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	24.75	24.95	24.90	25.5	0
3	QPSK	1	8	24.62	24.74	24.70		
3	QPSK	1	14	24.71	24.80	24.77		
3	QPSK	8	0	24.78	24.91	24.74		
3	QPSK	8	4	24.73	24.80	24.84	25.5	0
3	QPSK	8	7	24.77	24.81	24.62		
3	QPSK	15	0	24.77	24.92	24.79		
3	16QAM	1	0	24.86	24.87	24.73		
3	16QAM	1	8	24.64	24.74	24.73	25.5	0
3	16QAM	1	14	24.63	24.79	24.67		
3	16QAM	8	0	23.73	23.76	23.68		
3	16QAM	8	4	23.62	23.73	23.69	24.5	1
3	16QAM	8	7	23.68	23.68	23.55		
3	16QAM	15	0	23.88	23.91	23.84		
3	64QAM	1	0	23.87	23.98	23.87		
3	64QAM	1	8	23.79	23.92	23.78	24.5	1
3	64QAM	1	14	23.88	23.86	23.87		
3	64QAM	8	0	22.62	22.69	22.67		
3	64QAM	8	4	22.58	22.62	22.57	23.5	2
3	64QAM	8	7	22.65	22.75	22.69		
3	64QAM	15	0	22.83	22.90	22.75		
3	256QAM	1	0	19.69	19.75	19.70		
3	256QAM	1	8	19.61	19.65	19.62	20.5	5
3	256QAM	1	14	19.67	19.71	19.74		
3	256QAM	8	0	19.63	19.71	19.64		
3	256QAM	8	4	19.58	19.69	19.64	20.5	5
3	256QAM	8	7	19.57	19.65	19.58		
3	256QAM	15	0	19.84	19.94	19.80		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	24.71	24.92	24.81	25.5	0
1.4	QPSK	1	3	24.62	24.72	24.71		
1.4	QPSK	1	5	24.71	24.88	24.75		
1.4	QPSK	3	0	24.80	24.93	24.78		
1.4	QPSK	3	1	24.67	24.82	24.79		
1.4	QPSK	3	3	24.77	24.79	24.67		
1.4	QPSK	6	0	24.80	24.85	24.83	25.5	0
1.4	16QAM	1	0	24.83	24.96	24.78	25.5	0
1.4	16QAM	1	3	24.70	24.79	24.71		
1.4	16QAM	1	5	24.65	24.83	24.70		
1.4	16QAM	3	0	24.77	24.80	24.76		
1.4	16QAM	3	1	24.57	24.72	24.60		
1.4	16QAM	3	3	24.61	24.78	24.67		
1.4	16QAM	6	0	23.81	23.93	23.86	24.5	1
1.4	64QAM	1	0	23.81	23.96	23.89	24.5	1
1.4	64QAM	1	3	23.76	23.91	23.69		
1.4	64QAM	1	5	23.83	23.92	23.79		
1.4	64QAM	3	0	23.61	23.75	23.63		
1.4	64QAM	3	1	23.64	23.69	23.58		
1.4	64QAM	3	3	23.64	23.73	23.71		
1.4	64QAM	6	0	22.80	22.89	22.79	23.5	2
1.4	256QAM	1	0	19.75	19.81	19.70	20.5	5
1.4	256QAM	1	3	19.60	19.64	19.66		
1.4	256QAM	1	5	19.65	19.79	19.73		
1.4	256QAM	3	0	19.65	19.80	19.64		
1.4	256QAM	3	1	19.56	19.64	19.65		
1.4	256QAM	3	3	19.52	19.64	19.60		
1.4	256QAM	6	0	19.78	19.90	19.81	20.5	5

Band 7 Ant3 Default

BW [MHz]	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	25.14	25.28	25.26	25.7	0
20	QPSK	1	49	24.99	25.12	24.99		
20	QPSK	1	99	24.95	25.07	25.00		
20	QPSK	50	0	25.12	25.25	25.21		
20	QPSK	50	24	25.03	25.13	25.08	25.7	0
20	QPSK	50	50	24.94	25.06	24.93		
20	QPSK	100	0	24.99	25.09	25.04		
20	16QAM	1	0	25.10	25.22	25.09		
20	16QAM	1	49	25.05	25.13	25.03	25.7	0
20	16QAM	1	99	25.01

Band 25 Ant3 Default

BW [MHz]	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	25.07	25.12	24.92	25.6	0
20	QPSK	1	49	25.01	25.05	24.92		
20	QPSK	1	99	24.87	24.97	24.90		
20	QPSK	50	0	25.00	25.10	25.06	25.6	0
20	QPSK	50	24	25.01	25.08	25.04		
20	QPSK	50	50	24.85	24.96	24.93		
20	QPSK	100	0	24.99	25.08	24.95		
20	16QAM	1	0	25.06	25.10	25.05	25.6	0
20	16QAM	1	49	24.89	25.01	24.95		
20	16QAM	1	99	24.81	24.95	24.83		
20	16QAM	50	0	23.90	24.04	23.94	24.6	1
20	16QAM	50	24	23.86	23.92	23.77		
20	16QAM	50	50	23.90	23.98	23.92		
20	16QAM	100	0	24.10	24.14	24.04		
20	64QAM	1	0	23.99	24.05	23.91	24.6	1
20	64QAM	1	49	23.92	23.98	23.89		
20	64QAM	1	99	23.81	23.93	23.89		
20	64QAM	50	0	23.00	23.06	22.99	23.6	2
20	64QAM	50	24	22.83	22.95	22.91		
20	64QAM	50	50	22.88	22.95	22.92		
20	64QAM	100	0	23.10	23.16	23.13		
20	256QAM	1	0	19.91	20.06	19.93	20.6	5
20	256QAM	1	49	19.83	19.95	19.82		
20	256QAM	1	99	19.89	19.97	19.84		
20	256QAM	50	0	19.96	20.07	20.02	20.6	5
20	256QAM	50	24	19.94	19.99	19.87		
20	256QAM	50	50	19.89	19.96	19.84		
20	256QAM	100	0	20.01	20.11	19.99		
3	Channel			26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1857.5	1880	1907.5		
15	QPSK	1	0	24.99	24.99	24.81	25.6	0
15	QPSK	1	37	24.92	24.98	24.83		
15	QPSK	1	74	24.82	24.90	24.80		
15	QPSK	36	0	24.93	24.97	25.02	25.6	0
15	QPSK	36	20	24.95	25.05	24.96		
15	QPSK	36	39	24.75	24.92	24.84		
15	QPSK	75	0	24.91	25.03	24.82		
15	16QAM	1	0	24.96	25.02	24.96	25.6	0
15	16QAM	1	37	24.81	24.89	24.81		
15	16QAM	1	74	24.72	24.82	24.73		
15	16QAM	36	0	23.85	24.00	23.87	24.6	1
15	16QAM	36	20	23.82	23.81	23.67		
15	16QAM	36	39	23.80	23.87	23.89		
15	16QAM	75	0	24.00	24.07	24.00		
15	64QAM	1	0	23.95	23.96	23.78	24.6	1
15	64QAM	1	37	23.85	23.84	23.75		
15	64QAM	1	74	23.69	23.90	23.75		
15	64QAM	36	0	22.90	22.92	22.89	23.6	2
15	64QAM	36	20	22.72	22.82	22.83		
15	64QAM	36	39	22.76	22.85	22.88		
15	64QAM	75	0	22.97	23.06	23.01		
15	256QAM	1	0	19.80	20.01	19.80	20.6	5
15	256QAM	1	37	19.72	19.89	19.77		
15	256QAM	1	74	19.79	19.93	19.78		
15	256QAM	36	0	19.87	19.92	19.99	20.6	5
15	256QAM	36	20	19.82	19.94	19.76		
15	256QAM	36	39	19.80	19.93	19.70		
15	256QAM	75	0	19.91	19.97	19.89		
5	Channel			26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1855	1880	1910		
10	QPSK	1	0	25.01	25.01	24.89	25.6	0
10	QPSK	1	25	24.90	24.92	24.83		
10	QPSK	1	49	24.83	24.90	24.86		
10	QPSK	25	0	24.91	25.01	24.95	25.6	0
10	QPSK	25	12	24.91	25.04	24.96		
10	QPSK	25	25	24.76	24.92	24.85		
10	QPSK	50	0	24.86	25.00	24.89		
10	16QAM	1	0	24.94	24.96	24.95	25.6	0
10	16QAM	1	25	24.77	24.95	24.86		
10	16QAM	1	49	24.69	24.88	24.77		
10	16QAM	25	0	23.77	23.95	23.90	24.6	1
10	16QAM	25	12	23.75	23.86	23.66		
10	16QAM	25	25	23.85	23.91	23.85		
10	16QAM	50	0	23.97	24.03	23.98		
10	64QAM	1	0	23.90	24.00	23.85	24.6	1
10	64QAM	1	25	23.85	23.87	23.75		
10	64QAM	1	49	23.77	23.85	23.75		
10	64QAM	25	0	22.87	22.97	22.92	23.6	2
10	64QAM	25	12	22.69	22.80	22.81		
10	64QAM	25	25	22.74	22.83	22.79		
10	64QAM	50	0	23.03	23.10	23.06		
10	256QAM	1	0	19.87	19.92	19.82	20.6	5
10	256QAM	1	25	19.73	19.88	19.73		
10	256QAM	1	49	19.81	19.87	19.71		
10	256QAM	25	0	19.84	20.03	19.91	20.6	5
10	256QAM	25	12	19.83	19.91	19.76		
10	256QAM	25	25	19.84	19.90	19.69		
10	256QAM	50	0	19.93	20.07	19.93		
5	Channel			26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1852.5	1880	1912.5		
5	QPSK	1	0	24.97	25.09	24.81	25.6	0
5	QPSK	1	12	24.92	24.92	24.78		
5	QPSK	1	24	24.76	24.85	24.78		
5	QPSK	12	0	24.97	25.05	25.02	25.6	0
5	QPSK	12	7	24.90	24.99	24.93		
5	QPSK	12	13	24.72	24.91	24.83		
5	QPSK	25	0	24.95	24.93	24.91		
5	16QAM	1	0	24.97	25.06	24.90	25.6	0
5	16QAM	1	12	24.75	24.97	24.91		
5	16QAM	1	24	24.67	24.82	24.78		
5	16QAM	12	0	23.83	23.90	23.80	24.6	1
5	16QAM	12	7	23.81	23.79	23.66		
5	16QAM	12	13	23.78	23.89	23.85		
5	16QAM	25	0	24.03	24.03	23.90		
5	64QAM	1	0	23.90	24.00	23.85	24.6	1
5	64QAM	1	12	23.80	23.85	23.82		
5	64QAM	1	24	23.76	23.90	23.81		
5	64QAM	12	0	22.96	22.93	22.94	23.6	2
5	64QAM	12	7	22.70	22.88	22.81		
5	64QAM	12	13	22.76	22.90	22.81		
5	64QAM	25	0	23.05	23.11	23.04		
5	256QAM	1	0	19.83	19.96	19.87	20.6	5
5	256QAM	1	12	19.79	19.84	19.69		
5	256QAM	1	24	19.75	19.87	19.78		
5	256QAM	12	0	19.92	19.99	19.93	20.6	5
5	256QAM	12	7	19.82	19.89	19.81		
5	256QAM	12	13	19.79	19.82	19.71		
5	256QAM	25	0	19.87	20.01	19.86		
3	Channel			26065	26340	26675	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1851.5	1880	1913.5		
3	QPSK	1	0	24.98	25.01	24.79	25.6	0
3	QPSK	1	8	24.96	24.91	24.89		
3	QPSK	1	14	24.73	24.84	24.84		
3	QPSK	8	0	24.86	25.00	25.02	25.6	0
3	QPSK	8	4	24.88	25.02	24.94		
3	QPSK	8	7	24.76	24.88	24.79		
3	QPSK	15	0	24.87	24.94	24.91		
3	16QAM	1	0	24.94	24.97	24.91	25.6	0
3	16QAM	1	8	24.85	24.91	24.83		
3	16QAM	1	14	24.70	24.81	24.71		
3	16QAM	8	0	23.85	23.98	23.89	24.6	1
3	16QAM	8	4	23.82	23.81	23.72		
3	16QAM	8	7	23.81	23.83	23.79		
3	16QAM	15	0	23.99	24.07	23.97		
3	64QAM	1	0	23.84	23.95	23.76	24.6	1
3	64QAM	1	8	23.79	23.90	23.80		
3	64QAM	1	14	23.74	23.80	23.85		
3	64QAM	8	0	22.89	22.93	22.87	23.6	2
3	64QAM	8	4	22.75	22.87	22.84		
3	64QAM	8	7	22.81	22.80	22.79		
3	64QAM	15	0	23.05	23.09	23.02		
3	256QAM	1	0	19.80	20.02	19.88	20.6	5
3	256QAM	1	8	19.74	19.89	19.76		
3	256QAM	1	14	19.79	19.94	19.73		
3	256QAM	8	0	19.81	19.94	19.90	20.6	5
3	256QAM	8	4	19.86	19.89	19.79		
3	256QAM	8	7	19.81	19.91	19.70		
3	256QAM	15	0	19.96	20.00	19.91		
1.4	Channel			26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1850.7	1880	1914.3		
1.4	QPSK	1	0	25.02	24.97	24.83	25.6	0
1.4	QPSK	1	3	24.90	24.92	24.85		
1.4	QPSK	1	5	24.73	24.91	24.81		
1.4	QPSK	3	0	24.89	25.04	25.01		
1.4	QPSK	3	1	24.92	25.05	24.93		
1.4	QPSK	3	3	24.77	24.83	24.86		
1.4	QPSK	6	0	24.84	25.03	24.84	25.6	0
1.4	16QAM	1	0	25.01	25.01	24.99	25.6	0
1.4	16QAM	1	3	24.84	24.89	24.80		
1.4	16QAM	1	5	24.72	24.89	24.80		
1.4	16QAM	3	0	24.75	24.98	24.87		
1.4	16QAM	3	1	24.79	24.79	24.70		
1.4	16QAM	3	3	24.78	24.88	24.86		
1.4	16QAM	6	0	24.00	24.07	23.92	24.6	1
1.4	64QAM	1	0	23.91	24.02	23.81	24.6	1
1.4	64QAM	1	3	23.84	23.84	23.77		
1.4	64QAM	1	5	23.67	23.87	23.85		
1.4	64QAM	3	0	23.91	23.96	23.94		
1.4	64QAM	3	1	23.73	23.91	23.78		
1.4	64QAM	3	3	23.82	23.85	23.78		
1.4	64QAM	6	0	22.95	23.07	23.03	23.6	2
1.4	256QAM	1	0	19.80	20.02	19.86	20.6	5
1.4	256QAM	1	3	19.74	19.89	19.78		
1.4	256QAM	1	5	19.74	19.89	19.78		
1.4	256QAM	3	0	19.82	20.04	19.94		
1.4	256QAM	3	1	19.83	19.95	19.72		
1.4	256QAM	3	3	19.84	19.88	19.70		
1.4	256QAM	6	0	19.87	20.08	19.85	20.6	5

Band 66 Ant3 Default

BW [MHz]	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	24.31	24.33	24.20	24.9	0
20	QPSK	1	49	24.08	24.18	24.10		
20	QPSK	1	99	24.18	24.22	24.08		
20	QPSK	50	0	24.25	24.31	24.27	24.9	0
20	QPSK	50	24	24.20	24.25	24.17		
20	QPSK	50	50	24.12	24.21	24.12		
20	QPSK	100	0	24.10	24.18	24.09		
20	16QAM	1	0	24.17	24.30	24.19	24.9	0
20	16QAM	1	49	24.09	24.21	24.07		
20	16QAM	1	99	24.16	24.22	24.14		
20	16QAM	50	0	23.13	23.26	23.21	23.9	1
20	16QAM	50	24	23.04	23.18	23.13		
20	16QAM	50	50	23.09	23.21	23.09		
20	16QAM	100	0	23.05	23.15	23.08		
20	64QAM	1	0	23.17	23.31	23.25	23.9	1
20	64QAM	1	49	23.14	23.22	23.14		
20	64QAM	1	99	23.15	23.25	23.12		
20	64QAM	50	0	22.08	22.22	22.12	22.9	2
20	64QAM	50	24	22.11	22.16	22.10		
20	64QAM	50	50	22.05	22.15	22.12		
20	64QAM	100	0	22.13	22.17	22.09		
20	256QAM	1	0	19.24	19.34	19.23	19.9	5
20	256QAM	1	49	19.13	19.20	19.06		
20	256QAM	1	99	19.08	19.20	19.11		
20	256QAM	50	0	19.11	19.22	19.09	19.9	5
20	256QAM	50	24	19.07	19.17	19.06		
20	256QAM	50	50	19.07	19.12	18.98		
20	256QAM	100	0	19.15	19.26	19.18		
3	Channel			132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1717.5	1745	1772.5		
15	QPSK	1	0	24.20	24.20	24.09	24.9	0
15	QPSK	1	37	23.98	24.13	24.05		
15	QPSK	1	74	24.11	24.18	23.99		
15	QPSK	36	0	24.16	24.19	24.17	24.9	0
15	QPSK	36	20	24.08	24.19	24.06		
15	QPSK	36	39	24.05	24.14	24.00		
15	QPSK	75	0	24.01	24.07	24.02		
15	16QAM	1	0	24.11	24.25	24.13	24.9	0
15	16QAM	1	37	24.03	24.09	23.97		
15	16QAM	1	74	24.02	24.13	24.01		
15	16QAM	36	0	23.09	23.19	23.07	23.9	1
15	16QAM	36	20	23.00	23.06	23.05		
15	16QAM	36	39	23.04	23.12	23.03		
15	16QAM	75	0	22.98	23.05	22.97		
15	64QAM	1	0	23.03	23.17	23.10	23.9	1
15	64QAM	1	37	23.05	23.12	23.05		
15	64QAM	1	74	23.10	23.15	23.00		
15	64QAM	36	0	22.00	22.12	22.03	22.9	2
15	64QAM	36	20	22.01	22.13	22.00		
15	64QAM	36	39	21.96	22.12	22.02		
15	64QAM	75	0	22.05	22.08	22.00		
15	256QAM	1	0	19.12	19.21	19.13	19.9	5
15	256QAM	1	37	19.01	19.14	18.99		
15	256QAM	1	74	18.94	19.15	18.99		
15	256QAM	36	0	19.02	19.15	18.94	19.9	5
15	256QAM	36	20	18.96	19.12	18.96		
15	256QAM	36	39	19.02	19.10	18.86		
15	256QAM	75	0	19.09	19.16	19.14		
5	Channel			132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1715	1745	1775		
10	QPSK	1	0	24.26	24.20	24.09	24.9	0
10	QPSK	1	25	24.02	24.09	24.02		
10	QPSK	1	49	24.07	24.09	24.00		
10	QPSK	25	0	24.13	24.19	24.23	24.9	0
10	QPSK	25	12	24.07	24.16	24.03		
10	QPSK	25	25	24.06	24.07	24.00		
10	QPSK	50	0	23.98	24.04	24.04		
10	16QAM	1	0	24.12	24.19	24.09	24.9	0
10	16QAM	1	25	24.02	24.14	23.93		
10	16QAM	1	49	24.07	24.10	24.01		
10	16QAM	25	0	23.06	23.22	23.16	23.9	1
10	16QAM	25	12	22.89	23.10	23.03		
10	16QAM	25	25	23.02	23.17	23.03		
10	16QAM	50	0	22.92	23.04	23.00		
10	64QAM	1	0	23.04	23.17	23.17	23.9	1
10	64QAM	1	25	23.01	23.17	23.08		
10	64QAM	1	49	23.00	23.13	23.01		
10	64QAM	25	0	21.98	22.15	22.09	22.9	2
10	64QAM	25	12	22.07	22.05	22.03		
10	64QAM	25	25	21.96	22.05	22.04		
10	64QAM	50	0	22.06	22.11	21.96		
10	256QAM	1	0	19.15	19.19	19.12	19.9	5
10	256QAM	1	25	19.05	19.06	18.98		
10	256QAM	1	49	18.95	19.12	18.96		
10	256QAM	25	0	18.96	19.17	19.01	19.9	5
10	256QAM	25	12	19.02	19.05	18.94		
10	256QAM	25	25	18.94	19.02	18.85		
10	256QAM	50	0	19.10	19.21	19.06		
5	Channel			131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1712.5	1745	1777.5		
5	QPSK	1	0	24.25	24.18	24.09	24.9	0
5	QPSK	1	12	24.01	24.07	23.99		
5	QPSK	1	24	24.12	24.13	24.04		
5	QPSK	12	0	24.20	24.23	24.21	24.9	0
5	QPSK	12	7	24.15	24.20	24.03		
5	QPSK	12	13	23.98	24.13	24.09		
5	QPSK	25	0	24.05	24.12	24.02		
5	16QAM	1	0	24.13	24.22	24.11	24.9	0
5	16QAM	1	12	24.04	24.14	23.95		
5	16QAM	1	24	24.11	24.10	24.02		
5	16QAM	12	0	23.00	23.17	23.08	23.9	1
5	16QAM	12	7	22.94	23.12	23.06		
5	16QAM	12	13	23.03	23.08	22.99		
5	16QAM	25	0	22.96	23.00	22.99		
5	64QAM	1	0	23.08	23.21	23.20	23.9	1
5	64QAM	1	12	23.04	23.11	23.09		
5	64QAM	1	24	23.05	23.13	23.07		
5	64QAM	12	0	21.94	22.16	22.04	22.9	2
5	64QAM	12	7	22.07	22.03	22.07		
5	64QAM	12	13	22.00	22.04	22.09		
5	64QAM	25	0	22.09	22.09	22.02		
5	256QAM	1	0	19.13	19.24	19.16	19.9	5
5	256QAM	1	12	19.10	19.16	18.96		
5	256QAM	1	24	19.01	19.05	18.99		
5	256QAM	12	0	19.05	19.09	18.96	19.9	5
5	256QAM	12	7	18.96	19.06	19.02		
5	256QAM	12	13	18.95	18.98	18.88		
5	256QAM	25	0	19.08	19.20	19.05		
3	Channel			131982	132322	132662	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1711.5	1745	1778.5		
3	QPSK	1	0	24.26	24.25	24.16	24.9	0
3	QPSK	1	8	23.99	24.11	24.02		
3	QPSK	1	14	24.15	24.08	24.02		
3	QPSK	8	0	24.14	24.23	24.19	24.9	0
3	QPSK	8	4	24.13	24.14	24.05		
3	QPSK	8	7	24.00	24.15	23.98		
3	QPSK	15	0	24.06	24.13	23.99		
3	16QAM	1	0	24.11	24.20	24.07	24.9	0
3	16QAM	1	8	24.06	24.08	24.04		
3	16QAM	1	14	24.06	24.16	24.10		
3	16QAM	8	0	23.03	23.12	23.09	23.9	1
3	16QAM	8	4	23.00	23.10	23.02		
3	16QAM	8	7	22.95	23.11	22.97		
3	16QAM	15	0	22.98	23.02	22.96		
3	64QAM	1	0	23.06	23.28	23.19	23.9	1
3	64QAM	1	8	23.00	23.12	23.04		
3	64QAM	1	14	23.06	23.10	23.03		
3	64QAM	8	0	22.04	22.08	22.00	22.9	2
3	64QAM	8	4	22.07	22.10	22.01		
3	64QAM	8	7	21.99	22.05	22.08		
3	64QAM	15	0	21.98	22.02	22.01		
3	256QAM	1	0	19.21	19.27	19.15	19.9	5
3	256QAM	1	8	19.08	19.12	19.03		
3	256QAM	1	14	18.97	19.16	19.05		
3	256QAM	8	0	19.08	19.11	18.95	19.9	5
3	256QAM	8	4	18.95	19.10	18.98		
3	256QAM	8	7	18.97	18.98	18.88		
3	256QAM	15	0	19.10	19.14	19.08		
1.4	Channel			131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1710.7	1745	1779.3		
1.4	QPSK	1	0	24.19	24.23	24.05	24.9	0
1.4	QPSK	1	3	23.96	24.04	24.05		
1.4	QPSK	1	5	24.04	24.07	24.05		
1.4	QPSK	3	0	24.10	24.24	24.20		
1.4	QPSK	3	1	24.13	24.11	24.03		
1.4	QPSK	3	3	24.04	24.10	24.02		
1.4	QPSK	6	0	24.05	24.13	23.95	24.9	0
1.4	16QAM	1	0	24.12	24.22	24.06	24.9	0
1.4	16QAM	1	3	24.06	24.16	23.96		
1.4	16QAM	1	5	24.12	24.19	24.10		
1.4	16QAM	3	0	24.06	24.16	24.09		
1.4	16QAM	3	1	23.95	24.07	24.09		
1.4	16QAM	3	3	24.03	24.08	24.03		
1.4	16QAM	6	0	23.00	23.01	22.98	23.9	1
1.4	64QAM	1	0	23.07	23.17	23.21	23.9	1
1.4	64QAM	1	3	23.10	23.09	23.03		
1.4	64QAM	1	5	23.03	23.16	23.03		
1.4	64QAM	3	0	23.04	23.11	23.01		
1.4	64QAM	3	1	23.02	23.07	23.06		
1.4	64QAM	3	3	23.01	23.00	23.08		
1.4	64QAM	6	0	22.02	22.12	21.98	22.9	2
1.4	256QAM	1	0	19.18	19.28	19.14	19.9	5
1.4	256QAM	1	3	19.07	19.11	18.98		
1.4	256QAM	1	5	19.01	19.07	19.01		
1.4	256QAM	3	0	19.01	19.08	18.97		
1.4	256QAM	3	1	18.97	19.13	18.95		
1.4	256QAM	3	3	18.99	19.01	18.83		
1.4	256QAM	6	0	19.12	19.12	19.10	19.9	5

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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 Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150			
Frequency (MHz)				2560	2580	2610			
20	QPSK	1	0	25.03	25.11	25.00			
20	QPSK	1	49	24.91	24.98	24.91		25.6	0
20	QPSK	1	99	24.57	24.92	24.94			
20	QPSK	50	0	24.99	25.05	24.95			
20	QPSK	50	24	24.97	25.03	24.92		25.6	0
20	QPSK	50	50	24.98	24.99	24.92			
20	QPSK	100	0	24.97	25.06	24.93			
20	16QAM	1	0	24.97	25.04	25.00			
20	16QAM	1	49	24.52	24.58	24.55		25.6	0
20	16QAM	1	99	24.82	24.96	24.85			
20	16QAM	50	0	24.01	24.11	23.97			
20	16QAM	50	24	23.96	24.08	24.02		24.6	1
20	16QAM	50	50	23.91	24.02	23.96			
20	16QAM	100	0	24.06	24.09	23.97			
20	64QAM	1	0	23.95	24.05	24.02			
20	64QAM	1	49	23.87	23.93	23.93		24.6	1
20	64QAM	1	99	23.83	23.94	23.91			
20	64QAM	50	0	23.02	23.14	23.00			
20	64QAM	50	24	22.94	22.99	22.95		23.6	2
20	64QAM	50	50	22.98	23.11	23.07			
20	64QAM	100	0	22.94	23.07	22.93			
20	256QAM	1	0	19.93	20.00	19.91			
20	256QAM	1	49	19.84	19.93	19.81		20.6	5
20	256QAM	1	99	19.89	19.95	19.85			
20	256QAM	50	0	20.01	20.09	19.99			
20	256QAM	50	24	19.88	19.95	19.91		20.6	5
20	256QAM	50	50	19.96	19.99	19.90			
20	256QAM	100	0	20.01	20.06	19.96			
Channel				37925	38000	38175		Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2580	2612.5			
15	QPSK	1	0	24.91	25.00	24.86		25.6	0
15	QPSK	1	37	24.80	24.89	24.77			
15	QPSK	1	74	24.80	24.82	24.69			
15	QPSK	36	0	24.89	24.95	24.82			
15	QPSK	36	20	24.84	24.90	24.78		25.6	0
15	QPSK	36	39	24.73	24.91	24.80			
15	QPSK	75	0	24.77	24.92	24.86			
15	16QAM	1	0	24.90	25.00	24.85			
15	16QAM	1	37	24.79	24.94	24.78		25.6	0
15	16QAM	1	74	24.76	24.88	24.81			
15	16QAM	36	0	23.88	23.97	23.82			
15	16QAM	36	20	23.92	24.00	23.95		24.6	1
15	16QAM	36	39	23.84	23.93	23.84			
15	16QAM	75	0	23.92	23.96	23.88			
15	64QAM	1	0	23.82	23.98	23.89			
15	64QAM	1	37	23.75	23.89	23.72		24.6	1
15	64QAM	1	74	23.79	23.80	23.78			
15	64QAM	36	0	22.89	23.02	22.95			
15	64QAM	36	20	22.87	22.84	22.81		23.6	2
15	64QAM	36	39	22.89	23.05	22.99			
15	64QAM	75	0	22.88	23.03	22.86			
15	256QAM	1	0	19.85	19.90	19.87			
15	256QAM	1	37	19.73	19.82	19.70		20.6	5
15	256QAM	1	74	19.77	19.85	19.80			
15	256QAM	36	0	19.91	19.98	19.88			
15	256QAM	36	20	19.75	19.86	19.85		20.6	5
15	256QAM	36	39	19.75	19.92	19.80			
15	256QAM	75	0	19.88	19.99	19.89			
Channel				37850	38000	38200		Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615			
10	QPSK	1	0	24.98	25.02	24.95		25.6	0
10	QPSK	1	25	24.84	24.87	24.82			
10	QPSK	1	49	24.83	24.88	24.78			
10	QPSK	25	0	24.87	24.91	24.83			
10	QPSK	25	12	24.91	24.89	24.88		25.6	0
10	QPSK	25	25	24.73	24.86	24.80			
10	QPSK	50	0	24.90	24.95	24.87			
10	16QAM	1	0	24.88	24.93	24.88			
10	16QAM	1	25	24.86	24.86	24.74		25.6	0
10	16QAM	1	49	24.70	24.87	24.81			
10	16QAM	25	0	23.89	24.04	23.92			
10	16QAM	25	12	23.86	23.97	23.94		24.6	1
10	16QAM	25	25	23.82	23.93	23.92			
10	16QAM	50	0	23.92	23.97	23.92			
10	64QAM	1	0	23.91	23.98	23.99			
10	64QAM	1	25	23.73	23.82	23.73		24.6	1
10	64QAM	1	49	23.73	23.85	23.81			
10	64QAM	25	0	22.89	23.06	22.89			
10	64QAM	25	12	22.84	22.96	22.93		23.6	2
10	64QAM	25	25	22.92	23.01	23.03			
10	64QAM	50	0	22.79	23.00	22.85			
10	256QAM	1	0	19.83	19.90	19.87			
10	256QAM	1	25	19.76	19.89	19.69		20.6	5
10	256QAM	1	49	19.83	19.86	19.79			
10	256QAM	25	0	19.93	20.00	19.90			
10	256QAM	25	12	19.77	19.91	19.78		20.6	5
10	256QAM	25	25	19.74	19.96	19.75			
10	256QAM	50	0	19.94	20.00	19.87			
Channel				37775	38000	38225		Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2557.5	2595	2617.5			
5	QPSK	1	0	24.98	25.01	24.87		25.6	0
5	QPSK	1	12	24.85	24.93	24.83			
5	QPSK	1	24	24.82	24.80	24.78			
5	QPSK	12	0	24.85	25.00	24.87			
5	QPSK	12	7	24.86	24.94	24.85		25.6	0
5	QPSK	12	13	24.82	24.95	24.88			
5	QPSK	25	0	24.93	24.99	24.90			
5	16QAM	1	0	24.82	24.86	24.77			
5	16QAM	1	12	24.80	24.86	24.74		25.6	0
5	16QAM	1	24	24.68	24.83	24.72			
5	16QAM	12	0	23.94	24.06	23.88			
5	16QAM	12	7	23.92	24.02	23.88		24.6	1
5	16QAM	12	13	23.89	24.02	23.92			
5	16QAM	25	0	24.02	24.04	23.92			
5	64QAM	1	0	23.85	23.93	23.93			
5	64QAM	1	12	23.81	23.80	23.77		24.6	1
5	64QAM	1	24	23.79	23.85	23.82			
5	64QAM	12	0	23.01	23.07	22.90			
5	64QAM	12	7	22.88	22.87	22.89		23.6	2
5	64QAM	12	13	22.93	23.07	23.01			
5	64QAM	25	0	22.85	23.01	22.81			
5	256QAM	1	0	19.85	19.96	19.79			
5	256QAM	1	12	19.80	19.78	19.78		20.6	5
5	256QAM	1	24	19.80	19.91	19.75			
5	256QAM	12	0	19.92	19.97	19.92			
5	256QAM	12	7	19.80	19.85	19.80		20.6	5
5	256QAM	12	13	19.75	19.95	19.82			
5	256QAM	25	0	19.91	20.00	19.82			

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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	25.09	25.07	25.19	25.17	25.14		
20	QPSK	1	49	24.98	25.03	25.06	25.00	24.91	25.6	0
20	QPSK	1	99	24.95	25.09	25.12	25.01	24.99		
20	QPSK	50	0	25.07	25.06	25.16	25.13	25.08		
20	QPSK	50	24	25.04	25.04	25.07	25.00	24.99	25.6	0
20	QPSK	50	50	24.98	25.01	25.09	25.02	25.05		
20	QPSK	100	0	25.05	25.02	25.15	25.09	25.03		
20	16QAM	1	0	24.96	25.06	25.09	25.06	25.00		
20	16QAM	1	49	24.52	24.58	24.69	24.59	24.56	25.6	0
20	16QAM	1	99	24.86	24.94	25.01	24.90	24.93		
20	16QAM	50	0	24.14	24.05	24.19	24.12	24.04		
20	16QAM	50	24	23.94	23.94	24.09	24.05	24.07	24.6	1
20	16QAM	50	50	24.04	24.10	24.15	24.03	24.05		
20	16QAM	100	0	24.06	24.11	24.17	24.02	24.11		
20	64QAM	1	0	24.10	24.12	24.21	24.12	24.16		
20	64QAM	1	49	24.14	24.01	24.16	24.06	24.01	24.6	1
20	64QAM	1	99	23.86	23.96	24.10	24.02	24.02		
20	64QAM	50	0	23.09	23.12	23.18	23.11	23.05		
20	64QAM	50	24	23.06	23.02	23.13	23.08	23.06	23.6	2
20	64QAM	50	50	22.95	23.07	23.11	23.06	23.05		
20	64QAM	100	0	23.03	23.03	23.15	23.02	23.03		
20	256QAM	1	0	19.94	19.94	20.08	19.98	19.92	20.6	5
20	256QAM	1	49	19.89	19.81	19.93	19.88	19.90		
20	256QAM	1	99	19.99	19.79	19.94	19.85	19.93		
20	256QAM	50	0	20.07	20.04	20.14	20.07	20.02		
20	256QAM	50	24	19.99	19.93	20.08	20.02	19.95	20.6	5
20	256QAM	50	50	20.02	19.99	20.10	20.04	20.01		
20	256QAM	100	0	20.00	20.07	20.10	19.95	20.04		
Channel				39725	40185	40620	41055	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2549.5	2593	2636.5	2682.5		
15	QPSK	1	0	24.95	24.97	25.05	25.11	25.03		
15	QPSK	1	37	24.86	24.96	25.03	25.08	25.06	25.60	0
15	QPSK	1	74	24.84	24.97	25.07	24.92	24.87		
15	QPSK	36	0	24.99	24.95	25.02	24.98	24.95		
15	QPSK	36	20	24.97	24.94	25.06	24.92	24.94	25.6	0
15	QPSK	36	39	24.93	24.98	25.03	24.96	25.01		
15	QPSK	75	0	24.92	24.96	25.05	25.05	24.89		
15	16QAM	1	0	24.83	24.96	25.02	24.87	24.88	25.6	0
15	16QAM	1	37	24.97	24.85	24.91	24.79	24.85		
15	16QAM	1	74	24.82	24.86	24.88	24.86	24.78		
15	16QAM	36	0	24.06	23.99	24.08	24.03	23.97		
15	16QAM	36	20	23.82	23.88	23.98	23.91	23.99	24.6	1
15	16QAM	36	39	23.86	24.04	24.06	23.99	23.95		
15	16QAM	75	0	24.02	23.98	24.03	23.91	24.01		
15	64QAM	1	0	23.99	24.08	24.12	23.99	24.01		
15	64QAM	1	37	24.08	23.89	24.09	23.93	23.94	24.6	1
15	64QAM	1	74	23.83	23.92	23.99	23.89	23.92		
15	64QAM	36	0	22.94	23.06	23.12	23.01	23.01		
15	64QAM	36	20	22.94	22.93	23.04	22.96	22.97	23.6	2
15	64QAM	36	39	22.87	23.03	23.06	23.03	22.99		
15	64QAM	75	0	22.98	22.93	23.07	22.95	22.98		
15	256QAM	1	0	19.80	19.88	19.98	19.85	19.90		
15	256QAM	1	37	19.76	19.72	19.85	19.78	19.83	20.6	5
15	256QAM	1	74	19.84	19.72	19.84	19.72	19.86		
15	256QAM	36	0	19.92	19.94	20.06	19.96	19.93		
15	256QAM	36	20	19.85	19.78	20.04	19.96	19.87	20.6	5
15	256QAM	36	39	19.93	19.93	20.05	19.94	19.96		
15	256QAM	75	0	19.85	19.96	20.01	19.84	19.94		
Channel				39700	40185	40620	41090	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2549	2593	2637	2685		
10	QPSK	1	0	25.01	24.93	25.04	25.13	25.06		
10	QPSK	1	25	24.91	24.98	24.97	24.89	24.82	25.60	0
10	QPSK	1	49	24.91	25.03	25.01	24.96	24.95		
10	QPSK	25	0	24.88	25.02	25.03	25.02	24.93		
10	QPSK	25	12	24.94	24.95	24.97	24.86	24.88	25.6	0
10	QPSK	25	25	24.85	24.96	25.03	24.90	25.00		
10	QPSK	50	0	25.00	24.95	25.08	25.05	24.92		
10	16QAM	1	0	24.83	24.94	24.96	24.85	24.95		
10	16QAM	1	25	24.88	24.81	24.89	24.83	24.85	25.6	0
10	16QAM	1	49	24.78	24.81	24.97	24.82	24.87		
10	16QAM	25	0	24.08	23.94	24.06	24.04	23.98		
10	16QAM	25	12	23.90	23.90	23.96	24.00	24.03	24.6	1
10	16QAM	25	25	23.92	24.01	24.11	23.90	24.01		
10	16QAM	50	0	23.98	24.01	24.07	23.96	24.02		
10	64QAM	1	0	24.05	23.98	24.09	24.00	24.06		
10	64QAM	1	25	24.06	23.87	24.02	23.97	23.98	24.6	1
10	64QAM	1	49	23.90	23.86	23.98	23.91	23.91		
10	64QAM	25	0	23.04	23.09	23.09	23.06	22.99		
10	64QAM	25	12	22.93	23.02	23.03	23.02	22.99	23.6	2
10	64QAM	25	25	22.86	23.01	23.01	23.01	22.95		
10	64QAM	50	0	22.94	22.99	23.06	22.97	22.97		
10	256QAM	1	0	19.86	19.81	19.94	19.84	19.92		
10	256QAM	1	25	19.81	19.68	19.84	19.83	19.79	20.6	5
10	256QAM	1	49	19.90	19.84	19.96	19.76	19.87		
10	256QAM	25	0	20.03	19.91	20.08	19.95	19.98		
10	256QAM	25	12	19.87	19.88	19.99	19.90	19.81	20.6	5
10	256QAM	25	25	19.86	19.91	20.07	19.93	19.92		
10	256QAM	50	0	19.90	20.03	20.00	19.85	19.98		
Channel				39675	40148	40625	41103	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2546.8	2595.5	2644.2	2691.5		
5	QPSK	1	0	25.02	25.03	25.08	25.13	25.07		
5	QPSK	1	12	24.85	24.96	24.92	24.85	24.85	25.60	0
5	QPSK	1	24	24.93	24.96	25.03	24.86	24.95		
5	QPSK	12	0	25.01	25.02	25.11	25.02	24.96		
5	QPSK	12	7	24.97	24.89	24.97	24.87	24.93	25.6	0
5	QPSK	12	13	24.91	24.90	24.98	24.93	24.92		
5	QPSK	25	0	24.96	24.97	25.06	25.04	24.94		
5	16QAM	1	0	24.86	24.96	24.98	24.92	24.92		
5	16QAM	1	12	24.88	24.87	24.97	24.84	24.89	25.6	0
5	16QAM	1	24	24.82	24.86	24.93	24.75	24.82		
5	16QAM	12	0	24.04	24.02	24.10	23.98	23.96		
5	16QAM	12	7	23.91	23.86	23.97	23.89	23.94	24.6	1
5	16QAM	12	13	23.89	23.98	24.08	23.98	23.97		
5	16QAM	25	0	23.97	24.04	24.06	23.90	24.00		
5	64QAM	1	0	23.86	23.92	24.01	23.91	24.03		
5	64QAM	1	12	24.01	23.93	24.08	23.97	23.91	24.6	1
5	64QAM	1	24	23.90	23.82	23.96	23.97	23.90		
5	64QAM	12	0	22.97	22.92	23.04	22.97	22.91		
5	64QAM	12	7	22.99	22.87	23.05	23.05	22.94	23.6	2
5	64QAM	12	13	22.81	22.92	22.98	22.92	22.93		
5	64QAM	25	0	23.00	22.92	23.09	22.93	23.00		
5	256QAM	1	0	19.84	19.86	20.01	19.89	19.89		
5	256QAM	1	12	19.82	19.67	19.81	19.75	19.77	20.6	5
5	256QAM	1	24	19.88	19.71	19.90	19.75	19.84		
5	256QAM	12	0	19.92	19.91	20.02	19.94	19.94		
5	256QAM	12	7	19.93	19.84	20.05	19.92	19.84	20.6	5
5	256QAM	12	13	19.91	19.92	19.97	19.90	19.95		
5	256QAM	25	0	19.92	19.97	19.97	19.91	20.01		

Band 42 Ant3 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42590	42890	43190		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	22.49	22.63	22.55		
20	QPSK	1	49	22.39	22.51	22.41	23.8	0
20	QPSK	1	99	22.44	22.57	22.42		
20	QPSK	50	0	22.47	22.53	22.50		
20	QPSK	50	24	22.31	22.43	22.39	23.8	0
20	QPSK	50	50	22.44	22.50	22.41		
20	QPSK	100	0	22.36	22.48	22.44		
20	16QAM	1	0	22.38	22.50	22.39		
20	16QAM	1	49	22.31	22.44	22.29	23.8	0
20	16QAM	1	99	22.32	22.37	22.26		
20	16QAM	50	0	21.63	21.67	21.56		
20	16QAM	50	24	21.43	21.58	21.46	22.8	1
20	16QAM	50	50	21.52	21.63	21.52		
20	16QAM	100	0	21.54	21.64	21.56		
20	64QAM	1	0	21.54	21.69	21.56		
20	64QAM	1	49	21.55	21.64	21.57	22.8	1
20	64QAM	1	99	21.52	21.63	21.51		
20	64QAM	50	0	20.58	20.63	20.58		
20	64QAM	50	24	20.36	20.49	20.38	21.8	2
20	64QAM	50	50	20.37	20.50	20.36		
20	64QAM	100	0	20.55	20.60	20.48		
20	256QAM	1	0	17.30	17.48	17.41		
20	256QAM	1	49	17.30	17.43	17.33	18.8	5
20	256QAM	1	99	17.37	17.42	17.33		
20	256QAM	50	0	17.39	17.52	17.44		
20	256QAM	50	24	17.32	17.41	17.31	18.8	5
20	256QAM	50	50	17.37	17.41	17.35		
20	256QAM	100	0	17.33	17.40	17.25		
Channel				42433	42590	42815	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3427.5	3450	3542.5		
15	QPSK	1	0	22.38	22.57	22.46		
15	QPSK	1	37	22.36	22.49	22.42	23.8	0
15	QPSK	1	74	22.37	22.53	22.35		
15	QPSK	36	0	22.34	22.40	22.44		
15	QPSK	36	20	22.25	22.49	22.28	23.8	0
15	QPSK	36	39	22.30	22.43	22.28		
15	QPSK	75	0	22.22	22.35	22.39		
15	16QAM	1	0	22.28	22.35	22.28		
15	16QAM	1	37	22.16	22.31	22.25	23.8	0
15	16QAM	1	74	22.22	22.22	22.16		
15	16QAM	36	0	21.53	21.59	21.42		
15	16QAM	36	20	21.35	21.50	21.32	22.8	1
15	16QAM	36	39	21.44	21.53	21.41		
15	16QAM	75	0	21.44	21.50	21.48		
15	64QAM	1	0	21.45	21.65	21.50		
15	64QAM	1	37	21.42	21.57	21.49	22.8	1
15	64QAM	1	74	21.47	21.59	21.46		
15	64QAM	36	0	20.47	20.54	20.46		
15	64QAM	36	20	20.26	20.40	20.21	21.8	2
15	64QAM	36	39	20.34	20.37	20.34		
15	64QAM	75	0	20.48	20.53	20.39		
15	256QAM	1	0	17.35	17.34	17.36		
15	256QAM	1	37	17.17	17.36	17.25	18.8	5
15	256QAM	1	74	17.24	17.33	17.26		
15	256QAM	36	0	17.31	17.46	17.37		
15	256QAM	36	20	17.10	17.37	17.19	18.8	5
15	256QAM	36	39	17.26	17.31	17.22		
15	256QAM	75	0	17.27	17.25	17.16		
Channel				42540	42590	43045	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500	3545		
10	QPSK	1	0	22.30	22.54	22.40		
10	QPSK	1	25	22.32	22.38	22.37	23.8	0
10	QPSK	1	49	22.32	22.42	22.37		
10	QPSK	25	0	22.25	22.46	22.40		
10	QPSK	25	12	22.22	22.39	22.29	23.8	0
10	QPSK	25	25	22.16	22.41	22.26		
10	QPSK	50	0	22.24	22.33	22.32		
10	16QAM	1	0	22.29	22.42	22.34		
10	16QAM	1	25	22.16	22.35	22.18	23.8	0
10	16QAM	1	49	22.25	22.27	22.11		
10	16QAM	25	0	21.56	21.61	21.42		
10	16QAM	25	12	21.52	21.47	21.42	22.8	1
10	16QAM	25	25	21.40	21.51	21.40		
10	16QAM	50	0	21.40	21.55	21.41		
10	64QAM	1	0	21.43	21.58	21.51		
10	64QAM	1	25	21.40	21.54	21.48	22.8	1
10	64QAM	1	49	21.46	21.52	21.39		
10	64QAM	25	0	20.47	20.52	20.46		
10	64QAM	25	12	20.37	20.37	20.21	21.8	2
10	64QAM	25	25	20.24	20.45	20.25		
10	64QAM	50	0	20.51	20.54	20.34		
10	256QAM	1	0	17.28	17.42	17.29		
10	256QAM	1	25	17.17	17.35	17.23	18.8	5
10	256QAM	1	49	17.25	17.32	17.19		
10	256QAM	25	0	17.31	17.48	17.29		
10	256QAM	25	12	17.27	17.38	17.25	18.8	5
10	256QAM	25	25	17.26	17.31	17.30		
10	256QAM	50	0	17.24	17.33	17.16		
Channel				42413	42590	43093	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	22.42	22.55	22.40		
5	QPSK	1	12	22.32	22.40	22.34	23.8	0
5	QPSK	1	24	22.33	22.43	22.34		
5	QPSK	12	0	22.32	22.49	22.36		

GSM1900 Ant4 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	28.94	29.13	29.18	30.50	19.94	20.13	20.18	21.50
GPRS 1 Tx slot	28.88	29.08	29.11	30.50	19.88	20.08	20.11	21.50
GPRS 2 Tx slots	25.92	26.12	26.28	27.50	19.92	20.12	20.28	21.50
GPRS 3 Tx slots	23.87	24.01	24.14	25.70	19.61	19.75	19.88	21.44
GPRS 4 Tx slots	23.12	23.32	23.20	24.50	20.12	20.32	20.20	21.50
EDGE 1 Tx slot	24.68	24.85	24.93	26.50	15.68	15.85	15.93	17.50
EDGE 2 Tx slots	21.96	22.18	22.25	23.50	15.96	16.18	16.25	17.50
EDGE 3 Tx slots	19.96	20.16	20.28	21.70	15.70	15.90	16.02	17.44
EDGE 4 Tx slots	18.63	18.83	18.93	20.50	15.63	15.83	15.93	17.50

WCDMA II Ant4 Default

WCDMA IV Ant4 Default

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	23.83	24.00	23.93	25.40	23.80	23.86	23.75	25.10
3GPP Rel 99	RMC 12.2Kbps	23.94	24.08	24.01	25.40	23.88	23.92	23.81	25.10
3GPP Rel 6	HSDPA Subtest-1	22.83	22.98	22.97	24.40	22.78	22.94	22.72	24.10
3GPP Rel 6	HSDPA Subtest-2	22.91	22.97	22.96	24.40	22.84	22.87	22.72	24.10
3GPP Rel 6	HSDPA Subtest-3	22.39	22.52	22.36	23.90	22.14	22.34	22.24	23.60
3GPP Rel 6	HSDPA Subtest-4	22.34	22.47	22.40	23.90	22.21	22.43	22.30	23.60
3GPP Rel 8	DC-HSDPA Subtest-1	22.92	23.07	22.71	24.40	22.80	22.84	22.64	24.10
3GPP Rel 8	DC-HSDPA Subtest-2	22.98	22.97	22.79	23.60	22.78	22.93	22.75	24.10
3GPP Rel 8	DC-HSDPA Subtest-3	22.51	22.54	22.21	23.90	22.21	22.43	22.17	23.60
3GPP Rel 8	DC-HSDPA Subtest-4	22.48	22.59	22.53	23.90	22.34	22.36	22.28	23.60
3GPP Rel 6	HSUPA Subtest-1	22.94	22.99	22.92	24.40	22.76	22.94	22.92	24.10
3GPP Rel 6	HSUPA Subtest-2	20.91	20.96	20.92	22.40	20.79	20.94	20.85	22.10
3GPP Rel 6	HSUPA Subtest-3	21.89	22.04	21.96	23.40	21.80	21.89	21.74	23.10
3GPP Rel 6	HSUPA Subtest-4	20.95	21.01	20.86	22.40	20.71	20.87	20.87	22.10
3GPP Rel 6	HSUPA Subtest-5	22.93	22.99	22.96	24.40	22.75	22.84	22.76	24.10
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.37	20.52	20.37	21.90	20.34	20.30	20.31	21.60

Band 2 Ant4 Default

BW [MHz]	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	24.46	24.60	24.49		
20	QPSK	1	49	24.58	24.54	24.46	25.5	0
20	QPSK	1	99	24.53	24.47	24.41		
20	QPSK	50	0	24.41	24.48	24.37		
20	QPSK	50	24	24.27	24.29	24.28	25.5	0
20	QPSK	50	50	24.32	24.33	24.25		
20	QPSK	100	0	24.37	24.41	24.34		
20	16QAM	1	0	24.50	24.50	24.52		
20	16QAM	1	49	24.46	24.44	24.43	25.5	0
20	16QAM	1	99	24.47	24.44	24.46		
20	16QAM	50	0	23.48	23.42	23.34		
20	16QAM	50	24	23.40	23.39	23.31	24.5	1
20	16QAM	50	50	23.39	23.34	23.27		
20	16QAM	100	0	23.39	23.40	23.42		
20	64QAM	1	0	23.54	23.48	23.49		
20	64QAM	1	49	23.49	23.40	23.33	24.5	1
20	64QAM	1	99	23.47	23.40	23.32		
20	64QAM	50	0	22.45	22.46	22.48		
20	64QAM	50	24	22.40	22.39	22.32	23.5	2
20	64QAM	50	50	22.48	22.40	22.33		
20	64QAM	100	0	22.48	22.44	22.46		
20	256QAM	1	0	19.74	19.67	19.66		
20	256QAM	1	49	19.61	19.56	19.56	20.5	5
20	256QAM	1	99	19.63	19.63	19.57		
20	256QAM	50	0	19.43	19.45	19.45		
20	256QAM	50	24	19.38	19.40	19.42	20.5	5
20	256QAM	50	50	19.32	19.30	19.32		
20	256QAM	100	0	19.49	19.47	19.41		
Channel				18674.7	18899.58	19124.64	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.2	1879.58	1902.14		
15	QPSK	1	0	24.38	24.46	24.39		
15	QPSK	1	37	24.44	24.40	24.41	25.5	0
15	QPSK	1	74	24.45	24.38	24.32		
15	QPSK	36	0	24.27	24.38	24.27		
15	QPSK	36	20	24.14	24.23	24.18	25.5	0
15	QPSK	36	39	24.17	24.27	24.18		
15	QPSK	75	0	24.33	24.28	24.20		
15	16QAM	1	0	24.46	24.42	24.41		
15	16QAM	1	37	24.32	24.35	24.29	25.5	0
15	16QAM	1	74	24.33	24.36	24.31		
15	16QAM	36	0	23.39	23.28	23.19		
15	16QAM	36	20	23.36	23.28	23.24	24.5	1
15	16QAM	36	39	23.25	23.26	23.22		
15	16QAM	75	0	23.25	23.36	23.35		
15	64QAM	1	0	23.48	23.34	23.41		
15	64QAM	1	37	23.36	23.33	23.27	24.5	1
15	64QAM	1	74	23.40	23.31	23.27		
15	64QAM	36	0	22.31	22.39	22.38		
15	64QAM	36	20	22.35	22.22	22.19	23.5	2
15	64QAM	36	39	22.36	22.32	22.30		
15	64QAM	75	0	22.39	22.35	22.40		
15	256QAM	1	0	19.65	19.54	19.55		
15	256QAM	1	37	19.52	19.42	19.52	20.5	5
15	256QAM	1	74	19.51	19.49	19.43		
15	256QAM	36	0	19.39	19.35	19.37		
15	256QAM	36	20	19.24	19.30	19.29	20.5	5
15	256QAM	36	39	19.25	19.20	19.20		
15	256QAM	75	0	19.43	19.39	19.28		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	24.42	24.46	24.37		
10	QPSK	1	25	24.44	24.44	24.32	25.5	0
10	QPSK	1	49	24.47	24.37	24.28		
10	QPSK	25	0	24.30	24.43	24.27		
10	QPSK	25	12	24.13	24.19	24.15	25.5	0
10	QPSK	25	25	24.24	24.20	24.19		
10	QPSK	50	0	24.34	24.31	24.26		
10	16QAM	1	0	24.45	24.45	24.45		
10	16QAM	1	25	24.41	24.29	24.40	25.5	0
10	16QAM	1	49	24.35	24.34	24.34		
10	16QAM	25	0	23.41	23.36	23.19		
10	16QAM	25	12	23.27	23.24	23.18	24.5	1
10	16QAM	25	25	23.32	23.30	23.23		
10	16QAM	50	0	23.26	23.29	23.29		
10	64QAM	1	0	23.40	23.36	23.45		
10	64QAM	1	25	23.45	23.31	23.28	24.5	1
10	64QAM	1	49	23.34	23.29	23.19		
10	64QAM	25	0	22.42	22.39	22.43		
10	64QAM	25	12	22.26	22.26	22.18	23.5	2
10	64QAM	25	25	22.43	22.26	22.21		
10	64QAM	50	0	22.40	22.31	22.38		
10	256QAM	1	0	19.64	19.55	19.53		
10	256QAM	1	25	19.57	19.53	19.44	20.5	5
10	256QAM	1	49	19.54	19.57	19.46		
10	256QAM	25	0	19.35	19.30	19.31		
10	256QAM	25	12	19.31	19.34	19.39	20.5	5
10	256QAM	25	25	19.21	19.16	19.24		
10	256QAM	50	0	19.35	19.43	19.29		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	24.31	24.56	24.45		
5	QPSK	1	12	24.54	24.49	24.40	25.5	0
5	QPSK	1	24	24.46	24.39	24.27		
5	QPSK	12	0	24.26	24.42	24.28		
5	QPSK	12	7	24.21	24.18	24.24	25.5	0
5	QPSK	12	13	24.18	24.20	24.19		
5	QPSK	25	0	24.31	24.29	24.25		
5	16QAM	1	0	24.39	24.40	24.38		
5	16QAM	1	12	24.37	24.40	24.36	25.5	0
5	16QAM	1	24	24.33	24.40	24.37		
5	16QAM	12	0	23.43	23.36	23.29		
5	16QAM	12	7	23.27	23.24	23.19	24.5	1
5	16QAM	12	13	23.25	23.30	23.15		
5	16QAM	25	0	23.27	23.29	23.34		
5	64QAM	1	0	23.50	23.37	23.38		
5	64QAM	1	12	23.42	23.32	23.21	24.5	1
5	64QAM	1	24	23.42	23.28	23.27		
5	64QAM	12	0	22.33	22.32	22.40		
5	64QAM	12	7	22.33	22.31	22.19	23.5	2
5	64QAM	12	13	22.39	22.31	22.27		
5	64QAM	25	0	22.36	22.38	22.32		
5	256QAM	1	0	19.65	19.60	19.58		
5	256QAM	1	12	19.52	19.42	19.42	20.5	5
5	256QAM	1	24	19.59	19.53	19.53		
5	256QAM	12	0	19.29	19.37	19.36		
5	256QAM	12	7	19.24	19.35	19.27	20.5	5
5	256QAM	12	13	19.27	19.15	19.25		
5	256QAM	25	0	19.45	19.35	19.36		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	24.36	24.54	24.40		
3	QPSK	1	8	24.43	24.43	24.36	25.5	0
3	QPSK	1	14	24.40	24.38	24.34		
3	QPSK	8	0	24.34	24.36	24.32		
3	QPSK	8	4	24.22	24.18	24.20	25.5	0
3	QPSK	8	7	24.19	24.25	24.19		
3	QPSK	15	0	24.27	24.36	24.23		
3	16QAM	1	0	24.44	24.39	24.43		
3	16QAM	1	8	24.34	24.31	24.35	25.5	0
3	16QAM	1	14	24.43	24.33	24.34		
3	16QAM	8	0	23.38	23.38	23.29		
3	16QAM	8	4	23.30	23.36	23.23	24.5	1
3	16QAM	8	7	23.26	23.27	23.20		
3	16QAM	15	0	23.31	23.29	23.34		
3	64QAM	1	0	23.43	23.38	23.41		
3	64QAM	1	8	23.45	23.27	23.26	24.5	1
3	64QAM	1	14	23.43	23.35	23.20		
3	64QAM	8	0	22.40	22.32	22.36		
3	64QAM	8	4	22.29	22.29	22.28	23.5	2
3	64QAM	8	7	22.39	22.31	22.29		
3	64QAM	15	0	22.42	22.34	22.35		
3	256QAM	1	0	19.60	19.61	19.62		
3	256QAM	1	8	19.46	19.43	19.43	20.5	5
3	256QAM	1	14	19.51	19.52	19.50		
3	256QAM	8	0	19.28	19.34	19.35		
3	256QAM	8	4	19.27	19.31	19.30	20.5	5
3	256QAM	8	7	19.21	19.15	19.19		
3	256QAM	15	0	19.37	19.39	19.31		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	24.33	24.46	24.35		
1.4	QPSK	1	3	24.54	24.42	24.37		
1.4	QPSK	1	5	24.49	24.44	24.31	25.5	0
1.4	QPSK	3	0	24.37	24.42	24.26		
1.4	QPSK	3	1	24.16	24.16	24.22		
1.4	QPSK	3	3	24.20	24.24	24.18		
1.4	QPSK	6	0	24.32	24.30	24.22	25.5	0
1.4	16QAM	1	0	24.41	24.44	24.40		
1.4	16QAM	1	3	24.37	24.34	24.30		
1.4	16QAM	1	5	24.38	24.39	24.40	25.5	0
1.4	16QAM	3	0	24.40	24.31	24.22		
1.4	16QAM	3	1	24.34	24.33	24.23		
1.4	16QAM	3	3	24.30	24.20	24.14		
1.4	16QAM	6	0	23.29	23.29	23.34	24.5	1
1.4	64QAM	1	0	23.50	23.44	23.40		
1.4	64QAM	1	3	23.44	23.35	23.20		
1.4	64QAM	1	5	23.40	23.34	23.27	24.5	1
1.4	64QAM	3	0	23.32	23.40	23.36		
1.4	64QAM	3	1	23.27	23.23	23.24		
1.4	64QAM	3	3	23.38	23.30	23.23		
1.4	64QAM	6	0	22.39	22.30	22.32	23.5	2
1.4	256QAM	1	0	19.64	19.56	19.56		
1.4	256QAM	1	3	19.49	19.44	19.43		
1.4	256QAM	1	5	19.56	19.59	19.44	20.5	5
1.4	256QAM	3	0	19.37	19.39	19.31		
1.4	256QAM	3	1	19.25	19.31	19.30		
1.4	256QAM	3	3	19.18	19.16	19.19		
1.4	256QAM	6	0	19.39	19.34	19.26	20.5	5

Band 4 Ant4 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20300	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	24.86	25.09	24.91		
20	QPSK	1	49	24.84	24.98	24.88	25.7	0
20	QPSK	1	99	25.62	24.96	24.94		
20	QPSK	50	0	24.93	25.07	25.03		
20	QPSK	50	24	24.90	24.95	24.87	25.7	0
20	QPSK	50	50	24.96	25.04	24.99		
20	QPSK	100	0	24.96	25.01	24.96		
20	16QAM	1	0	24.95	25.06	24.95		
20	16QAM	1	49	24.89	24.95	24.82	25.7	0
20	16QAM	1	99	24.93	25.00	24.94		
20	16QAM	50	0	23.84	23.97	23.87		
20	16QAM	50	24	23.75	23.88	23.77	24.7	1
20	16QAM	50	50	23.71	23.83	23.69		
20	16QAM	100	0	23.95	24.03	23.97		
20	64QAM	1	0	24.04	24.10	24.06		
20	64QAM	1	49	23.99	24.02	23.99	24.7	1
20	64QAM	1	99	23.95	24.06	23.94		
20	64QAM	50	0	22.95	23.05	22.90		
20	64QAM	50	24	22.96	23.02	22.93	23.7	2
20	64QAM	50	50	22.80	22.91	22.78		
20	64QAM	100	0	22.94	23.01	22.87		
20	256QAM	1	0	19.75	19.87	19.78		
20	256QAM	1	49	19.72	19.77	19.69	20.7	5
20	256QAM	1	99	19.71	19.77	19.66		
20	256QAM	50	0	19.87	19.95	19.91		
20	256QAM	50	24	19.80	19.85	19.79	20.7	5
20	256QAM	50	50	19.76	19.82	19.74		
20	256QAM	100	0	19.92	20.04	19.91		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	24.79	24.98	24.82		
15	QPSK	1	37	24.80	24.98	24.82	25.7	0
15	QPSK	1	74	24.96	24.97	24.82		
15	QPSK	36	0	24.86	25.03	24.92		
15	QPSK	36	20	24.78	24.80	24.82	25.7	0
15	QPSK	36	39	24.84	25.01	24.92		
15	QPSK	75	0	24.84	24.95	24.90		
15	16QAM	1	0	24.82	24.93	24.85		
15	16QAM	1	37	24.75	24.92	24.71	25.7	0
15	16QAM	1	74	24.89	24.97	24.80		
15	16QAM	36	0	23.77	23.92	23.78		
15	16QAM	36	20	23.66	23.83	23.71	24.7	1
15	16QAM	36	39	23.64	23.75	23.66		
15	16QAM	75	0	23.91	23.99	23.86		
15	64QAM	1	0	23.98	23.96	23.92		
15	64QAM	1	37	23.91	23.98	23.91	24.7	1
15	64QAM	1	74	23.89	23.91	23.83		
15	64QAM	36	0	22.80	23.00	22.85		
15	64QAM	36	20	22.93	22.95	22.79	23.7	2
15	64QAM	36	39	22.70	22.79	22.66		
15	64QAM	75	0	22.89	22.97	22.75		
15	256QAM	1	0	19.62	19.73	19.71		
15	256QAM	1	37	19.58	19.64	19.61	20.7	5
15	256QAM	1	74	19.66	19.73	19.53		
15	256QAM	36	0	19.79	19.87	19.77		
15	256QAM	36	20	19.71	19.74	19.65	20.7	5
15	256QAM	36	39	19.69	19.75	19.69		
15	256QAM	75	0	19.78	20.00	19.87		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	24.79	25.02	24.80		
10	QPSK	1	25	24.80	24.92	24.76	25.7	0
10	QPSK	1	49	24.91	24.95	24.84		
10	QPSK	25	0	24.83	25.04	24.95		
10	QPSK	25	12	24.81	24.81	24.83	25.7	0
10	QPSK	25	25	24.82	25.00	24.91		
10	QPSK	50	0	24.82	24.87	24.92		
10	16QAM	1	0	24.80	24.95	24.80		
10	16QAM	1	25	24.76	24.90	24.71	25.7	0
10	16QAM	1	49	24.90	24.89	24.89		
10	16QAM	25	0	23.69	23.86	23.73		
10	16QAM	25	12	23.69	23.85	23.65	24.7	1
10	16QAM	25	25	23.61	23.69	23.61		
10	16QAM	50	0	23.88	23.94	23.86		
10	64QAM	1	0	24.01	24.06	23.92		
10	64QAM	1	25	23.92	23.98	23.89	24.7	1
10	64QAM	1	49	23.86	23.96	23.88		
10	64QAM	25	0	22.82	23.00	22.85		
10	64QAM	25	12	22.85	22.97	22.87	23.7	2
10	64QAM	25	25	22.68	22.79	22.74		
10	64QAM	50	0	22.81	22.93	22.78		
10	256QAM	1	0	19.61	19.74	19.67		
10	256QAM	1	25	19.59	19.64	19.62	20.7	5
10	256QAM	1	49	19.63	19.72	19.52		
10	256QAM	25	0	19.81	19.85	19.81		
10	256QAM	25	12	19.71	19.81	19.72	20.7	5
10	256QAM	25	25	19.63	19.70	19.66		
10	256QAM	50	0	19.82	19.90	19.77		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	24.71	24.96	24.83		
5	QPSK	1	12	24.70	24.85	24.74	25.7	0
5	QPSK	1	24	24.97	25.02	24.84		
5	QPSK	12	0	24.87	25.01	24.91		
5	QPSK	12	7	24.87	24.84	24.74	25.7	0
5	QPSK	12	13	24.87	24.96	24.93		
5	QPSK	25	0	24.88	24.98	24.90		
5	16QAM	1	0	24.85	25.02	24.89		
5	16QAM	1	12	24.81	24.86	24.70	25.7	0
5	16QAM	1	24	24.82	24.91	24.86		
5	16QAM	12	0	23.78	23.92	23.77		
5	16QAM	12	7	23.61	23.84	23.69	24.7	1
5	16QAM	12	13	23.61	23.71	23.66		
5	16QAM	25	0	23.86	23.97	23.88		
5	64QAM	1	0	23.91	23.98	23.97		
5	64QAM	1	12	23.89	23.98	23.95	24.7	1
5	64QAM	1	24	23.89	23.97	23.82		
5	64QAM	12	0	22.88	22.99	22.76		
5	64QAM	12	7	22.90	22.96	22.83	23.7	2
5	64QAM	12	13	22.67	22.77	22.68		
5	64QAM	25	0	22.82	22.90	22.82		
5	256QAM	1	0	19.69	19.73	19.70		
5	256QAM	1	12	19.62	19.74	19.62	20.7	5
5	256QAM	1	24	19.64	19.72	19.58		
5	256QAM	12	0	19.79	19.88	19.80		
5	256QAM	12	7	19.74	19.74	19.71	20.7	5
5	256QAM	12	13	19.68	19.72	19.61		
5	256QAM	25	0	19.88	19.98	19.85		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	24.82	25.00	24.77		
3	QPSK	1	8	24.70	24.86	24.75	25.7	0
3	QPSK	1	14	24.98	24.98	24.82		
3	QPSK	8	0	24.80	24.98	24.93		
3	QPSK	8	4	24.87	24.85	24.74	25.7	0
3	QPSK	8	7	24.88	24.99	24.95		
3	QPSK	15	0	24.83	24.94	24.83		
3	16QAM	1	0	24.87	24.98	24.83		
3	16QAM	1	8	24.74	24.85	24.68	25.7	0
3	16QAM	1	14	24.80	24.86	24.84		
3	16QAM	8	0	23.73	23.84	23.76		
3	16QAM	8	4	23.70	23.78	23.69	24.7	1
3	16QAM	8	7	23.61	23.79	23.58		
3	16QAM	15	0	23.82	23.97	23.83		
3	64QAM	1	0	23.97	23.98	23.95		
3	64QAM	1	8	23.87	23.91	23.92	24.7	1
3	64QAM	1	14	23.87	23.99	23.81		
3	64QAM	8	0	22.84	22.98	22.81		
3	64QAM	8	4	22.94	22.98	22.89	23.7	2
3	64QAM	8	7	22.73	22.77	22.72		
3	64QAM	15	0	22.83	22.89	22.74		
3	256QAM	1	0	19.63	19.83	19.74		
3	256QAM	1	8	19.67	19.71	19.61	20.7	5
3	256QAM	1	14	19.67	19.71	19.60		
3	256QAM	8	0	19.82	19.87	19.82		
3	256QAM	8	4	19.66	19.75	19.73	20.7	5
3	256QAM	8	7	19.63	19.78	19.69		
3	256QAM	15	0	19.87	19.98	19.77		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	24.76	24.95	24.83		
1.4	QPSK	1	3	24.72	24.89	24.79		
1.4	QPSK	1	5	24.93	24.96	24.81	25.7	0
1.4	QPSK	3	0	24.79	25.01	24.91		
1.4	QPSK	3	1	24.81	24.86	24.81		
1.4	QPSK	3	3	24.85	24.98	24.94		
1.4	QPSK	6	0	24.85	24.86	24.91	25.7	0
1.4	16QAM	1	0	24.85	24.98	24.83		
1.4	16QAM	1	3	24.75	24.90	24.74		
1.4	16QAM	1	5	24.89	24.92	24.83	25.7	0
1.4	16QAM	3	0	24.77	24.91	24.76		
1.4	16QAM	3	1	24.69	24.83	24.74		
1.4	16QAM	3	3	24.61	24.80	24.57		
1.4	16QAM	6	0	23.88	23.99	23.92	24.7	1
1.4	64QAM	1	0	23.94	23.98	24.01		
1.4	64QAM	1	3	23.90	23.96	23.85		
1.4	64QAM	1	5	23.80	23.97	23.81	24.7	1
1.4	64QAM	3	0	23.88	23.98	23.85		
1.4	64QAM	3	1	23.95	23.92	23.89		
1.4	64QAM	3	3	23.72	23.86	23.64		
1.4	64QAM	6	0	22.82	22.93	22.82	23.7	2
1.4	256QAM	1	0	19.66	19.75	19.71		
1.4	256QAM	1	3	19.66	19.63	19.65		
1.4	256QAM	1	5	19.59	19.74	19.53	20.7	5
1.4	256QAM	3	0	19.74	19.86	19.78		
1.4	256QAM	3	1	19.66	19.77	19.65		
1.4	256QAM	3	3	19.71	19.77	19.61		
1.4	256QAM	6	0	19.89	19.93	19.83	20.7	5

Band 7 Ant4 Default

BW [MHz]	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	25.05	25.18	25.12		
20	QPSK	1	49	24.98	25.10	25.05	25.7	0
20	QPSK	1	99	24.92	24.98	24.94		
20	QPSK	50	0	24.79	25.06	24.99		
20	QPSK	50	24	24.84	24.94	24.87	25.7	0
20	QPSK	50	50	24.82	24.93	24.79		
20	QPSK	100	0	24.86	25.03	24.92		
20	16QAM	1	0	24.70	24.92	24.87		
20	16QAM	1	49	24.63	24.88	24.77	25.7	0
20	16QAM

Band 25 Ant4 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	24.45	24.66	24.51		
20	QPSK	1	49	24.46	24.58	24.49	25.5	0
20	QPSK	1	99	24.38	24.50	24.36		
20	QPSK	50	0	24.40	24.51	24.42		
20	QPSK	50	24	24.32	24.36	24.32	25.5	0
20	QPSK	50	50	24.40	24.46	24.36		
20	QPSK	100	0	24.38	24.50	24.47		
20	16QAM	1	0	24.45	24.54	24.45		
20	16QAM	1	49	24.35	24.40	24.34	25.5	0
20	16QAM	1	99	24.45	24.50	24.41		
20	16QAM	50	0	23.34	23.38	23.24		
20	16QAM	50	24	23.20	23.29	23.16	24.5	1
20	16QAM	50	50	23.30	23.34	23.20		
20	16QAM	100	0	23.36	23.49	23.38		
20	64QAM	1	0	23.39	23.53	23.40		
20	64QAM	1	49	23.34	23.39	23.29	24.5	1
20	64QAM	1	99	23.28	23.41	23.27		
20	64QAM	50	0	22.31	22.34	22.29		
20	64QAM	50	24	22.22	22.27	22.12	23.5	2
20	64QAM	50	50	22.14	22.20	22.12		
20	64QAM	100	0	22.30	22.39	22.33		
20	256QAM	1	0	19.37	19.44	19.38		
20	256QAM	1	49	19.15	19.30	19.23	20.5	5
20	256QAM	1	99	19.25	19.38	19.33		
20	256QAM	50	0	19.27	19.40	19.34		
20	256QAM	50	24	19.25	19.30	19.17	20.5	5
20	256QAM	50	50	19.16	19.31	19.25		
20	256QAM	100	0	19.36	19.48	19.38		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	24.39	24.61	24.37		
15	QPSK	1	37	24.35	24.49	24.37	25.5	0
15	QPSK	1	74	24.27	24.35	24.23		
15	QPSK	36	0	24.32	24.46	24.33		
15	QPSK	36	20	24.27	24.22	24.18	25.5	0
15	QPSK	36	39	24.32	24.33	24.30		
15	QPSK	75	0	24.24	24.39	24.39		
15	16QAM	1	0	24.38	24.43	24.42		
15	16QAM	1	37	24.25	24.26	24.27	25.5	0
15	16QAM	1	74	24.39	24.39	24.31		
15	16QAM	36	0	23.27	23.31	23.14		
15	16QAM	36	20	23.15	23.15	23.12	24.5	1
15	16QAM	36	39	23.17	23.26	23.17		
15	16QAM	75	0	23.24	23.46	23.31		
15	64QAM	1	0	23.33	23.49	23.30		
15	64QAM	1	37	23.25	23.29	23.18	24.5	1
15	64QAM	1	74	23.13	23.30	23.18		
15	64QAM	36	0	22.19	22.26	22.21		
15	64QAM	36	20	22.11	22.21	22.00	23.5	2
15	64QAM	36	39	22.06	22.07	21.99		
15	64QAM	75	0	22.26	22.30	22.19		
15	256QAM	1	0	19.27	19.33	19.26		
15	256QAM	1	37	19.04	19.19	19.14	20.5	5
15	256QAM	1	74	19.15	19.32	19.19		
15	256QAM	36	0	19.17	19.36	19.28		
15	256QAM	36	20	19.22	19.23	19.02	20.5	5
15	256QAM	36	39	19.12	19.21	19.14		
15	256QAM	75	0	19.30	19.44	19.35		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	24.35	24.52	24.42		
10	QPSK	1	25	24.36	24.47	24.42	25.5	0
10	QPSK	1	49	24.32	24.39	24.24		
10	QPSK	25	0	24.33	24.45	24.34		
10	QPSK	25	12	24.19	24.31	24.26	25.5	0
10	QPSK	25	25	24.26	24.40	24.29		
10	QPSK	50	0	24.27	24.46	24.41		
10	16QAM	1	0	24.38	24.51	24.30		
10	16QAM	1	25	24.31	24.27	24.23	25.5	0
10	16QAM	1	49	24.40	24.40	24.36		
10	16QAM	25	0	23.30	23.26	23.17		
10	16QAM	25	12	23.12	23.16	23.05	24.5	1
10	16QAM	25	25	23.20	23.31	23.14		
10	16QAM	50	0	23.29	23.42	23.32		
10	64QAM	1	0	23.30	23.38	23.27		
10	64QAM	1	25	23.31	23.27	23.22	24.5	1
10	64QAM	1	49	23.14	23.34	23.17		
10	64QAM	25	0	22.18	22.30	22.21		
10	64QAM	25	12	22.14	22.21	21.98	23.5	2
10	64QAM	25	25	22.06	22.17	21.97		
10	64QAM	50	0	22.16	22.32	22.24		
10	256QAM	1	0	19.26	19.32	19.31		
10	256QAM	1	25	19.04	19.24	19.13	20.5	5
10	256QAM	1	49	19.20	19.28	19.29		
10	256QAM	25	0	19.20	19.28	19.23		
10	256QAM	25	12	19.12	19.18	19.13	20.5	5
10	256QAM	25	25	19.13	19.18	19.22		
10	256QAM	50	0	19.25	19.38	19.31		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	24.37	24.60	24.46		
5	QPSK	1	12	24.39	24.45	24.35	25.5	0
5	QPSK	1	24	24.35	24.37	24.30		
5	QPSK	12	0	24.33	24.38	24.33		
5	QPSK	12	7	24.19	24.26	24.22	25.5	0
5	QPSK	12	13	24.35	24.38	24.30		
5	QPSK	25	0	24.25	24.42	24.37		
5	16QAM	1	0	24.31	24.46	24.42		
5	16QAM	1	12	24.32	24.25	24.21	25.5	0
5	16QAM	1	24	24.40	24.35	24.31		
5	16QAM	12	0	23.29	23.33	23.16		
5	16QAM	12	7	23.09	23.21	23.09	24.5	1
5	16QAM	12	13	23.23	23.27	23.12		
5	16QAM	25	0	23.33	23.43	23.24		
5	64QAM	1	0	23.25	23.49	23.37		
5	64QAM	1	12	23.27	23.27	23.19	24.5	1
5	64QAM	1	24	23.15	23.29	23.23		
5	64QAM	12	0	22.22	22.22	22.16		
5	64QAM	12	7	22.19	22.21	22.00	23.5	2
5	64QAM	12	13	22.06	22.16	22.00		
5	64QAM	25	0	22.20	22.35	22.23		
5	256QAM	1	0	19.32	19.37	19.31		
5	256QAM	1	12	19.09	19.22	19.10	20.5	5
5	256QAM	1	24	19.20	19.27	19.22		
5	256QAM	12	0	19.12	19.30	19.25		
5	256QAM	12	7	19.21	19.20	19.14	20.5	5
5	256QAM	12	13	19.12	19.22	19.17		
5	256QAM	25	0	19.32	19.45	19.25		
Channel				26045	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	24.38	24.63	24.37		
3	QPSK	1	8	24.35	24.46	24.35	25.5	0
3	QPSK	1	14	24.34	24.47	24.24		
3	QPSK	8	0	24.26	24.37	24.28		
3	QPSK	8	4	24.18	24.28	24.18	25.5	0
3	QPSK	8	7	24.32	24.31	24.30		
3	QPSK	15	0	24.35	24.41	24.41		
3	16QAM	1	0	24.41	24.39	24.40		
3	16QAM	1	8	24.30	24.30	24.22	25.5	0
3	16QAM	1	14	24.36	24.39	24.30		
3	16QAM	8	0	23.28	23.29	23.19		
3	16QAM	8	4	23.08	23.25	23.12	24.5	1
3	16QAM	8	7	23.20	23.22	23.08		
3	16QAM	15	0	23.21	23.39	23.31		
3	64QAM	1	0	23.32	23.38	23.35		
3	64QAM	1	8	23.26	23.26	23.21	24.5	1
3	64QAM	1	14	23.22	23.35	23.23		
3	64QAM	8	0	22.19	22.20	22.22		
3	64QAM	8	4	22.18	22.13	21.98	23.5	2
3	64QAM	8	7	22.09	22.07	22.00		
3	64QAM	15	0	22.20	22.28	22.18		
3	256QAM	1	0	19.29	19.36	19.34		
3	256QAM	1	8	19.12	19.24	19.20	20.5	5
3	256QAM	1	14	19.13	19.31	19.20		
3	256QAM	8	0	19.15	19.37	19.27		
3	256QAM	8	4	19.15	19.24	19.05	20.5	5
3	256QAM	8	7	19.06	19.26	19.20		
3	256QAM	15	0	19.33	19.40	19.27		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	24.33	24.59	24.42		
1.4	QPSK	1	3	24.33	24.49	24.46		
1.4	QPSK	1	5	24.35	24.46	24.23	25.5	0
1.4	QPSK	3	0	24.31	24.37	24.30		
1.4	QPSK	3	1	24.28	24.33	24.21		
1.4	QPSK	3	3	24.31	24.41	24.30		
1.4	QPSK	6	0	24.36	24.40	24.36	25.5	0
1.4	16QAM	1	0	24.36	24.39	24.33		
1.4	16QAM	1	3	24.23	24.32	24.20		
1.4	16QAM	1	5	24.34	24.35	24.27	25.5	0
1.4	16QAM	3	0	24.23	24.26	24.19		
1.4	16QAM	3	1	24.15	24.19	24.12		
1.4	16QAM	3	3	24.25	24.22	24.15		
1.4	16QAM	6	0	23.28	23.38	23.26	24.5	1
1.4	64QAM	1	0	23.25	23.40	23.29		
1.4	64QAM	1	3	23.26	23.30	23.17		
1.4	64QAM	1	5	23.17	23.28	23.22	24.5	1
1.4	64QAM	3	0	23.20	23.20	23.16		
1.4	64QAM	3	1	23.17	23.15	23.00		
1.4	64QAM	3	3	23.00	23.07	23.07		
1.4	64QAM	6	0	22.25	22.25	22.18	23.5	2
1.4	256QAM	1	0	19.27	19.30	19.31		
1.4	256QAM	1	3	19.10	19.17	19.19		
1.4	256QAM	1	5	19.21	19.33	19.21	20.5	5
1.4	256QAM	3	0	19.23	19.31	19.29		
1.4	256QAM	3	1	19.20	19.21	19.03		
1.4	256QAM	3	3	19.07	19.20	19.14		
1.4	256QAM	6	0	19.29	19.39	19.30	20.5	5

Band 66 Ant4 Default

BW [MHz]	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	24.00	24.10	23.87		
20	QPSK	1	49	23.98	24.01	23.87	24.7	0
20	QPSK	1	99	23.94	24.07	23.99		
20	QPSK	50	0	23.92	24.06	24.01		
20	QPSK	50	24	23.79	23.91	23.83	24.7	0
20	QPSK	50	50	23.91	24.03	23.96		
20	QPSK	100	0	23.89	23.98	23.89		
20	16QAM	1	0	23.96	24.04	23.96		
20	16QAM	1	49	23.90	23.98	23.84	24.7	0
20	16QAM	1	99	23.90	23.97	23.86		
20	16QAM	50	0	23.02	23.06	22.96		
20	16QAM	50	24	23.00	23.03	22.95	23.7	1
20	16QAM	50	50	22.85	22.99	22.92		
20	16QAM	100	0	22.92	22.97	22.91		
20	64QAM	1	0	23.06	23.14	23.09		
20	64QAM	1	49	23.02	23.06	22.97	23.7	1
20	64QAM	1	99	22.98	23.02	22.94		
20	64QAM	50	0	21.90	22.01	21.94		
20	64QAM	50	24	21.91	21.95	21.82	22.7	2
20	64QAM	50	50	21.77	21.87	21.78		
20	64QAM	100	0	21.91	21.95	21.89		
20	256QAM	1	0	18.94	19.07	19.00		
20	256QAM	1	49	18.88	19.01	18.90	19.7	5
20	256QAM	1	99	18.95	19.04	18.95		
20	256QAM	50	0	18.89	18.94	18.90		
20	256QAM	50	24	18.66	18.79	18.67	19.7	5
20	256QAM	50	50	18.76	18.88	18.78		
20	256QAM	100	0	18.94	19.05	18.98		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	23.95	24.00	23.74		
15	QPSK	1	37	23.89	23.91	23.83	24.7	0
15	QPSK	1	74	23.91	23.96	23.86		
15	QPSK	36	0	23.81	24.00	23.88		
15	QPSK	36	20	23.70	23.78	23.69	24.7	0
15	QPSK	36	39	23.84	23.97	23.82		
15	QPSK	75	0	23.85	23.90	23.85		
15	16QAM	1	0	23.87	23.94	23.90		
15	16QAM	1	37	23.77	23.91	23.69	24.7	0
15	16QAM	1	74	23.77	23.91	23.73		
15	16QAM	36	0	22.92	22.94	22.83		
15	16QAM	36	20	22.92	22.95	22.90	23.7	1
15	16QAM	36	39	22.77	22.92	22.85		
15	16QAM	75	0	22.81	22.93	22.78		
15	64QAM	1	0	23.02	22.99	22.97		
15	64QAM	1	37	22.97	22.99	22.93	23.7	1
15	64QAM	1	74	22.85	22.96	22.82		
15	64QAM	36	0	21.81	21.90	21.89		
15	64QAM	36	20	21.77	21.87	21.78	22.7	2
15	64QAM	36	39	21.67	21.72	21.71		
15	64QAM	75	0	21.84	21.90	21.75		
15	256QAM	1	0	18.87	18.97	18.95		
15	256QAM	1	37	18.77	18.96	18.84	19.7	5
15	256QAM	1	74	18.84	19.00	18.85		
15	256QAM	36	0	18.84	18.81	18.76		
15	256QAM	36	20	18.56	18.75	18.61	19.7	5
15	256QAM	36	39	18.70	18.85	18.72		
15	256QAM	75	0	18.79	18.94	18.84		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	23.92	23.98	23.77		
10	QPSK	1	25	23.84	23.96	23.75	24.7	0
10	QPSK	1	49	23.87	23.93	23.86		
10	QPSK	25	0	23.87	23.96	23.95		
10	QPSK	25	12	23.66	23.85	23.74	24.7	0
10	QPSK	25	25	23.80	23.94	23.83		
10	QPSK	50	0	23.83	23.88	23.84		
10	16QAM	1	0	23.90	23.95	23.92		
10	16QAM	1	25	23.82	23.84	23.76	24.7	0
10	16QAM	1	49	23.77	23.88	23.81		
10	16QAM	25	0	22.91	22.95	22.83		
10	16QAM	25	12	22.92	22.98	22.92	23.7	1
10	16QAM	25	25	22.74	22.88	22.80		
10	16QAM	50	0	22.82	22.92	22.77		
10	64QAM	1	0	23.01	23.06	22.99		
10	64QAM	1	25	22.97	23.03	22.92	23.7	1
10	64QAM	1	49	22.85	22.98	22.88		
10	64QAM	25	0	21.85	21.91	21.83		
10	64QAM	25	12	21.84	21.86	21.78	22.7	2
10	64QAM	25	25	21.68	21.74	21.67		
10	64QAM	50	0	21.77	21.80	21.78		
10	256QAM	1	0	18.80	18.95	18.92		
10	256QAM	1	25	18.77	18.86	18.84	19.7	5
10	256QAM	1	49	18.88	18.98	18.86		
10	256QAM	25	0	18.85	18.81	18.77		
10	256QAM	25	12	18.52	18.74	18.58	19.7	5
10	256QAM	25	25	18.63	18.75	18.67		
10	256QAM	50	0	18.86	18.96	18.83		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	23.92	23.96	23.83		
5	QPSK	1	12	23.83	23.88	23.76	24.7	0
5	QPSK	1	24	23.85	23.95	23.94		
5	QPSK	12	0	23.89	23.96	23.93		
5	QPSK	12	7	23.75	23.82	23.69	24.7	0
5	QPSK	12	13	23.84	23.90	23.86		
5	QPSK	25	0	23.80	23.86	23.75		
5	16QAM	1	0	23.86	23.99	23.86		
5	16QAM	1	12	23.75	23.85	23.69	24.7	0
5	16QAM	1	24	23.77	23.85	23.82		
5	16QAM	12	0	22.93	23.00	22.90		
5	16QAM	12	7	22.87	22.96	22.85	23.7	1
5	16QAM	12	13	22.78	22.94	22.80		
5	16QAM	25	0	22.78	22.91	22.85		
5	64QAM	1	0	23.00	23.09	23.03		
5	64QAM	1	12	22.98	22.95	22.84	23.7	1
5	64QAM	1	24	22.83	22.94	22.87		
5	64QAM	12	0	21.84	21.96	21.89		
5	64QAM	12	7	21.85	21.85	21.75	22.7	2
5	64QAM	12	13	21.63	21.84	21.73		
5	64QAM	25	0	21.87	21.91	21.81		
5	256QAM	1	0	18.85	18.95	18.94		
5	256QAM	1	12	18.78	18.93	18.82	19.7	5
5	256QAM	1	24	18.86	18.92	18.87		
5	256QAM	12	0	18.75	18.80	18.76		
5	256QAM	12	7	18.59	18.73	18.63	19.7	5
5	256QAM	12	13	18.65	18.84	18.75		
5	256QAM	25	0	18.84	18.90	18.94		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	23.88	24.06	23.81		
3	QPSK	1	8	23.92	23.93	23.79	24.7	0
3	QPSK	1	14	23.91	24.03	23.86		
3	QPSK	8	0	23.73	23.98	23.94		
3	QPSK	8	4	23.65	23.84	23.69	24.7	0
3	QPSK	8	7	23.81	23.95	23.84		
3	QPSK	15	0	23.84	23.87	23.82		
3	16QAM	1	0	23.90	23.91	23.85		
3	16QAM	1	8	23.86	23.92	23.75	24.7	0
3	16QAM	1	14	23.82	23.83	23.78		
3	16QAM	8	0	22.95	22.99	22.82		
3	16QAM	8	4	22.92	22.96	22.85	23.7	1
3	16QAM	8	7	22.74	22.88	22.83		
3	16QAM	15	0	22.86	22.85	22.88		
3	64QAM	1	0	22.91	23.10	23.00		
3	64QAM	1	8	22.98	22.94	22.82	23.7	1
3	64QAM	1	14	22.87	22.94	22.79		
3	64QAM	8	0	21.76	21.90	21.86		
3	64QAM	8	4	21.82	21.82	21.71	22.7	2
3	64QAM	8	7	21.74	21.72	21.73		
3	64QAM	15	0	21.86	21.84	21.83		
3	256QAM	1	0	18.86	18.93	18.89		
3	256QAM	1	8	18.81	18.92	18.80	19.7	5
3	256QAM	1	14	18.81	18.95	18.83		
3	256QAM	8	0	18.78	18.87	18.76		
3	256QAM	8	4	18.51	18.71	18.60	19.7	5
3	256QAM	8	7	18.70	18.74	18.69		
3	256QAM	15	0	18.81	18.95	18.94		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	23.91	24.04	23.77		
1.4	QPSK	1	3	23.87	23.87	23.74		
1.4	QPSK	1	5	23.83	24.03	23.85	24.7	0
1.4	QPSK	3	0	23.77	23.97	23.90		
1.4	QPSK	3	1	23.65	23.82	23.78		
1.4	QPSK	3	3	23.88	23.98	23.92		
1.4	QPSK	6	0	23.83	23.94	23.80	24.7	0
1.4	16QAM	1	0	23.92	23.91	23.91		
1.4	16QAM	1	3	23.77	23.88	23.79		
1.4	16QAM	1	5	23.81	23.88	23.73	24.7	0
1.4	16QAM	3	0	23.95	23.99	23.86		
1.4	16QAM	3	1	23.95	23.98	23.86		
1.4	16QAM	3	3	23.73	23.87	23.80		
1.4	16QAM	6	0	22.86	22.83	22.86	23.7	1
1.4	64QAM	1	0	22.91	23.04	22.94		
1.4	64QAM	1	3	22.89	23.02	22.90		
1.4	64QAM	1	5	22.88	22.95	22.88	23.7	1
1.4	64QAM	3	0	22.86	22.91	22.90		
1.4	64QAM	3	1	22.82	22.88	22.70		
1.4	64QAM	3	3	22.72	22.77	22.85		
1.4	64QAM	6	0	21.82	21.91	21.79	22.7	2
1.4	256QAM	1	0	18.89	19.00	18.96		
1.4	256QAM	1	3	18.83	18.94	18.78		
1.4	256QAM	1	5	18.81	19.00	18.88	19.7	5
1.4	256QAM	3	0	18.83	18.80	18.79		
1.4	256QAM	3	1	18.52	18.74	18.56		
1.4	256QAM	3	3	18.70	18.85	18.71		
1.4	256QAM	6	0	18.88	18.91	18.94	19.7	5

Band 38 Ant4 Default

BW [MHz]	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	25.14	25.16	25.06	25.7	0
20	QPSK	1	49	24.97	25.06	24.93		
20	QPSK	1	99	24.80	24.94	24.85		
20	QPSK	50	0	25.05	25.14	25.04	25.7	0
20	QPSK	50	24	24.93	25.07	25.02		
20	QPSK	50	50	25.05	25.13	25.06		
20	QPSK	100	0	24.99	25.10	25.05		
20	16QAM	1	0	25.07	25.11	25.05	25.7	0
20	16QAM	1	49	24.97	25.10	24.99		
20	16QAM	1	99	24.95	25.09	25.02		
20	16QAM	50	0	24.03	24.18	24.13	24.7	1
20	16QAM	50	24	24.01	24.12	24.00		
20	16QAM	50	50	23.95	24.09	23.97		
20	16QAM	100	0	24.14	24.19	24.12		
20	64QAM	1	0	24.09	24.22	24.13	24.7	1
20	64QAM	1	49	24.13	24.18	24.10		
20	64QAM	1	99	24.05	24.19	24.06		
20	64QAM	50	0	23.16	23.20	23.17	23.7	2
20	64QAM	50	24	23.03	23.12	23.03		
20	64QAM	50	50	23.08	23.17	23.10		
20	64QAM	100	0	23.08	23.17	23.09		
20	256QAM	1	0	20.10	20.13	20.10	20.7	5
20	256QAM	1	49	19.98	20.05	19.99		
20	256QAM	1	99	19.88	20.00	19.95		
20	256QAM	50	0	20.10	20.19	20.09	20.7	5
20	256QAM	50	24	20.01	20.06	19.99		
20	256QAM	50	50	19.97	20.11	20.07		
20	256QAM	100	0	20.06	20.14	20.07		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	25.07	25.14	24.94	25.7	0
15	QPSK	1	37	24.86	24.97	24.79		
15	QPSK	1	74	24.66	24.84	24.76		
15	QPSK	36	0	24.95	25.00	24.94	25.7	0
15	QPSK	36	20	24.78	25.00	24.97		
15	QPSK	36	39	25.01	25.04	24.95		
15	QPSK	75	0	24.94	25.01	24.97		
15	16QAM	1	0	25.01	25.04	24.94	25.7	0
15	16QAM	1	37	24.90	25.04	24.92		
15	16QAM	1	74	24.84	25.02	24.89		
15	16QAM	36	0	23.96	24.14	24.06	24.7	1
15	16QAM	36	20	23.92	24.05	23.94		
15	16QAM	36	39	23.82	24.00	23.91		
15	16QAM	75	0	24.03	24.05	24.07		
15	64QAM	1	0	24.03	24.14	24.02	24.7	1
15	64QAM	1	37	24.09	24.13	23.96		
15	64QAM	1	74	23.99	24.14	24.00		
15	64QAM	36	0	23.11	23.06	23.04	23.7	2
15	64QAM	36	20	22.92	23.06	22.99		
15	64QAM	36	39	22.93	23.07	23.02		
15	64QAM	75	0	23.01	23.06	23.03		
15	256QAM	1	0	20.03	20.04	19.95	20.7	5
15	256QAM	1	37	19.86	19.97	19.86		
15	256QAM	1	74	19.82	19.93	19.90		
15	256QAM	36	0	20.03	20.04	20.00	20.7	5
15	256QAM	36	20	19.98	19.92	19.84		
15	256QAM	36	39	19.88	20.06	19.93		
15	256QAM	75	0	20.02	20.05	20.03		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	25.01	25.08	24.98	25.7	0
10	QPSK	1	25	24.91	25.02	24.88		
10	QPSK	1	49	24.72	24.89	24.82		
10	QPSK	25	0	24.97	25.10	24.97	25.7	0
10	QPSK	25	12	24.82	24.98	24.93		
10	QPSK	25	25	24.92	25.09	24.97		
10	QPSK	50	0	24.84	25.04	24.93		
10	16QAM	1	0	24.98	25.07	24.90	25.7	0
10	16QAM	1	25	24.86	25.06	24.92		
10	16QAM	1	49	24.85	25.00	24.96		
10	16QAM	25	0	23.97	24.11	24.08	24.7	1
10	16QAM	25	12	23.94	24.01	23.91		
10	16QAM	25	25	23.89	23.97	23.86		
10	16QAM	50	0	24.11	24.15	24.05		
10	64QAM	1	0	24.04	24.08	24.05	24.7	1
10	64QAM	1	25	24.04	24.04	24.05		
10	64QAM	1	49	23.97	24.13	23.96		
10	64QAM	25	0	23.04	23.15	23.13	23.7	2
10	64QAM	25	12	23.00	23.07	22.89		
10	64QAM	25	25	22.95	23.05	23.02		
10	64QAM	50	0	22.96	23.03	23.04		
10	256QAM	1	0	20.03	20.05	19.97	20.7	5
10	256QAM	1	25	19.94	19.96	19.94		
10	256QAM	1	49	19.84	19.88	19.91		
10	256QAM	25	0	19.99	20.09	19.96	20.7	5
10	256QAM	25	12	19.96	19.92	19.89		
10	256QAM	25	25	19.86	20.05	19.96		
10	256QAM	50	0	19.98	20.02	19.99		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	25.08	25.14	24.97	25.7	0
5	QPSK	1	12	24.90	24.98	24.80		
5	QPSK	1	24	24.76	24.89	24.79		
5	QPSK	12	0	24.92	25.05	24.95	25.7	0
5	QPSK	12	7	24.81	24.98	24.91		
5	QPSK	12	13	24.93	25.04	24.92		
5	QPSK	25	0	24.91	25.00	24.97		
5	16QAM	1	0	24.99	25.05	24.97	25.7	0
5	16QAM	1	12	24.84	25.05	24.90		
5	16QAM	1	24	24.89	25.03	24.96		
5	16QAM	12	0	23.99	24.09	24.05	24.7	1
5	16QAM	12	7	23.88	23.99	23.87		
5	16QAM	12	13	23.89	24.04	23.89		
5	16QAM	25	0	24.00	24.16	23.99		
5	64QAM	1	0	23.95	24.18	24.03	24.7	1
5	64QAM	1	12	24.08	24.05	24.04		
5	64QAM	1	24	23.93	24.14	23.96		
5	64QAM	12	0	23.05	23.10	23.07	23.7	2
5	64QAM	12	7	22.96	23.02	22.98		
5	64QAM	12	13	23.00	23.06	23.04		
5	64QAM	25	0	23.04	23.04	23.04		
5	256QAM	1	0	19.99	20.05	19.97	20.7	5
5	256QAM	1	12	19.88	20.00	19.90		
5	256QAM	1	24	19.80	19.89	19.82		
5	256QAM	12	0	20.03	20.11	19.97	20.7	5
5	256QAM	12	7	19.89	19.95	19.86		
5	256QAM	12	13	19.86	20.07	20.01		
5	256QAM	25	0	20.02	20.05	19.94		

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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	25.12	25.15	25.18	25.05	25.11	25.7	0
20	QPSK	1	49	24.99	24.96	25.06	25.03	24.92		
20	QPSK	1	99	25.08	25.07	25.12	25.04	24.99		
20	QPSK	50	0	25.01	25.01	25.15	25.03	25.04	25.7	0
20	QPSK	50	24	25.03	25.01	25.10	25.00	25.04		
20	QPSK	50	50	25.06	24.98	25.13	25.05	25.02		
20	QPSK	100	0	25.03	24.99	25.09	24.98	24.99		
20	16QAM	1	0	25.03	25.07	25.15	25.11	25.02	25.7	0
20	16QAM	1	49	25.02	24.96	25.10	25.02	24.99		
20	16QAM	1	99	25.00	24.93	25.02	24.91	25.08		
20	16QAM	50	0	24.02	24.02	24.14	24.00	24.02	24.7	1
20	16QAM	50	24	24.01	23.92	24.06	24.03	23.91		
20	16QAM	50	50	24.05	24.00	24.07	23.94	24.06		
20	16QAM	100	0	23.94	23.96	24.07	24.00	24.01		
20	64QAM	1	0	24.13	24.14	24.18	24.04	24.06	24.7	1
20	64QAM	1	49	24.00	24.05	24.10	24.03	23.92		
20	64QAM	1	99	24.05	24.01	24.06	24.00	24.05		
20	64QAM	50	0	23.03	23.04	23.12	22.99	23.05	23.7	2
20	64QAM	50	24	22.88	22.93	23.00	22.97	22.95		
20	64QAM	50	50	22.97	23.01	23.08	22.96	22.90		
20	64QAM	100	0	23.00	23.04	23.11	23.07	23.00		
20	256QAM	1	0	20.06	19.96	20.10	19.98	19.97	20.7	5
20	256QAM	1	49	19.93	19.96	20.00	19.88	19.91		
20	256QAM	1	99	19.89	19.88	19.95	19.88	19.94		
20	256QAM	50	0	19.99	19.96	20.07	19.99	19.98	20.7	5
20	256QAM	50	24	19.89	19.90	19.93	19.83	19.95		
20	256QAM	50	50	19.91	19.84	19.99	19.89	19.85		
20	256QAM	100	0	19.96	20.01	20.04	19.96	19.89		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	25.02	25.07	25.04	25.01	25.06	25.70	0
15	QPSK	1	37	24.86	24.91	24.92	24.91	24.79		
15	QPSK	1	74	24.98	24.94	25.00	25.00	24.92		
15	QPSK	36	0	24.93	24.98	25.05	24.99	24.98	25.7	0
15	QPSK	36	20	24.90	24.98	24.95	24.95	24.96		
15	QPSK	36	39	24.98	24.85	25.00	25.02	24.93		
15	QPSK	75	0	24.90	24.87	24.98	24.93	24.94		
15	16QAM	1	0	24.93	25.00	25.02	25.05	24.94	25.7	0
15	16QAM	1	37	24.91	24.88	24.96	24.96	24.85		
15	16QAM	1	74	24.85	24.84	24.91	24.83	25.04		
15	16QAM	36	0	23.95	23.90	24.05	23.89	23.98	24.7	1
15	16QAM	36	20	23.87	23.89	24.00	23.95	23.85		
15	16QAM	36	39	23.97	23.95	23.96	23.87	23.96		
15	16QAM	75	0	23.79	23.84	23.93	23.93	23.94		
15	64QAM	1	0	24.06	24.02	24.11	23.98	23.91	24.7	1
15	64QAM	1	37	23.96	24.01	24.06	23.99	23.87		
15	64QAM	1	74	23.95	23.98	24.02	23.86	23.99		
15	64QAM	36	0	22.90	22.96	23.05	22.89	22.95	23.7	2
15	64QAM	36	20	22.79	22.80	22.87	22.86	22.88		
15	64QAM	36	39	22.83	22.88	23.02	22.91	22.76		
15	64QAM	75	0	22.96	22.97	23.03	23.02	22.96		
15	256QAM	1	0	19.95	19.86	20.02	19.92	19.85	20.7	5
15	256QAM	1	37	19.80	19.87	19.96	19.79	19.76		
15	256QAM	1	74	19.80	19.84	19.83	19.78	19.89		
15	256QAM	36	0	19.84	19.92	19.97	19.96	19.92	20.7	5
15	256QAM	36	20	19.82	19.81	19.88	19.78	19.84		
15	256QAM	36	39	19.79	19.71	19.92	19.78	19.73		
15	256QAM	75	0	19.88	19.93	19.89	19.86	19.78		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	25.08	25.04	25.03	25.00	24.98	25.70	0
10	QPSK	1	25	24.90	24.92	24.97	24.89	24.87		
10	QPSK	1	49	25.03	24.99	25.05	24.95	24.93		
10	QPSK	25	0	24.87	24.92	25.08	24.90	24.95	25.7	0
10	QPSK	25	12	24.95	24.89	25.07	24.87	24.92		
10	QPSK	25	25	24.93	24.91	25.04	24.93	24.95		
10	QPSK	50	0	25.00	24.84	24.94	24.91	24.85		
10	16QAM	1	0	24.91	25.01	25.09	25.00	24.88	25.7	0
10	16QAM	1	25	24.97	24.88	25.03	24.89	24.93		
10	16QAM	1	49	24.86	24.89	24.93	24.77	24.95		
10	16QAM	25	0	23.88	23.88	24.00	23.95	23.92	24.7	1
10	16QAM	25	12	23.94	23.78	24.01	24.00	23.84		
10	16QAM	25	25	23.94	23.97	23.94	23.82	23.96		
10	16QAM	50	0	23.82	23.82	23.92	23.96	23.96		
10	64QAM	1	0	24.02	24.08	24.12	23.91	23.95	24.7	1
10	64QAM	1	25	23.88	23.90	23.99	23.98	23.84		
10	64QAM	1	49	23.99	23.93	23.91	23.87	23.99		
10	64QAM	25	0	22.92	22.91	22.99	22.89	22.94	23.7	2
10	64QAM	25	12	22.83	22.79	22.94	22.93	22.88		
10	64QAM	25	25	22.84	22.95	23.03	22.84	22.78		
10	64QAM	50	0	22.89	22.99	23.08	23.04	22.95		
10	256QAM	1	0	19.99	19.85	19.97	19.91	19.83	20.7	5
10	256QAM	1	25	19.88	19.86	19.87	19.80	19.78		
10	256QAM	1	49	19.78	19.75	19.86	19.84	19.91		
10	256QAM	25	0	19.88	19.86	19.96	19.88	19.89	20.7	5
10	256QAM	25	12	19.80	19.84	19.88	19.74	19.86		
10	256QAM	25	25	19.86	19.79	19.86	19.84	19.71		
10	256QAM	50	0	19.85	19.88	20.00	19.83	19.76		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	24.97	25.08	25.06	24.98	25.05	25.70	0
5	QPSK	1	12	24.86	24.84	24.98	24.95	24.80		
5	QPSK	1	24	25.01	25.00	25.06	24.96	24.93		
5	QPSK	12	0	24.94	24.98	25.05	24.97	24.91	25.7	0
5	QPSK	12	7	24.91	24.94	25.05	24.86	25.01		
5	QPSK	12	13	24.95	24.83	25.00	25.02	24.91		
5	QPSK	25	0	24.95	24.85	24.97	24.89	24.95		
5	16QAM	1	0	24.94	24.96	25.07	25.06	24.93	25.7	0
5	16QAM	1	12	24.89	24.89	25.01	24.96	24.95		
5	16QAM	1	24	24.89	24.83	24.90	24.86	24.93		
5	16QAM	12	0	23.94	23.98	24.03	23.88	23.88	24.7	1
5	16QAM	12	7	23.87	23.86	24.02	23.94	23.80		
5	16QAM	12	13	24.02	23.87	24.00	23.86	24.01		
5	16QAM	25	0	23.80	23.88	23.94	23.89	23.90		
5	64QAM	1	0	23.98	24.09	24.09	23.96	23.92	24.7	1
5	64QAM	1	12	23.91	23.92	24.03	23.92	23.86		
5	64QAM	1	24	23.94	23.87	23.92	23.91	23.98		
5	64QAM	12	0	22.91	22.91	23.05	22.93	22.91	23.7	2
5	64QAM	12	7	22.83	22.83	22.89	22.91	22.92		
5	64QAM	12	13	22.89	22.95	22.97	22.90	22.75		
5	64QAM	25	0	22.89	22.91	22.96	22.92	22.93		
5	256QAM	1	0	19.97	19.93	20.04	19.85	19.89	20.7	5
5	256QAM	1	12	19.83	19.87	19.89	19.77	19.84		
5	256QAM	1	24	19.78	19.77	19.81	19.79	19.84		
5	256QAM	12	0	19.94	19.86	19.95	19.86	19.92	20.7	5
5	256QAM	12	7	19.85	19.82	19.89	19.80	19.80		
5	256QAM	12	13	19.81	19.71	19.84	19.75	19.80		
5	256QAM	25	0	19.83	19.86	19.92	19.89	19.82		

WCDMA IV Ant6 Default

Band		WCDMA IV			Tune-up Limit (dBm)
TX Channel		1312	1413	1513	
Rx Channel		1537	1638	1738	
Frequency (MHz)		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	23.65	23.80	23.61	25.20
3GPP Rel 99	RMC 12.2Kbps	23.77	23.87	23.73	25.20
3GPP Rel 6	HSDPA Subtest-1	22.69	22.79	22.90	24.20
3GPP Rel 6	HSDPA Subtest-2	22.71	22.86	22.89	24.20
3GPP Rel 6	HSDPA Subtest-3	22.16	22.34	22.42	23.70
3GPP Rel 6	HSDPA Subtest-4	22.17	22.35	22.34	23.70
3GPP Rel 8	DC-HSDPA Subtest-1	22.85	22.80	22.72	24.20
3GPP Rel 8	DC-HSDPA Subtest-2	22.84	22.82	22.77	24.20
3GPP Rel 8	DC-HSDPA Subtest-3	22.24	22.34	22.33	23.70
3GPP Rel 8	DC-HSDPA Subtest-4	22.28	22.38	22.28	23.70
3GPP Rel 6	HSUPA Subtest-1	22.74	22.74	22.83	24.20
3GPP Rel 6	HSUPA Subtest-2	20.77	20.89	20.87	22.20
3GPP Rel 6	HSUPA Subtest-3	21.74	21.86	21.71	23.20
3GPP Rel 6	HSUPA Subtest-4	20.81	20.87	20.83	22.20
3GPP Rel 6	HSUPA Subtest-5	22.64	22.84	22.90	24.20
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.20	20.27	20.31	21.70

Band 4 Ant6 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	24.33	24.41	24.24	25.4	0
20	QPSK	1	49	24.23	24.26	24.19		
20	QPSK	1	99	24.20	24.34	24.28		
20	QPSK	50	0	24.33	24.38	24.29		
20	QPSK	50	24	24.21	24.29	24.19	25.4	0
20	QPSK	50	50	24.30	24.35	24.22		
20	QPSK	100	0	24.22	24.33	24.21		
20	16QAM	1	0	24.21	24.35	24.31		
20	16QAM	1	49	24.21	24.27	24.23	25.4	0
20	16QAM	1	99	24.14	24.21	24.06		
20	16QAM	50	0	23.26	23.34	23.31		
20	16QAM	50	24	23.11	23.25	23.14	24.4	1
20	16QAM	50	50	23.12	23.20	23.11		
20	16QAM	100	0	23.29	23.36	23.21		
20	64QAM	1	0	23.43	23.51	23.42		
20	64QAM	1	49	23.36	23.45	23.40	24.4	1
20	64QAM	1	99	23.36	23.40	23.29		
20	64QAM	50	0	22.14	22.27	22.13		
20	64QAM	50	24	22.14	22.17	22.10	23.4	2
20	64QAM	50	50	22.09	22.22	22.16		
20	64QAM	100	0	22.20	22.30	22.16		
20	256QAM	1	0	19.31	19.43	19.29		
20	256QAM	1	49	19.34	19.39	19.32	20.4	5
20	256QAM	1	99	19.16	19.31	19.17		
20	256QAM	50	0	19.29	19.32	19.22		
20	256QAM	50	24	19.09	19.23	19.11	20.4	5
20	256QAM	50	50	19.11	19.20	19.16		
20	256QAM	100	0	19.13	19.27	19.18		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	24.30	24.35	24.15	25.4	0
15	QPSK	1	37	24.15	24.11	24.07		
15	QPSK	1	74	24.17	24.24	24.21		
15	QPSK	36	0	24.21	24.26	24.18		
15	QPSK	36	20	24.15	24.17	24.14	25.4	0
15	QPSK	36	39	24.25	24.30	24.10		
15	QPSK	75	0	24.14	24.20	24.08		
15	16QAM	1	0	24.18	24.29	24.17		
15	16QAM	1	37	24.16	24.22	24.18	25.4	0
15	16QAM	1	74	24.06	24.14	24.00		
15	16QAM	36	0	23.20	23.30	23.16		
15	16QAM	36	20	23.07	23.22	23.07	24.4	1
15	16QAM	36	39	23.01	23.09	22.96		
15	16QAM	75	0	23.16	23.32	23.15		
15	64QAM	1	0	23.34	23.41	23.30		
15	64QAM	1	37	23.24	23.30	23.29	24.4	1
15	64QAM	1	74	23.26	23.28	23.14		
15	64QAM	36	0	22.10	22.23	22.06		
15	64QAM	36	20	22.06	22.11	22.04	23.4	2
15	64QAM	36	39	22.06	22.16	22.10		
15	64QAM	75	0	22.06	22.26	22.05		
15	256QAM	1	0	19.25	19.39	19.24		
15	256QAM	1	37	19.30	19.34	19.18	20.4	5
15	256QAM	1	74	19.07	19.26	19.07		
15	256QAM	36	0	19.17	19.28	19.08		
15	256QAM	36	20	19.03	19.17	19.01	20.4	5
15	256QAM	36	39	19.03	19.07	19.11		
15	256QAM	75	0	18.98	19.17	19.15		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	24.28	24.27	24.17	25.4	0
10	QPSK	1	25	24.12	24.19	24.13		
10	QPSK	1	49	24.07	24.22	24.24		
10	QPSK	25	0	24.30	24.25	24.23		
10	QPSK	25	12	24.13	24.20	24.10	25.4	0
10	QPSK	25	25	24.21	24.25	24.15		
10	QPSK	50	0	24.18	24.25	24.07		
10	16QAM	1	0	24.10	24.31	24.16		
10	16QAM	1	25	24.07	24.12	24.12	25.4	0
10	16QAM	1	49	24.09	24.18	24.01		
10	16QAM	25	0	23.21	23.22	23.24		
10	16QAM	25	12	23.00	23.19	23.10	24.4	1
10	16QAM	25	25	23.01	23.06	23.01		
10	16QAM	50	0	23.21	23.21	23.17		
10	64QAM	1	0	23.32	23.39	23.38		
10	64QAM	1	25	23.29	23.32	23.28	24.4	1
10	64QAM	1	49	23.22	23.36	23.24		
10	64QAM	25	0	22.10	22.18	22.01		
10	64QAM	25	12	22.02	22.11	22.00	23.4	2
10	64QAM	25	25	22.03	22.14	22.02		
10	64QAM	50	0	22.07	22.27	22.01		
10	256QAM	1	0	19.24	19.36	19.23		
10	256QAM	1	25	19.26	19.26	19.23	20.4	5
10	256QAM	1	49	19.07	19.18	19.06		
10	256QAM	25	0	19.17	19.25	19.16		
10	256QAM	25	12	18.95	19.15	19.07	20.4	5
10	256QAM	25	25	19.00	19.09	19.12		
10	256QAM	50	0	19.07	19.21	19.13		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	24.21	24.34	24.12	25.4	0
5	QPSK	1	12	24.18	24.16	24.09		
5	QPSK	1	24	24.13	24.30	24.18		
5	QPSK	12	0	24.27	24.24	24.25		
5	QPSK	12	7	24.06	24.18	24.05	25.4	0
5	QPSK	12	13	24.25	24.27	24.09		
5	QPSK	25	0	24.19	24.25	24.08		
5	16QAM	1	0	24.08	24.24	24.18		
5	16QAM	1	12	24.13	24.17	24.16	25.4	0
5	16QAM	1	24	24.07	24.18	23.96		
5	16QAM	12	0	23.14	23.22	23.17		
5	16QAM	12	7	23.06	23.17	23.01	24.4	1
5	16QAM	12	13	22.99	23.13	23.05		
5	16QAM	25	0	23.14	23.32	23.13		
5	64QAM	1	0	23.28	23.46	23.31		
5	64QAM	1	12	23.27	23.36	23.29	24.4	1
5	64QAM	1	24	23.22	23.33	23.15		
5	64QAM	12	0	22.11	22.20	22.09		
5	64QAM	12	7	22.02	22.05	22.07	23.4	2
5	64QAM	12	13	22.00	22.18	22.01		
5	64QAM	25	0	22.16	22.18	22.08		
5	256QAM	1	0	19.17	19.37	19.25		
5	256QAM	1	12	19.29	19.27	19.27	20.4	5
5	256QAM	1	24	19.12	19.22	19.07		
5	256QAM	12	0	19.21	19.29	19.09		
5	256QAM	12	7	19.02	19.14	19.02	20.4	5
5	256QAM	12	13	19.00	19.13	19.13		
5	256QAM	25	0	19.01	19.16	19.10		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	24.22	24.28	24.21	25.4	0
3	QPSK	1	8	24.14	24.20	24.06		
3	QPSK	1	14	24.10	24.21	24.19		
3	QPSK	8	0	24.30	24.26	24.25		
3	QPSK	8	4	24.14	24.23	24.07	25.4	0
3	QPSK	8	7	24.23	24.29	24.07		
3	QPSK	15	0	24.14	24.21	24.11		
3	16QAM	1	0	24.14	24.26	24.19		
3	16QAM	1	8	24.09	24.23	24.09	25.4	0
3	16QAM	1	14	24.02	24.17	23.99		
3	16QAM	8	0	23.14	23.31	23.21		
3	16QAM	8	4	23.04	23.11	23.09	24.4	1
3	16QAM	8	7	23.02	23.14	22.96		
3	16QAM	15	0	23.23	23.32	23.13		
3	64QAM	1	0	23.30	23.46	23.30		
3	64QAM	1	8	23.24	23.39	23.33	24.4	1
3	64QAM	1	14	23.31	23.34	23.25		
3	64QAM	8	0	22.05	22.12	22.00		
3	64QAM	8	4	22.02	22.11	22.01	23.4	2
3	64QAM	8	7	21.99	22.10	22.12		
3	64QAM	15	0	22.06	22.25	22.06		
3	256QAM	1	0	19.25	19.33	19.24		
3	256QAM	1	8	19.23	19.35	19.26	20.4	5
3	256QAM	1	14	19.11	19.26	19.04		
3	256QAM	8	0	19.19	19.27	19.11		
3	256QAM	8	4	19.04	19.15	18.96	20.4	5
3	256QAM	8	7	19.02	19.07	19.11		
3	256QAM	15	0	19.05	19.12	19.11		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	24.29	24.26	24.12	25.4	0
1.4	QPSK	1	3	24.19	24.11	24.12		
1.4	QPSK	1	5	24.07	24.21	24.16		
1.4	QPSK	3	0	24.28	24.30	24.16		
1.4	QPSK	3	1	24.09	24.15	24.06		
1.4	QPSK	3	3	24.25	24.21	24.14		
1.4	QPSK	6	0	24.10	24.27	24.15	25.4	0
1.4	16QAM	1	0	24.09	24.27	24.20	25.4	0
1.4	16QAM	1	3	24.07	24.21	24.14		
1.4	16QAM	1	5	24.00	24.16	23.93		
1.4	16QAM	3	0	24.16	24.20	24.18		
1.4	16QAM	3	1	24.06	24.11	24.01		
1.4	16QAM	3	3	24.09	24.13	24.01		
1.4	16QAM	6	0	23.19	23.22	23.09	24.4	1
1.4	64QAM	1	0	23.34	23.43	23.32	24.4	1
1.4	64QAM	1	3	23.29	23.31	23.25		
1.4	64QAM	1	5	23.25	23.33	23.21		
1.4	64QAM	3	0	23.00	23.15	23.04		
1.4	64QAM	3	1	23.04	23.11	22.95		
1.4	64QAM	3	3	22.99	23.09	23.11		
1.4	64QAM	6	0	22.13	22.20	22.13	23.4	2
1.4	256QAM	1	0	19.28	19.39	19.19	20.4	5
1.4	256QAM	1	3	19.21	19.24	19.28		
1.4	256QAM	1	5	19.04	19.16	19.04		
1.4	256QAM	3	0	19.18	19.28	19.18		
1.4	256QAM	3	1	19.05	19.16	19.07		
1.4	256QAM	3	3	19.03	19.14	19.13		
1.4	256QAM	6	0	19.04	19.22	19.04	20.4	5

Band 7 Ant6 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	24.54	24.67	24.60	25.7	0
20	QPSK	1	49	24.56	24.63	24.51		
20	QPSK	1	99	24.56	24.60	24.47		
20	QPSK	50	0	24.63	24.66	24.56		
20	QPSK	50	24	24.42	24.51	24.41	25.7	0
20	QPSK	50	50	24.47	24.59	24.53		
20	QPSK	100	0	24.57	24.62	24.52		
20	16QAM	1	0	24.38	24.51	24.39		
20	16QAM	1	49	24.34	24.46	24.32	25.7	0
20	16QAM	1	99	24.30	24.37	24.34		
20	16QAM	50	0	23.62	23.66	23.50		
20	16QAM	50	24	23.49	23.57	23.54	24.7	1
20	16QAM	50	50	23.50	23.54	23.46		
20	16QAM	100	0	23.64	23.68	23.58		
20	64QAM	1	0	23.47	23.58	23.47		
20	64QAM	1	49	23.34	23.47	23.39	24.7	1
20	64QAM	1	99	23.42	23.51	23.39		
20	64QAM	50	0	22.47	22.61	22.48		
20	64QAM	50	24	22.49	22.57	22.44	23.7	2
20	64QAM	50	50	22.38	22.49	22.45		
20	64QAM	100	0	22.60	22.65	22.61		
20	256QAM	1	0	19.56	19.63	19.52		
20	256QAM	1	49	19.39	19.51	19.42	20.7	5
20	256QAM	1	99	19.48	19.60	19.55		
20	256QAM	50	0	19.54	19.66	19.56		
20	256QAM	50	24	19.55	19.62	19.59	20.7	5
20	256QAM	50	50	19.52	19.62	19.56		
20	256QAM	100	0	19.51	19.62	19.50		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	24.47	24.53	24.55	25.7	0
15	QPSK	1	37	24.52	24.58	24.38		
15	QPSK	1	74	24.40	24.47	24.39		
15	QPSK	36	0	24.57	24.53	24.48		
15	QPSK	36	20	24.33	24.40	24.38	25.7	0
15	QPSK	36	39	24.35	24.48	24.40		
15	QPSK	75	0	24.51	24.54	24.40		
15	16QAM	1	0	24.26	24.43	24.34		
15	16QAM	1	37	24.28	24.37	24.19	25.7	0
15	16QAM	1	74	24.24	24.30	24.21		
15	16QAM	36	0	23.49	23.57	23.42		
15	16QAM	36	20	23.35	23.42	23.50	24.7	1
15	16QAM	36	39	23.42	23.41	23.43		
15	16QAM	75	0	23.56	23.63	23.50		
15	64QAM	1	0	23.40	23.43	23.34		
15	64QAM	1	37	23.30	23.40	23.25	24.7	1
15	64QAM	1	74	23.29	23.41	23.27		
15	64QAM	36	0	22.35	22.48	22.44		
15	64QAM	36	20	22.41	22.42	22.41	23.7	2
15	64QAM	36	39	22.34	22.39	22.33		
15	64QAM	75	0	22.54	22.57	22.47		
15	256QAM	1	0	19.41	19.48	19.45		
15	256QAM	1	37	19.32	19.37	19.38	20.7	5
15	256QAM	1	74	19.41	19.47	19.52		
15	256QAM	36	0	19.43	19.60	19.45		
15	256QAM	36	20	19.44	19.48	19.53	20.7	5
15	256QAM	36	39	19.45	19.58	19.51		
15	256QAM	75	0	19.38	19.56	19.43		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	24.46	24.61	24.51	25.7	0
10	QPSK	1	25	24.44	24.55	24.38		
10	QPSK	1	49	24.36	24.47	24.35		
10	QPSK	25	0	24.56	24.54	24.47		
10	QPSK	25	12	24.31	24.42	24.26	25.7	0
10	QPSK	25	25	24.34	24.46	24.40		
10	QPSK	50	0	24.48	24.57	24.43		
10	16QAM	1	0	24.25	24.36	24.34		
10	16QAM	1	25	24.26	24.31	24.18	25.7	0
10	16QAM	1	49	24.26	24.32	24.19		
10	16QAM	25	0	23.52	23.60	23.37		
10	16QAM	25	12	23.40	23.49	23.47	24.7	1
10	16QAM	25	25	23.37	23.50	23.39		
10	16QAM	50	0	23.55	23.61	23.51		
10	64QAM	1	0	23.37	23.41	23.41		
10	64QAM	1	25	23.30	23.33	23.26	24.7	1
10	64QAM	1	49	23.32	23.43	23.30		
10	64QAM	25	0	22.35	22.55	22.37		
10	64QAM	25	12	22.37	22.46	22.39	23.7	2
10	64QAM	25	25	22.30	22.45	22.30		
10	64QAM	50	0	22.52	22.57	22.53		
10	256QAM	1	0	19.43	19.60	19.38		
10	256QAM	1	25	19.29	19.48	19.36	20.7	5
10	256QAM	1	49	19.36	19.47	19.49		
10	256QAM	25	0	19.47	19.62	19.46		
10	256QAM	25	12	19.48	19.58	19.48	20.7	5
10	256QAM	25	25	19.47	19.55	19.45		
10	256QAM	50	0	19.40	19.53	19.36		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	24.40	24.62	24.52	25.7	0
5	QPSK	1	12	24.52	24.53	24.41		
5	QPSK	1	24	24.40	24.49	24.44		
5	QPSK	12	0	24.57	24.60	24.47		
5	QPSK	12	7	24.33	24.47	24.34	25.7	0
5	QPSK	12	13	24.43	24.55	24.47		
5	QPSK	25	0	24.44	24.59	24.49		
5	16QAM	1	0	24.24	24.37	24.26		
5	16QAM	1	12	24.25	24.36	24.22	25.7	0
5	16QAM	1	24	24.25	24.23	24.24		
5	16QAM	12	0	23.50	23.55	23.39		
5	16QAM	12	7	23.35	23.44	23.44	24.7	1
5	16QAM	12	13	23.41	23.41	23.37		
5	16QAM	25	0	23.58	23.63	23.55		
5	64QAM	1	0	23.34	23.46	23.34		
5	64QAM	1	12	23.19	23.35	23.27	24.7	1
5	64QAM	1	24	23.33	23.46	23.33		
5	64QAM	12	0	22.35	22.52	22.34		
5	64QAM	12	7	22.42	22.45	22.40	23.7	2
5	64QAM	12	13	22.31	22.42	22.41		
5	64QAM	25	0	22.53	22.56	22.56		
5	256QAM	1	0	19.52	19.49	19.42		
5	256QAM	1	12	19.26	19.43	19.30	20.7	5
5	256QAM	1	24	19.33	19.53	19.47		
5	256QAM	12	0	19.44	19.60	19.45		
5	256QAM	12	7	19.43	19.51	19.49	20.7	5
5	256QAM	12	13	19.47	19.56	19.49		
5	256QAM	25	0	19.40	19.47	19.42		

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BW [MHz]	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	23.44	23.56	23.49	24.7	0
20	QPSK	1	49	23.39	23.50	23.46		
20	QPSK	1	99	23.30	23.45	23.40		
20	QPSK	50	0	23.47	23.53	23.44		
20	QPSK	50	24	23.28	23.40	23.36	24.7	0
20	QPSK	50	50	23.39	23.47	23.36		
20	QPSK	100	0	23.39	23.48	23.44		
20	16QAM	1	0	23.38	23.52	23.40		
20	16QAM	1	49	23.39	23.44	23.32	24.7	0
20	16QAM	1	99	23.38	23.47	23.34		
20	16QAM	50	0	22.34	22.44	22.32		
20	16QAM	50	24	22.34	22.39	22.24	23.7	1
20	16QAM	50	50	22.22	22.34	22.21		
20	16QAM	100	0	22.37	22.47	22.43		
20	64QAM	1	0	22.47	22.56	22.50		
20	64QAM	1	49	22.33	22.47	22.41	23.7	1
20	64QAM	1	99	22.37	22.50	22.46		
20	64QAM	50	0	21.34	21.41	21.37		
20	64QAM	50	24	21.20	21.33	21.21	22.7	2
20	64QAM	50	50	21.30	21.35	21.30		
20	64QAM	100	0	21.35	21.44	21.32		
20	256QAM	1	0	18.48	18.57	18.47		
20	256QAM	1	49	18.37	18.49	18.44	19.7	5
20	256QAM	1	99	18.34	18.42	18.29		
20	256QAM	50	0	18.40	18.49	18.39		
20	256QAM	50	24	18.22	18.36	18.27	19.7	5
20	256QAM	50	50	18.31	18.42	18.31		
20	256QAM	100	0	18.39	18.46	18.39		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	23.37	23.47	23.29	24.7	0
15	QPSK	1	37	23.28	23.36	23.31		
15	QPSK	1	74	23.25	23.38	23.28		
15	QPSK	36	0	23.34	23.39	23.33		
15	QPSK	36	20	23.16	23.32	23.21	24.7	0
15	QPSK	36	39	23.35	23.40	23.21		
15	QPSK	75	0	23.33	23.41	23.39		
15	16QAM	1	0	23.28	23.40	23.36		
15	16QAM	1	37	23.35	23.30	23.27	24.7	0
15	16QAM	1	74	23.26	23.39	23.30		
15	16QAM	36	0	22.25	22.30	22.19		
15	16QAM	36	20	22.26	22.32	22.10	23.7	1
15	16QAM	36	39	22.18	22.20	22.17		
15	16QAM	75	0	22.24	22.43	22.40		
15	64QAM	1	0	22.37	22.43	22.38		
15	64QAM	1	37	22.30	22.43	22.33	23.7	1
15	64QAM	1	74	22.22	22.40	22.43		
15	64QAM	36	0	21.26	21.26	21.34		
15	64QAM	36	20	21.14	21.26	21.08	22.7	2
15	64QAM	36	39	21.26	21.23	21.24		
15	64QAM	75	0	21.31	21.31	21.18		
15	256QAM	1	0	18.35	18.42	18.41		
15	256QAM	1	37	18.25	18.43	18.36	19.7	5
15	256QAM	1	74	18.24	18.37	18.20		
15	256QAM	36	0	18.27	18.41	18.33		
15	256QAM	36	20	18.14	18.25	18.15	19.7	5
15	256QAM	36	39	18.26	18.30	18.17		
15	256QAM	75	0	18.35	18.43	18.31		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	23.36	23.49	23.29	24.7	0
10	QPSK	1	25	23.35	23.40	23.42		
10	QPSK	1	49	23.20	23.41	23.36		
10	QPSK	25	0	23.39	23.41	23.40		
10	QPSK	25	12	23.24	23.33	23.21	24.7	0
10	QPSK	25	25	23.26	23.39	23.28		
10	QPSK	50	0	23.24	23.43	23.30		
10	16QAM	1	0	23.35	23.41	23.30		
10	16QAM	1	25	23.34	23.35	23.21	24.7	0
10	16QAM	1	49	23.27	23.42	23.21		
10	16QAM	25	0	22.28	22.38	22.19	

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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				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	24.58	24.64	24.47	25.7	0
20	QPSK	1	49	24.40	24.55	24.43		
20	QPSK	1	99	24.36	24.49	24.42		
20	QPSK	50	0	24.59	24.63	24.50	25.7	0
20	QPSK	50	24	24.47	24.61	24.58		
20	QPSK	50	50	24.40	24.49	24.36		
20	QPSK	100	0	24.51	24.60	24.47		
20	16QAM	1	0	24.52	24.58	24.48	25.7	0
20	16QAM	1	49	24.36	24.45	24.41		
20	16QAM	1	99	24.37	24.46	24.39		
20	16QAM	50	0	23.58	23.65	23.52	24.7	1
20	16QAM	50	24	23.42	23.57	23.53		
20	16QAM	50	50	23.52	23.58	23.53		
20	16QAM	100	0	23.54	23.59	23.48		
20	64QAM	1	0	23.48	23.60	23.55	24.7	1
20	64QAM	1	49	23.46	23.49	23.44		
20	64QAM	1	99	23.39	23.50	23.39		
20	64QAM	50	0	22.50	22.62	22.56	23.7	2
20	64QAM	50	24	22.46	22.52	22.40		
20	64QAM	50	50	22.44	22.59	22.47		
20	64QAM	100	0	22.51	22.56	22.46		
20	256QAM	1	0	19.58	19.65	19.57	20.7	5
20	256QAM	1	49	19.40	19.53	19.45		
20	256QAM	1	99	19.47	19.56	19.46		
20	256QAM	50	0	19.53	19.57	19.51	20.7	5
20	256QAM	50	24	19.34	19.47	19.35		
20	256QAM	50	50	19.41	19.54	19.41		
20	256QAM	100	0	19.48	19.52	19.44		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	24.44	24.51	24.39	25.7	0
15	QPSK	1	37	24.28	24.44	24.40		
15	QPSK	1	74	24.24	24.36	24.33		
15	QPSK	36	0	24.48	24.48	24.38	25.7	0
15	QPSK	36	20	24.37	24.57	24.46		
15	QPSK	36	39	24.35	24.35	24.24		
15	QPSK	75	0	24.41	24.53	24.32		
15	16QAM	1	0	24.44	24.47	24.37	25.7	0
15	16QAM	1	37	24.29	24.35	24.38		
15	16QAM	1	74	24.34	24.34	24.28		
15	16QAM	36	0	23.54	23.62	23.44	24.7	1
15	16QAM	36	20	23.33	23.43	23.50		
15	16QAM	36	39	23.44	23.51	23.48		
15	16QAM	75	0	23.42	23.47	23.43		
15	64QAM	1	0	23.38	23.55	23.47	24.7	1
15	64QAM	1	37	23.36	23.45	23.33		
15	64QAM	1	74	23.35	23.44	23.33		
15	64QAM	36	0	22.39	22.53	22.51	23.7	2
15	64QAM	36	20	22.43	22.48	22.36		
15	64QAM	36	39	22.35	22.52	22.33		
15	64QAM	75	0	22.45	22.48	22.39		
15	256QAM	1	0	19.50	19.56	19.45	20.7	5
15	256QAM	1	37	19.27	19.48	19.40		
15	256QAM	1	74	19.42	19.49	19.42		
15	256QAM	36	0	19.45	19.48	19.42	20.7	5
15	256QAM	36	20	19.30	19.35	19.20		
15	256QAM	36	39	19.28	19.50	19.36		
15	256QAM	75	0	19.33	19.48	19.39		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	24.45	24.50	24.38	25.7	0
10	QPSK	1	25	24.34	24.43	24.32		
10	QPSK	1	49	24.29	24.40	24.38		
10	QPSK	25	0	24.54	24.49	24.36	25.7	0
10	QPSK	25	12	24.34	24.57	24.43		
10	QPSK	25	25	24.36	24.41	24.30		
10	QPSK	50	0	24.46	24.45	24.40		
10	16QAM	1	0	24.46	24.48	24.44	25.7	0
10	16QAM	1	25	24.26	24.36	24.29		
10	16QAM	1	49	24.26	24.36	24.31		
10	16QAM	25	0	23.50	23.56	23.41	24.7	1
10	16QAM	25	12	23.38	23.53	23.48		
10	16QAM	25	25	23.42	23.45	23.49		
10	16QAM	50	0	23.40	23.46	23.36		
10	64QAM	1	0	23.43	23.49	23.46	24.7	1
10	64QAM	1	25	23.42	23.43	23.36		
10	64QAM	1	49	23.35	23.44	23.33		
10	64QAM	25	0	22.37	22.59	22.52	23.7	2
10	64QAM	25	12	22.31	22.38	22.30		
10	64QAM	25	25	22.32	22.53	22.34		
10	64QAM	50	0	22.39	22.48	22.42		
10	256QAM	1	0	19.45	19.57	19.51	20.7	5
10	256QAM	1	25	19.32	19.44	19.39		
10	256QAM	1	49	19.32	19.43	19.36		
10	256QAM	25	0	19.46	19.43	19.47	20.7	5
10	256QAM	25	12	19.20	19.44	19.29		
10	256QAM	25	25	19.34	19.40	19.33		
10	256QAM	50	0	19.35	19.45	19.38		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	24.43	24.53	24.44	25.7	0
5	QPSK	1	12	24.27	24.44	24.34		
5	QPSK	1	24	24.23	24.45	24.38		
5	QPSK	12	0	24.45	24.58	24.41	25.7	0
5	QPSK	12	7	24.37	24.50	24.52		
5	QPSK	12	13	24.26	24.38	24.31		
5	QPSK	25	0	24.44	24.51	24.41		
5	16QAM	1	0	24.47	24.52	24.39	25.7	0
5	16QAM	1	12	24.30	24.35	24.34		
5	16QAM	1	24	24.22	24.35	24.26		
5	16QAM	12	0	23.48	23.52	23.37	24.7	1
5	16QAM	12	7	23.39	23.43	23.44		
5	16QAM	12	13	23.38	23.50	23.50		
5	16QAM	25	0	23.40	23.45	23.36		
5	64QAM	1	0	23.34	23.50	23.42	24.7	1
5	64QAM	1	12	23.32	23.41	23.30		
5	64QAM	1	24	23.33	23.37	23.29		
5	64QAM	12	0	22.36	22.51	22.42	23.7	2
5	64QAM	12	7	22.42	22.46	22.35		
5	64QAM	12	13	22.31	22.45	22.33		
5	64QAM	25	0	22.47	22.46	22.31		
5	256QAM	1	0	19.54	19.52	19.47	20.7	5
5	256QAM	1	12	19.28	19.48	19.35		
5	256QAM	1	24	19.42	19.42	19.31		
5	256QAM	12	0	19.40	19.47	19.43	20.7	5
5	256QAM	12	7	19.24	19.41	19.22		
5	256QAM	12	13	19.34	19.39	19.30		
5	256QAM	25	0	19.40	19.37	19.36		

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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	24.60	24.55	24.67	24.46	24.58	25.7	0
20	QPSK	1	49	24.45	24.42	24.51	24.40	24.42		
20	QPSK	1	99	24.39	24.43	24.46	24.35	24.34		
20	QPSK	50	0	24.43	24.45	24.58	24.51	24.46	25.7	0
20	QPSK	50	24	24.50	24.43	24.54	24.42	24.40		
20	QPSK	50	50	24.43	24.42	24.47	24.41	24.39		
20	QPSK	100	0	24.50	24.49	24.59	24.55	24.56		
20	16QAM	1	0	24.42	24.36	24.47	24.44	24.41	25.7	0
20	16QAM	1	49	24.22	24.28	24.36	24.29	24.37		
20	16QAM	1	99	24.31	24.32	24.41	24.27	24.26		
20	16QAM	50	0	23.47	23.48	23.58	23.54	23.54	24.7	1
20	16QAM	50	24	23.42	23.32	23.45	23.43	23.46		
20	16QAM	50	50	23.33	23.35	23.48	23.39	23.46		
20	16QAM	100	0	23.46	23.43	23.54	23.44	23.50		
20	64QAM	1	0	23.56	23.60	23.68	23.57	23.54	24.7	1
20	64QAM	1	49	23.41	23.41	23.54	23.48	23.40		
20	64QAM	1	99	23.56	23.42	23.57	23.58	23.58		
20	64QAM	50	0	22.50	22.46	22.55	22.48	22.50	23.7	2
20	64QAM	50	24	22.27	22.42	22.50	22.35	22.46		
20	64QAM	50	50	22.39	22.35	22.40	22.36	22.33		
20	64QAM	100	0	22.40	22.41	22.53	22.40	22.49		
20	256QAM	1	0	19.45	19.42	19.56	19.47	19.43	20.7	5
20	256QAM	1	49	19.37	19.33	19.44	19.36	19.36		
20	256QAM	1	99	19.46	19.39	19.50	19.35	19.40		
20	256QAM	50	0	19.46	19.43	19.53	19.44	19.46	20.7	5
20	256QAM	50	24	19.43	19.38	19.43	19.34	19.41		
20	256QAM	50	50	19.38	19.34	19.45	19.37	19.39		
20	256QAM	100	0	19.47	19.41	19.50	19.36	19.40		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	24.46	24.48	24.54	24.36	24.47	25.70	0
15	QPSK	1	37	24.38	24.38	24.41	24.31	24.38		
15	QPSK	1	74	24.33	24.28	24.36	24.21	24.27		
15	QPSK	36	0	24.37	24.39	24.44	24.48	24.38	25.7	0
15	QPSK	36	20	24.36	24.29	24.45	24.28	24.32		
15	QPSK	36	39	24.32	24.34	24.33	24.37	24.30		
15	QPSK	75	0	24.38	24.39	24.56	24.45	24.41		
15	16QAM	1	0	24.29	24.23	24.33	24.38	24.37	25.7	0
15	16QAM	1	37	24.10	24.22	24.32	24.20	24.26		
15	16QAM	1	74	24.21	24.27	24.29	24.15	24.16		
15	16QAM	36	0	23.44	23.41	23.47	23.41	23.39	24.7	1
15	16QAM	36	20	23.35	23.18	23.32	23.32	23.39		
15	16QAM	36	39	23.29	23.21	23.39	23.35	23.40		
15	16QAM	75	0	23.41	23.36	23.40	23.39	23.44		
15	64QAM	1	0	23.49	23.54	23.57	23.43	23.39	24.7	1
15	64QAM	1	37	23.31	23.30	23.44	23.44	23.26		
15	64QAM	1	74	23.42	23.33	23.43	23.53	23.47		
15	64QAM	36	0	22.36	22.42	22.41	22.39	22.47	23.7	2
15	64QAM	36	20	22.19	22.33	22.43	22.23	22.34		
15	64QAM	36	39	22.36	22.27	22.28	22.25	22.28		
15	64QAM	75	0	22.26	22.34	22.40	22.31	22.36		
15	256QAM	1	0	19.38	19.37	19.50	19.35	19.39	20.7	5
15	256QAM	1	37	19.28	19.29	19.38	19.27	19.24		
15	256QAM	1	74	19.37	19.33	19.45	19.23	19.27		
15	256QAM	36	0	19.41	19.37	19.40	19.32	19.35	20.7	5
15	256QAM	36	20	19.30	19.30	19.32	19.21	19.36		
15	256QAM	36	39	19.28	19.30	19.35	19.31	19.26		
15	256QAM	75	0	19.42	19.27	19.43	19.24	19.27		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	24.54	24.51	24.56	24.40	24.47	25.70	0
10	QPSK	1	25	24.35	24.30	24.39	24.29	24.34		
10	QPSK	1	49	24.24	24.28	24.34	24.29	24.26		
10	QPSK	25	0	24.35	24.38	24.52	24.46	24.37	25.7	0
10	QPSK	25	12	24.45	24.31	24.44	24.37	24.30		
10	QPSK	25	25	24.40	24.33	24.36	24.34	24.28		
10	QPSK	50	0	24.43	24.46	24.52	24.42	24.49		
10	16QAM	1	0	24.30	24.32	24.41	24.35	24.34	25.7	0
10	16QAM	1	25	24.10	24.19	24.31	24.20	24.25		
10	16QAM	1	49	24.26	24.23	24.33	24.13	24.16		
10	16QAM	25	0	23.33	23.40	23.51	23.43	23.45	24.7	1
10	16QAM	25	12	23.33	23.28	23.31	23.33	23.41		
10	16QAM	25	25	23.24	23.28	23.38	23.30	23.35		
10	16QAM	50	0	23.34	23.37	23.47	23.37	23.44		
10	64QAM	1	0	23.44	23.55	23.54	23.54	23.46	24.7	1
10	64QAM	1	25	23.32	23.30	23.51	23.44	23.32		
10	64QAM	1	49	23.41	23.33	23.51	23.48	23.55		
10	64QAM	25	0	22.38	22.36	22.42	22.42	22.46	23.7	2
10	64QAM	25	12	22.24	22.37	22.45	22.31	22.41		
10	64QAM	25	25	22.29	22.26	22.37	22.32	22.24		
10	64QAM	50	0	22.32	22.32	22.47	22.28	22.45		
10	256QAM	1	0	19.30	19.36	19.52	19.32	19.40	20.7	5
10	256QAM	1	25	19.31	19.24	19.40	19.30	19.26		
10	256QAM	1	49	19.32	19.29	19.43	19.30	19.37		
10	256QAM	25	0	19.33	19.39	19.44	19.36	19.42	20.7	5
10	256QAM	25	12	19.36	19.33	19.29	19.25	19.34		
10	256QAM	25	25	19.28	19.30	19.32	19.23	19.24		
10	256QAM	50	0	19.35	19.35	19.44	19.30	19.28		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	24.56	24.44	24.63	24.33	24.45	25.70	0
5	QPSK	1	12	24.37	24.30	24.44	24.26	24.32		
5	QPSK	1	24	24.33	24.32	24.34	24.30	24.24		
5	QPSK	12	0	24.38	24.34	24.47	24.38	24.39	25.7	0
5	QPSK	12	7	24.42	24.38	24.50	24.35	24.36		
5	QPSK	12	13	24.37	24.35	24.43	24.32	24.30		
5	QPSK	25	0	24.44	24.41	24.50	24.48	24.51		
5	16QAM	1	0	24.35	24.21	24.32	24.36	24.33	25.7	0
5	16QAM	1	12	24.14	24.17	24.24	24.16	24.25		
5	16QAM	1	24	24.22	24.25	24.34	24.22	24.19		
5	16QAM	12	0	23.40	23.44	23.49	23.48	23.46	24.7	1
5	16QAM	12	7	23.31	23.18	23.42	23.36	23.42		
5	16QAM	12	13	23.26	23.21	23.39	23.31	23.40		
5	16QAM	25	0	23.41	23.34	23.43	23.34	23.40		
5	64QAM	1	0	23.48	23.46	23.64	23.48	23.46	24.7	1
5	64QAM	1	12	23.31	23.27	23.45	23.42	23.33		
5	64QAM	1	24	23.49	23.38	23.50	23.51	23.46		
5	64QAM	12	0	22.41	22.34	22.51	22.44	22.39	23.7	2
5	64QAM	12	7	22.17	22.39	22.44	22.30	22.42		
5	64QAM	12	13	22.32	22.29	22.25	22.26	22.28		
5	64QAM	25	0	22.25	22.37	22.45	22.34	22.45		
5	256QAM	1	0	19.31	19.31	19.41	19.40	19.35	20.7	5
5	256QAM	1	12	19.26	19.26	19.36	19.25	19.24		
5	256QAM	1	24	19.32	19.26	19.39	19.23	19.37		
5	256QAM	12	0	19.41	19.40	19.49	19.40	19.35	20.7	5
5	256QAM	12	7	19.28	19.30	19.34	19.21	19.26		
5	256QAM	12	13	19.35	19.22	19.37	19.27	19.29		
5	256QAM	25	0	19.38	19.29	19.37	19.26	19.29		

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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				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	24.81	25.07	25.02	25.7	0
20	QPSK	1	49	24.82	24.94	24.90		
20	QPSK	1	99	24.80	24.90	24.87		
20	QPSK	50	0	24.71	24.86	24.81	25.7	0
20	QPSK	50	24	24.75	24.81	24.75		
20	QPSK	50	50	24.77	24.83	24.72		
20	QPSK	100	0	24.71	24.80	24.77		
20	16QAM	1	0	24.64	24.75	24.66	25.7	0
20	16QAM	1	49	24.47	24.61	24.54		
20	16QAM	1	99	24.58	24.68	24.54		
20	16QAM	50	0	23.78	23.84	23.75	24.7	1
20	16QAM	50	24	23.58	23.70	23.64		
20	16QAM	50	50	23.59	23.69	23.58		
20	16QAM	100	0	23.75	23.82	23.70		
20	64QAM	1	0	23.79	23.85	23.76	24.7	1
20	64QAM	1	49	23.69	23.74	23.64		
20	64QAM	1	99	23.69	23.78	23.75		
20	64QAM	50	0	22.77	22.80	22.68	23.7	2
20	64QAM	50	24	22.60	22.66	22.61		
20	64QAM	50	50	22.54	22.67	22.60		
20	64QAM	100	0	22.67	22.81	22.68		
20	256QAM	1	0	19.90	20.03	19.88	20.7	5
20	256QAM	1	49	19.84	19.94	19.80		
20	256QAM	1	99	19.84	19.88	19.85		
20	256QAM	50	0	20.04	20.07	20.00	20.7	5
20	256QAM	50	24	19.95	20.02	19.90		
20	256QAM	50	50	19.90	20.01	19.93		
20	256QAM	100	0	19.95	20.10	20.04		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	24.74	24.93	24.97	25.7	0
15	QPSK	1	37	24.71	24.83	24.80		
15	QPSK	1	74	24.69	24.78	24.75		
15	QPSK	36	0	23.95	24.06	24.00	25.7	0
15	QPSK	36	20	23.98	24.08	23.97		
15	QPSK	36	39	24.00	24.03	23.94		
15	QPSK	75	0	23.96	24.00	24.02		
15	16QAM	1	0	23.83	23.93	23.81	25.7	0
15	16QAM	1	37	23.73	23.80	23.76		
15	16QAM	1	74	23.79	23.94	23.72		
15	16QAM	36	0	22.99	22.99	22.93	24.7	1
15	16QAM	36	20	22.80	22.97	22.87		
15	16QAM	36	39	22.83	22.91	22.77		
15	16QAM	75	0	22.97	23.01	22.91		
15	64QAM	1	0	22.98	23.04	23.00	24.7	1
15	64QAM	1	37	22.89	22.89	22.90		
15	64QAM	1	74	22.92	23.05	23.01		
15	64QAM	36	0	22.03	22.05	21.84	23.7	2
15	64QAM	36	20	21.76	21.82	21.83		
15	64QAM	36	39	21.75	21.85	21.78		
15	64QAM	75	0	21.91	22.04	21.88		
15	256QAM	1	0	19.82	19.96	19.74	20.7	5
15	256QAM	1	37	19.76	19.82	19.67		
15	256QAM	1	74	19.75	19.84	19.70		
15	256QAM	36	0	19.97	20.02	19.93	20.7	5
15	256QAM	36	20	19.92	19.87	19.86		
15	256QAM	36	39	19.76	19.86	19.87		
15	256QAM	75	0	19.82	20.01	19.91		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	24.74	24.95	24.89	25.7	0
10	QPSK	1	25	24.78	24.84	24.86		
10	QPSK	1	49	24.66	24.80	24.79		
10	QPSK	25	0	23.95	24.11	24.05	25.7	0
10	QPSK	25	12	24.01	24.02	24.00		
10	QPSK	25	25	24.04	24.04	23.92		
10	QPSK	50	0	23.94	24.06	23.96		
10	16QAM	1	0	23.80	23.74	23.87	25.7	0
10	16QAM	1	25	23.77	23.81	23.74		
10	16QAM	1	49	23.79	23.93	23.80		
10	16QAM	25	0	23.01	23.05	23.00	24.7	1
10	16QAM	25	12	22.83	22.92	22.84		
10	16QAM	25	25	22.75	22.91	22.76		
10	16QAM	50	0	22.93	23.00	22.93		
10	64QAM	1	0	23.03	23.09	22.96	24.7	1
10	64QAM	1	25	22.91	22.93	22.86		
10	64QAM	1	49	22.91	23.05	22.95		
10	64QAM	25	0	22.03	21.99	21.87	23.7	2
10	64QAM	25	12	21.78	21.90	21.82		
10	64QAM	25	25	21.70	21.87	21.81		
10	64QAM	50	0	21.88	21.98	21.93		
10	256QAM	1	0	19.85	19.96	19.82	20.7	5
10	256QAM	1	25	19.76	19.83	19.69		
10	256QAM	1	49	19.72	19.75	19.72		
10	256QAM	25	0	19.97	19.99	19.92	20.7	5
10	256QAM	25	12	19.88	19.89	19.77		
10	256QAM	25	25	19.85	19.94	19.88		
10	256QAM	50	0	19.87	19.99	19.95		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	24.67	24.97	24.93	25.7	0
5	QPSK	1	12	24.70	24.86	24.82		
5	QPSK	1	24	24.68	24.76	24.77		
5	QPSK	12	0	23.92	24.05	24.04	25.7	0
5	QPSK	12	7	24.02	23.97	23.92		
5	QPSK	12	13	23.94	24.04	23.91		
5	QPSK	25	0	23.95	23.99	23.96		
5	16QAM	1	0	23.90	24.01	23.81	25.7	0
5	16QAM	1	12	23.72	23.85	23.72		
5	16QAM	1	24	23.80	23.91	23.80		
5	16QAM	12	0	22.95	23.05	22.99	24.7	1
5	16QAM	12	7	22.80	22.92	22.88		
5	16QAM	12	13	22.76	22.84	22.76		
5	16QAM	25	0	22.99	23.01	22.88		
5	64QAM	1	0	23.02	23.00	22.98	24.7	1
5	64QAM	1	12	22.88	22.99	22.91		
5	64QAM	1	24	22.84	22.98	22.90		
5	64QAM	12	0	21.97	21.96	21.85	23.7	2
5	64QAM	12	7	21.84	21.82	21.86		
5	64QAM	12	13	21.77	21.87	21.79		
5	64QAM	25	0	21.88	22.03	21.93		
5	256QAM	1	0	19.76	19.90	19.74	20.7	5
5	256QAM	1	12	19.75	19.81	19.70		
5	256QAM	1	24	19.81	19.82	19.71		
5	256QAM	12	0	19.94	19.99	19.90	20.7	5
5	256QAM	12	7	19.88	19.92	19.75		
5	256QAM	12	13	19.79	19.91	19.80		
5	256QAM	25	0	19.87	20.00	19.91		

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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	23.42	23.66	23.62	23.57	24.1	0
20	QPSK	1	49	23.38	23.51	23.46	23.48		
20	QPSK	1	99	23.39	23.48	23.34	23.44		
20	QPSK	50	0	23.53	23.61	23.51	23.54	24.1	0
20	QPSK	50	24	23.39	23.44	23.34	23.32		
20	QPSK	50	50	23.38	23.53	23.40	23.44		
20	QPSK	100	0	23.43	23.58	23.55	23.54		
20	16QAM	1	0	23.49	23.62	23.50	23.48	24.1	0
20	16QAM	1	49	23.43	23.58	23.47	23.48		
20	16QAM	1	99	23.54	23.57	23.44	23.32		
20	16QAM	50	0	22.65	22.70	22.67	22.57	23.1	1
20	16QAM	50	24	22.48	22.62	22.58	22.45		
20	16QAM	50	50	22.46	22.61	22.60	22.59		
20	16QAM	100	0	22.48	22.61	22.50	22.53		
20	64QAM	1	0	22.50	22.62	22.57	22.49	23.1	1
20	64QAM	1	49	22.52	22.58	22.42	22.54		
20	64QAM	1	99	22.53	22.57	22.35	22.48		
20	64QAM	50	0	21.59	21.68	21.57	21.57	22.1	2
20	64QAM	50	24	21.54	21.61	21.55	21.53		
20	64QAM	50	50	21.52	21.61	21.59	21.46		
20	64QAM	100	0	21.58	21.63	21.56	21.56		
20	256QAM	1	0	18.65	18.68	18.56	18.54	19.1	5
20	256QAM	1	49	18.41	18.55	18.48	18.50		
20	256QAM	1	99	18.41	18.54	18.56	18.51		
20	256QAM	50	0	18.56	18.71	18.66	18.61	19.1	5
20	256QAM	50	24	18.59	18.64	18.57	18.49		
20	256QAM	50	50	18.44	18.59	18.51	18.55		
20	256QAM	100	0	18.57	18.69	18.61	18.63		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	23.32	23.53	23.54	23.43	24.1	0
15	QPSK	1	37	23.27	23.47	23.37	23.43		
15	QPSK	1	74	23.25	23.44	23.23	23.32		
15	QPSK	36	0	23.45	23.51	23.47	23.48	24.1	0
15	QPSK	36	20	23.32	23.31	23.26	23.20		
15	QPSK	36	39	23.32	23.47	23.33	23.34		
15	QPSK	75	0	23.38	23.44	23.49	23.51		
15	16QAM	1	0	23.43	23.51	23.45	23.35	24.1	0
15	16QAM	1	37	23.33	23.46	23.40	23.34		
15	16QAM	1	74	23.46	23.51	23.37	23.18		
15	16QAM	36	0	22.60	22.66	22.56	22.51	23.1	1
15	16QAM	36	20	22.34	22.53	22.44	22.34		
15	16QAM	36	39	22.32	22.52	22.47	22.52		
15	16QAM	75	0	22.40	22.54	22.37	22.48		
15	64QAM	1	0	22.39	22.54	22.54	22.38	23.1	1
15	64QAM	1	37	22.48	22.49	22.30	22.47		
15	64QAM	1	74	22.44	22.54	22.28	22.36		
15	64QAM	36	0	21.53	21.54	21.45	21.50	22.1	2
15	64QAM	36	20	21.46	21.47	21.41	21.45		
15	64QAM	36	39	21.47	21.51	21.56	21.34		
15	64QAM	75	0	21.52	21.56	21.44	21.51		
15	256QAM	1	0	18.52	18.54	18.51	18.44	19.1	5
15	256QAM	1	37	18.27	18.40	18.36	18.39		
15	256QAM	1	74	18.33	18.43	18.50	18.40		
15	256QAM	36	0	18.41	18.66	18.61	18.49	19.1	5
15	256QAM	36	20	18.51	18.58	18.51	18.43		
15	256QAM	36	39	18.31	18.47	18.44	18.52		
15	256QAM	75	0	18.45	18.56	18.55	18.58		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	23.36	23.58	23.58	23.42	24.1	0
10	QPSK	1	25	23.27	23.43	23.37	23.39		
10	QPSK	1	49	23.26	23.41	23.24	23.39		
10	QPSK	25	0	23.42	23.55	23.37	23.44	24.1	0
10	QPSK	25	12	23.36	23.32	23.22	23.29		
10	QPSK	25	25	23.34	23.43	23.27	23.41		
10	QPSK	50	0	23.34	23.47	23.46	23.43		
10	16QAM	1	0	23.43	23.51	23.44	23.34	24.1	0
10	16QAM	1	25	23.30	23.53	23.42	23.44		
10	16QAM	1	49	23.49	23.49	23.39	23.22		
10	16QAM	25	0	22.58	22.65	22.58	22.44	23.1	1
10	16QAM	25	12	22.34	22.54	22.54	22.39		
10	16QAM	25	25	22.42	22.46	22.49	22.56		
10	16QAM	50	0	22.43	22.55	22.42	22.48		
10	64QAM	1	0	22.36	22.54	22.46	22.46	23.1	1
10	64QAM	1	25	22.49	22.53	22.30	22.45		
10	64QAM	1	49	22.46	22.52	22.25	22.44		
10	64QAM	25	0	21.50	21.60	21.43	21.49	22.1	2
10	64QAM	25	12	21.50	21.54	21.46	21.50		
10	64QAM	25	25	21.39	21.56	21.45	21.31		
10	64QAM	50	0	21.53	21.49	21.50	21.49		
10	256QAM	1	0	18.55	18.58	18.48	18.41	19.1	5
10	256QAM	1	25	18.35	18.49	18.34	18.43		
10	256QAM	1	49	18.27	18.47	18.47	18.43		
10	256QAM	25	0	18.47	18.60	18.61	18.55	19.1	5
10	256QAM	25	12	18.51	18.53	18.51	18.44		
10	256QAM	25	25	18.31	18.46	18.41	18.44		
10	256QAM	50	0	18.48	18.62	18.49	18.56		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	23.28	23.54	23.48	23.46	24.1	0
5	QPSK	1	12	23.26	23.42	23.38	23.34		
5	QPSK	1	24	23.34	23.44	23.23	23.37		
5	QPSK	12	0	23.41	23.52	23.40	23.43	24.1	0
5	QPSK	12	7	23.30	23.40	23.28	23.21		
5	QPSK	12	13	23.30	23.45	23.36	23.33		
5	QPSK	25	0	23.39	23.52	23.49	23.47		
5	16QAM	1	0	23.41	23.54	23.38	23.34	24.1	0
5	16QAM	1	12	23.35	23.49	23.37	23.35		
5	16QAM	1	24	23.49	23.50	23.37	23.22		
5	16QAM	12	0	22.58	22.62	22.56	22.47	23.1	1
5	16QAM	12	7	22.43	22.48	22.47	22.42		
5	16QAM	12	13	22.33	22.56	22.52	22.51		
5	16QAM	25	0	22.38	22.54	22.43	22.49		
5	64QAM	1	0	22.44	22.53	22.42	22.43	23.1	1
5	64QAM	1	12	22.46	22.48	22.30	22.43		
5	64QAM	1	24	22.39	22.42	22.21	22.41		
5	64QAM	12	0	21.46	21.62	21.54	21.46	22.1	2
5	64QAM	12	7	21.45	21.50	21.46	21.47		
5	64QAM	12	13	21.39	21.49	21.49	21.37		
5	64QAM	25	0	21.45	21.59	21.46	21.44		
5	256QAM	1	0	18.54	18.64	18.46	18.39	19.1	5
5	256QAM	1	12	18.33	18.51	18.37	18.35		
5	256QAM	1	24	18.28	18.42	18.45	18.36		
5	256QAM	12	0	18.48	18.67	18.61	18.53	19.1	5
5	256QAM	12	7	18.50	18.58	18.51	18.39		
5	256QAM	12	13	18.38	18.55	18.39	18.45		
5	256QAM	25	0	18.42	18.61	18.49	18.60		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	24.87	24.97	24.92	25.7	0
20	QPSK	1	49	24.79	24.88	24.80		
20	QPSK	1	99	24.69	24.82	24.70		
20	QPSK	50	0	24.78	24.87	24.73	25.7	0
20	QPSK	50	24	24.70	24.81	24.71		
20	QPSK	50	50	24.74	24.78	24.63		
20	QPSK	100	0	24.71	24.82	24.74		
20	16QAM	1	0	24.67	24.76	24.72	25.7	0
20	16QAM	1	49	24.58	24.62	24.47		
20	16QAM	1	99	24.62	24.67	24.58		
20	16QAM	50	0	23.73	23.83	23.74	24.7	1
20	16QAM	50	24	23.65	23.72	23.58		
20	16QAM	50	50	23.58	23.72	23.59		
20	16QAM	100	0	23.68	23.81	23.72		
20	64QAM	1	0	23.73	23.79	23.68	24.7	1
20	64QAM	1	49	23.59	23.71	23.66		
20	64QAM	1	99	23.66	23.69	23.57		
20	64QAM	50	0	22.75	22.86	22.79	23.7	2
20	64QAM	50	24	22.71	22.78	22.73		
20	64QAM	50	50	22.66	22.80	22.71		
20	64QAM	100	0	22.75	22.82	22.70		
20	256QAM	1	0	19.87	19.95	19.80	20.7	5
20	256QAM	1	49	19.79	19.82	19.74		
20	256QAM	1	99	19.70	19.84	19.76		
20	256QAM	50	0	19.98	20.02	19.90	20.7	5
20	256QAM	50	24	19.90	19.98	19.94		
20	256QAM	50	50	19.78	19.89	19.75		
20	256QAM	100	0	19.96	20.03	19.94		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	24.82	24.84	24.85	25.7	0
15	QPSK	1	37	24.67	24.84	24.76		
15	QPSK	1	74	24.63	24.70	24.57		
15	QPSK	36	0	24.68	24.70	24.69	25.7	0
15	QPSK	36	20	24.66	24.74	24.55		
15	QPSK	36	39	24.66	24.76	24.59		
15	QPSK	75	0	24.70	24.79	24.64		
15	16QAM	1	0	24.58	24.69	24.54	25.7	0
15	16QAM	1	37	24.53	24.55	24.30		
15	16QAM	1	74	24.49	24.65	24.52		
15	16QAM	36	0	23.70	23.69	23.63	24.7	1
15	16QAM	36	20	23.47	23.69	23.42		
15	16QAM	36	39	23.40	23.61	23.47		
15	16QAM	75	0	23.64	23.64	23.61		
15	64QAM	1	0	23.67	23.73	23.65	24.7	1
15	64QAM	1	37	23.56	23.61	23.61		
15	64QAM	1	74	23.50	23.65	23.40		
15	64QAM	36	0	22.57	22.82	22.69	23.7	2
15	64QAM	36	20	22.68	22.59	22.64		
15	64QAM	36	39	22.63	22.77	22.61		
15	64QAM	75	0	22.62	22.78	22.68		
15	256QAM	1	0	19.78	19.82	19.76	20.7	5
15	256QAM	1	37	19.65	19.76	19.62		
15	256QAM	1	74	19.60	19.78	19.67		
15	256QAM	36	0	19.93	19.92	19.80	20.7	5
15	256QAM	36	20	19.79	19.93	19.83		
15	256QAM	36	39	19.67	19.81	19.60		
15	256QAM	75	0	19.87	19.91	19.90		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	24.77	24.88	24.86	25.7	0
10	QPSK	1	25	24.70	24.85	24.73		
10	QPSK	1	49	24.65	24.69	24.56		
10	QPSK	25	0	24.67	24.75	24.69	25.7	0
10	QPSK	25	12	24.51	24.78	24.66		
10	QPSK	25	25	24.58	24.66	24.56		
10	QPSK	50	0	24.59	24.81	24.67		
10	16QAM	1	0	24.50	24.67	24.53	25.7	0
10	16QAM	1	25	24.43	24.43	24.38		
10	16QAM	1	49	24.44	24.64	24.40		
10	16QAM	25	0	23.68	23.79	23.62	24.7	1
10	16QAM	25	12	23.62	23.66	23.57		
10	16QAM	25	25	23.43	23.69	23.47		
10	16QAM	50	0	23.57	23.76	23.69		
10	64QAM	1	0	23.58	23.62	23.65	24.7	1
10	64QAM	1	25	23.55	23.56	23.50		
10	64QAM	1	49	23.60	23.56	23.43		
10	64QAM	25	0	22.73	22.69	22.75	23.7	2
10	64QAM	25	12	22.54	22.72	22.55		
10	64QAM	25	25	22.47	22.78	22.59		
10	64QAM	50	0	22.71	22.66	22.55		
10	256QAM	1	0	19.75	19.90	19.74	20.7	5
10	256QAM	1	25	19.66	19.78	19.67		
10	256QAM	1	49	19.65	19.70	19.62		
10	256QAM	25	0	19.94	19.87	19.80	20.7	5
10	256QAM	25	12	19.77	19.94	19.85		
10	256QAM	25	25	19.72	19.83	19.66		
10	256QAM	50	0	19.87	19.93	19.82		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	24.84	24.82	24.85	25.7	0
5	QPSK	1	12	24.65	24.83	24.70		
5	QPSK	1	24	24.58	24.67	24.58		
5	QPSK	12	0	24.74	24.79	24.64	25.7	0
5	QPSK	12	7	24.54	24.70	24.60		
5	QPSK	12	13	24.62	24.61	24.53		
5	QPSK	25	0	24.56	24.69	24.66		
5	16QAM	1	0	24.50	24.59	24.68	25.7	0
5	16QAM	1	12	24.51	24.59	24.32		
5	16QAM	1	24	24.55	24.59	24.55		
5	16QAM	12	0	23.72	23.80	23.67	24.7	1
5	16QAM	12	7	23.47	23.65	23.42		
5	16QAM	12	13	23.49	23.69	23.47		
5	16QAM	25	0	23.57	23.66	23.59		
5	64QAM	1	0	23.66	23.77	23.58	24.7	1
5	64QAM	1	12	23.42	23.66	23.59		
5	64QAM	1	24	23.63	23.58	23.53		
5	64QAM	12	0	22.74	22.82	22.76	23.7	2
5	64QAM	12	7	22.66	22.63	22.59		
5	64QAM	12	13	22.61	22.64	22.55		
5	64QAM	25	0	22.63	22.65	22.60		
5	256QAM	1	0	19.80	19.84	19.75	20.7	5
5	256QAM	1	12	19.70	19.79	19.69		
5	256QAM	1	24	19.63	19.81	19.68		
5	256QAM	12	0	19.86	19.98	19.82	20.7	5
5	256QAM	12	7	19.84	19.92	19.85		
5	256QAM	12	13	19.65	19.75	19.68		
5	256QAM	25	0	19.83	19.90	19.89		

Band 48 Ant12 Default

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	23.36	23.57	23.50	23.53	24.2	0
20	QPSK	1	49	23.33	23.54	23.40	23.48		
20	QPSK	1	99	23.28	23.52	23.43	23.39		
20	QPSK	50	0	23.32	23.55	23.45	23.45	24.2	0
20	QPSK	50	24	23.32	23.52	23.48	23.46		
20	QPSK	50	50	23.27	23.41	23.38	23.35		
20	QPSK	100	0	23.28	23.50	23.45	23.45		
20	16QAM	1	0	23.21	23.44	23.34	23.34	24.2	0
20	16QAM	1	49	23.15	23.39	23.19	23.27		
20	16QAM	1	99	23.13	23.34	23.27	23.34		
20	16QAM	50	0	22.30	22.51	22.38	22.43	23.2	1
20	16QAM	50	24	22.24	22.40	22.28	22.39		
20	16QAM	50	50	22.31	22.45	22.33	22.36		
20	16QAM	100	0	22.40	22.59	22.56	22.46		
20	64QAM	1	0	22.33	22.53	22.40	22.40	23.2	1
20	64QAM	1	49	22.23	22.43	22.32	22.38		
20	64QAM	1	99	22.26	22.47	22.40	22.37		
20	64QAM	50	0	21.29	21.52	21.46	21.46	22.2	2
20	64QAM	50	24	21.25	21.45	21.35	21.36		
20	64QAM	50	50	21.25	21.44	21.31	21.29		
20	64QAM	100	0	21.36	21.56	21.46	21.43		
20	256QAM	1	0	18.38	18.52	18.42	18.45	19.2	5
20	256QAM	1	49	18.27	18.42	18.40	18.32		
20	256QAM	1	99	18.27	18.47	18.27	18.33		
20	256QAM	50	0	18.35	18.56	18.51	18.53	19.2	5
20	256QAM	50	24	18.22	18.44	18.39	18.37		
20	256QAM	50	50	18.31	18.52	18.45	18.42		
20	256QAM	100	0	18.44	18.59	18.51	18.45		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	23.32	23.52	23.40	23.49	24.2	0
15	QPSK	1	37	23.23	23.41	23.34	23.35		
15	QPSK	1	74	23.22	23.44	23.31	23.25		
15	QPSK	36	0	23.23	23.46	23.31	23.40	24.2	0
15	QPSK	36	20	23.18	23.40	23.41	23.39		
15	QPSK	36	39	23.20	23.34	23.24	23.31		
15	QPSK	75	0	23.14	23.45	23.31	23.42		
15	16QAM	1	0	23.12	23.34	23.30	23.29	24.2	0
15	16QAM	1	37	23.03	23.33	23.09	23.19		
15	16QAM	1	74	23.10	23.22	23.13	23.26		
15	16QAM	36	0	22.15	22.37	22.34	22.39	23.2	1
15	16QAM	36	20	22.11	22.31	22.15	22.27		
15	16QAM	36	39	22.21	22.36	22.23	22.26		
15	16QAM	75	0	22.33	22.53	22.50	22.42		
15	64QAM	1	0	22.29	22.42	22.35	22.27	23.2	1
15	64QAM	1	37	22.10	22.34	22.26	22.29		
15	64QAM	1	74	22.15	22.39	22.31	22.25		
15	64QAM	36	0	21.26	21.42	21.37	21.37	22.2	2
15	64QAM	36	20	21.14	21.38	21.31	21.29		
15	64QAM	36	39	21.14	21.36	21.24	21.20		
15	64QAM	75	0	21.28	21.42	21.37	21.29		
15	256QAM	1	0	18.32	18.43	18.31	18.31	19.2	5
15	256QAM	1	37	18.14	18.29	18.31	18.18		
15	256QAM	1	74	18.17	18.43	18.16	18.26		
15	256QAM	36	0	18.20	18.43	18.40	18.45	19.2	5
15	256QAM	36	20	18.18	18.30	18.36	18.27		
15	256QAM	36	39	18.23	18.45	18.32	18.37		
15	256QAM	75	0	18.31	18.53	18.44	18.35		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	23.29	23.53	23.38	23.43	24.2	0
10	QPSK	1	25	23.18	23.46	23.25	23.43		
10	QPSK	1	49	23.15	23.46	23.29	23.33		
10	QPSK	25	0	23.23	23.42	23.37	23.31	24.2	0
10	QPSK	25	12	23.19	23.41	23.43	23.41		
10	QPSK	25	25	23.16	23.38	23.23	23.22		
10	QPSK	50	0	23.22	23.35	23.33	23.37		
10	16QAM	1	0	23.16	23.35	23.30	23.24	24.2	0
10	16QAM	1	25	23.09	23.32	23.08	23.16		
10	16QAM	1	49	23.05	23.21	23.22	23.22		
10	16QAM	25	0	22.24	22.36	22.29	22.31	23.2	1
10	16QAM	25	12	22.17	22.30	22.18	22.25		
10	16QAM	25	25	22.25	22.41	22.23	22.30		
10	16QAM	50	0	22.31	22.55	22.52	22.33		
10	64QAM	1	0	22.25	22.44	22.26	22.33	23.2	1
10	64QAM	1	25	22.09	22.38	22.21	22.30		
10	64QAM	1	49	22.23	22.34	22.32	22.33		
10	64QAM	25	0	21.18	21.39	21.41	21.32	22.2	2
10	64QAM	25	12	21.20	21.35	21.28	21.28		
10	64QAM	25	25	21.15	21.37	21.24	21.20		
10	64QAM	50	0	21.31	21.43	21.40	21.38		
10	256QAM	1	0	18.28	18.40	18.29	18.35	19.2	5
10	256QAM	1	25	18.20	18.35	18.31	18.29		
10	256QAM	1	49	18.14	18.43	18.18	18.29		
10	256QAM	25	0	18.31	18.42	18.46	18.44	19.2	5
10	256QAM	25	12	18.09	18.34	18.27	18.29		
10	256QAM	25	25	18.23	18.49	18.35	18.32		
10	256QAM	50	0	18.41	18.48	18.46	18.40		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	23.31	23.45	23.44	23.38	24.2	0
5	QPSK	1	12	23.28	23.45	23.37	23.41		
5	QPSK	1	24	23.21	23.43	23.34	23.31		
5	QPSK	12	0	23.21	23.45	23.39	23.34	24.2	0
5	QPSK	12	7	23.24	23.41	23.37	23.36		
5	QPSK	12	13	23.23	23.32	23.29	23.24		
5	QPSK	25	0	23.13	23.39	23.38	23.34		
5	16QAM	1	0	23.09	23.31	23.28	23.30	24.2	0
5	16QAM	1	12	23.06	23.32	23.16	23.16		
5	16QAM	1	24	23.08	23.26	23.15	23.25		
5	16QAM	12	0	22.24	22.46	22.30	22.36	23.2	1
5	16QAM	12	7	22.20	22.35	22.15	22.36		
5	16QAM	12	13	22.28	22.40	22.23	22.23		
5	16QAM	25	0	22.35	22.44	22.49	22.37		
5	64QAM	1	0	22.22	22.47	22.27	22.34	23.2	1
5	64QAM	1	12	22.10	22.31	22.27	22.31		
5	64QAM	1	24	22.17	22.32	22.34	22.33		
5	64QAM	12	0	21.17	21.39	21.38	21.41	22.2	2
5	64QAM	12	7	21.13	21.38	21.26	21.29		
5	64QAM	12	13	21.20	21.30	21.23	21.19		
5	64QAM	25	0	21.32	21.51	21.33	21.37		
5	256QAM	1	0	18.32	18.42	18.32	18.32	19.2	5
5	256QAM	1	12	18.20	18.30	18.34	18.23		
5	256QAM	1	24	18.14	18.42	18.15	18.20		
5	256QAM	12	0	18.30	18.45	18.43	18.42	19.2	5
5	256QAM	12	7	18.09	18.30	18.31	18.31		
5	256QAM	12	13	18.23	18.45	18.41	18.28		
5	256QAM	25	0	18.37	18.50	18.43	18.41		

Reduced Power Mode for DSI1

	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	32.84	32.79	32.88	33.40	23.84	23.79	23.88	24.40
GPRS 1 Tx slot	32.81	32.74	32.85	33.40	23.81	23.74	23.85	24.40
GPRS 2 Tx slots	29.79	29.71	29.85	30.40	23.79	23.71	23.85	24.40
GPRS 3 Tx slots	28.05	27.89	28.00	28.60	23.79	23.63	23.74	24.34
GPRS 4 Tx slots	26.94	27.04	27.00	27.40	23.94	24.04	24.00	24.40
EDGE 1 Tx slot	26.65	26.66	26.63	27.50	17.65	17.66	17.63	18.50
EDGE 2 Tx slots	23.97	23.91	23.97	24.50	17.97	17.91	17.97	18.50
EDGE 3 Tx slots	22.08	22.10	22.13	22.70	17.82	17.84	17.87	18.44
EDGE 4 Tx slots	20.98	20.94	21.00	21.50	17.98	17.94	18.00	18.50

		WCDMA V Ant0 Default				WCDMA IV Ant0 Default			
Band		WCDMA V			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)
TX Channel		4132	4182	4233		1312	1413	1513	
Rx Channel		4357	4407	4458		1537	1638	1738	
Frequency (MHz)		826.4	836.4	846.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	24.11	24.15	24.13	25.00	22.26	22.29	22.24	23.70
3GPP Rel 99	RMC 12.2Kbps	24.22	24.28	24.21	25.00	22.31	22.39	22.33	23.70
3GPP Rel 6	HSDPA Subtest-1	23.16	23.22	23.10	24.00	21.23	21.27	21.29	22.70
3GPP Rel 6	HSDPA Subtest-2	23.12	23.23	23.06	24.00	21.26	21.34	21.13	22.70
3GPP Rel 6	HSDPA Subtest-3	22.53	22.80	22.63	23.50	20.66	20.78	20.77	22.20
3GPP Rel 6	HSDPA Subtest-4	22.54	22.78	22.65	23.50	20.61	20.84	20.72	22.20
3GPP Rel 8	DC-HSDPA Subtest-1	23.19	23.18	23.06	24.00	21.35	21.37	21.11	22.70
3GPP Rel 8	DC-HSDPA Subtest-2	23.20	23.17	23.05	24.00	21.21	21.37	21.17	22.70
3GPP Rel 8	DC-HSDPA Subtest-3	22.55	22.66	22.60	23.50	20.63	20.81	20.62	22.20
3GPP Rel 8	DC-HSDPA Subtest-4	22.66	22.66	22.58	23.50	20.74	20.88	20.71	22.20
3GPP Rel 6	HSUPA Subtest-1	22.99	23.15	23.25	24.00	21.17	21.37	21.34	22.70
3GPP Rel 6	HSUPA Subtest-2	21.11	21.24	21.17	22.00	19.25	19.32	19.29	20.70
3GPP Rel 6	HSUPA Subtest-3	22.20	22.16	22.14	23.00	20.32	20.32	20.12	21.70
3GPP Rel 6	HSUPA Subtest-4	21.01	21.16	21.24	22.00	19.19	19.29	19.33	20.70
3GPP Rel 6	HSUPA Subtest-5	23.20	23.18	23.09	24.00	21.21	21.35	21.15	22.70
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.74	20.70	20.57	21.50	18.73	18.84	18.68	20.20

Band 4 Ant0 Default

BW [MHz]	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	23.94	24.08	23.98	25.5	0
20	QPSK	1	49	23.87	23.97	23.87		
20	QPSK	1	99	23.88	23.94	23.93		
20	QPSK	50	0	23.95	24.02	23.91		
20	QPSK	50	24	23.87	23.91	23.78	25.5	0
20	QPSK	50	50	23.92	24.00	23.90		
20	QPSK	100	0	23.86	23.96	23.91		
20	16QAM	1	0	23.96	24.07	23.93		
20	16QAM	1	49	23.94	24.01	23.87	25.5	0
20	16QAM	1	99	23.85	23.94	23.87		
20	16QAM	50	0	22.91	23.04	23.00		
20	16QAM	50	24	22.81	22.91	22.87	24.5	1
20	16QAM	50	50	22.90	22.94	22.80		
20	16QAM	100	0	22.96	23.00	22.94		
20	64QAM	1	0	22.91	23.06	22.98		
20	64QAM	1	49	22.83	22.93	22.78	24.5	1
20	64QAM	1	99	22.85	22.96	22.87		
20	64QAM	50	0	21.95	22.02	21.97		
20	64QAM	50	24	21.84	21.98	21.90	23.5	2
20	64QAM	50	50	21.79	21.93	21.80		
20	64QAM	100	0	21.84	21.97	21.93		
20	256QAM	1	0	19.04	19.09	19.00		
20	256QAM	1	49	18.92	18.95	18.82	20.5	5
20	256QAM	1	99	18.88	19.02	18.99		
20	256QAM	50	0	18.82	18.96	18.89		
20	256QAM	50	24	18.77	18.85	18.70	20.5	5
20	256QAM	50	50	18.79	18.86	18.78		
20	256QAM	100	0	18.90	19.01	18.89		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	23.83	23.99	23.86	25.5	0
15	QPSK	1	37	23.83	23.90	23.77		
15	QPSK	1	74	23.82	24.00	23.89		
15	QPSK	36	0	23.86	23.96	23.85		
15	QPSK	36	20	23.77	23.83	23.68	25.5	0
15	QPSK	36	39	23.72	23.88	23.78		
15	QPSK	75	0	23.76	23.85	23.76		
15	16QAM	1	0	23.85	24.03	23.81		
15	16QAM	1	37	23.85	23.95	23.74	25.5	0
15	16QAM	1	74	23.75	23.86	23.76		
15	16QAM	36	0	22.77	22.95	22.89		
15	16QAM	36	20	22.70	22.78	22.78	24.5	1
15	16QAM	36	39	22.86	22.85	22.75		
15	16QAM	75	0	22.86	22.87	22.84		
15	64QAM	1	0	22.86	23.02	22.91		
15	64QAM	1	37	22.73	22.79	22.75	24.5	1
15	64QAM	1	74	22.80	22.82	22.81		
15	64QAM	36	0	21.84	21.90	21.85		
15	64QAM	36	20	21.80	21.87	21.86	23.5	2
15	64QAM	36	39	21.69	21.87	21.71		
15	64QAM	75	0	21.72	21.86	21.90		
15	256QAM	1	0	18.92	19.03	18.93		
15	256QAM	1	37	18.78	18.83	18.67	20.5	5
15	256QAM	1	74	18.84	18.93	18.93		
15	256QAM	36	0	18.73	18.89	18.81		
15	256QAM	36	20	18.68	18.77	18.63	20.5	5
15	256QAM	36	39	18.88	18.87	18.65		
15	256QAM	75	0	18.78	18.90	18.76		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	23.86	24.02	23.92	25.5	0
10	QPSK	1	25	23.73	23.84	23.81		
10	QPSK	1	49	23.84	23.92	23.88		
10	QPSK	25	0	23.85	23.93	23.77		
10	QPSK	25	12	23.76	23.83	23.70	25.5	0
10	QPSK	25	25	23.82	23.86	23.86		
10	QPSK	50	0	23.83	23.91	23.78		
10	16QAM	1	0	23.84	23.94	23.81		
10	16QAM	1	25	23.81	23.98	23.82	25.5	0
10	16QAM	1	49	23.81	23.91	23.81		
10	16QAM	25	0	22.77	22.96	22.91		
10	16QAM	25	12	22.75	22.77	22.80	24.5	1
10	16QAM	25	25	22.79	22.84	22.73		
10	16QAM	50	0	22.81	22.93	22.91		
10	64QAM	1	0	22.77	22.93	22.87		
10	64QAM	1	25	22.74	22.85	22.66	24.5	1
10	64QAM	1	49	22.82	22.82	22.75		
10	64QAM	25	0	21.81	21.96	21.87		
10	64QAM	25	12	21.75	21.87	21.79	23.5	2
10	64QAM	25	25	21.66	21.87	21.76		
10	64QAM	50	0	21.79	21.86	21.88		
10	256QAM	1	0	18.93	18.94	18.86		
10	256QAM	1	25	18.84	18.88	18.74	20.5	5
10	256QAM	1	49	18.85	18.98	18.89		
10	256QAM	25	0	18.71	18.87	18.85		
10	256QAM	25	12	18.74	18.76	18.65	20.5	5
10	256QAM	25	25	18.71	18.82	18.68		
10	256QAM	50	0	18.87	18.93	18.83		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	23.85	23.94	23.85	25.5	0
5	QPSK	1	12	23.74	23.94	23.82		
5	QPSK	1	24	23.81	23.92	23.89		
5	QPSK	12	0	23.88	23.95	23.77		
5	QPSK	12	7	23.79	23.82	23.69	25.5	0
5	QPSK	12	13	23.81	23.97	23.75		
5	QPSK	25	0	23.81	23.90	23.82		
5	16QAM	1	0	23.87	23.94	23.88		
5	16QAM	1	12	23.80	23.86	23.78	25.5	0
5	16QAM	1	24	23.73	23.90	23.78		
5	16QAM	12	0	22.85	22.90	22.91		
5	16QAM	12	7	22.75	22.87	22.77	24.5	1
5	16QAM	12	13	22.82	22.84	22.70		
5	16QAM	25	0	22.93	22.92	22.83		
5	64QAM	1	0	22.77	23.00	22.94		
5	64QAM	1	12	22.75	22.89	22.64	24.5	1
5	64QAM	1	24	22.81	22.86	22.72		
5	64QAM	12	0	21.89	21.90	21.82		
5	64QAM	12	7	21.78	21.92	21.81	23.5	2
5	64QAM	12	13	21.68	21.86	21.70		
5	64QAM	25	0	21.74	21.86	21.86		
5	256QAM	1	0	18.90	19.03	18.90		
5	256QAM	1	12	18.85	18.85	18.76	20.5	5
5	256QAM	1	24	18.79	18.89	18.87		
5	256QAM	12	0	18.80	18.91	18.81		
5	256QAM	12	7	18.65	18.78	18.65	20.5	5
5	256QAM	12	13	18.75	18.80	18.64		
5	256QAM	25	0	18.86	18.96	18.75		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	23.89	24.03	23.95	25.5	0
3	QPSK	1	8	23.81	23.87	23.81		
3	QPSK	1	14	23.84	23.89	23.89		
3	QPSK	8	0	23.80	23.92	23.87		
3	QPSK	8	4	23.79	23.79	23.74	25.5	0
3	QPSK	8	7	23.85	23.95	23.82		
3	QPSK	15	0	23.75	23.87	23.83		
3	16QAM	1	0	23.91	23.98	23.79		
3	16QAM	1	8	23.80	23.92	23.76	25.5	0
3	16QAM	1	14	23.70	23.82	23.82		
3	16QAM	8	0	22.80	22.98	22.89		
3	16QAM	8	4	22.71	22.83	22.76	24.5	1
3	16QAM	8	7	22.81	22.81	22.74		
3	16QAM	15	0	22.83	22.86	22.84		
3	64QAM	1	0	22.78	23.00	22.86		
3	64QAM	1	8	22.74	22.84	22.67	24.5	1
3	64QAM	1	14	22.73	22.90	22.73		
3	64QAM	8	0	21.87	21.92	21.88		
3	64QAM	8	4	21.80	21.95	21.76	23.5	2
3	64QAM	8	7	21.67	21.82	21.73		
3	64QAM	15	0	21.74	21.93	21.89		
3	256QAM	1	0	18.91	18.99	18.94		
3	256QAM	1	8	18.88	18.89	18.76	20.5	5
3	256QAM	1	14	18.78	18.95	18.91		
3	256QAM	8	0	18.72	18.84	18.84		
3	256QAM	8	4	18.64	18.79	18.58	20.5	5
3	256QAM	8	7	18.67	18.87	18.64		
3	256QAM	15	0	18.77	18.94	18.76		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	23.81	24.03	23.84	25.5	0
1.4	QPSK	1	3	23.83	23.93	23.78		
1.4	QPSK	1	5	23.78	23.91	23.90		
1.4	QPSK	3	0	23.89	23.97	23.81		
1.4	QPSK	3	1	23.75	23.77	23.73		
1.4	QPSK	3	3	23.79	23.94	23.82		
1.4	QPSK	6	0	23.74	23.87	23.86	25.5	0
1.4	16QAM	1	0	23.88	23.95	23.78	25.5	0
1.4	16QAM	1	3	23.86	23.88	23.84		
1.4	16QAM	1	5	23.78	23.90	23.76		
1.4	16QAM	3	0	23.80	23.98	23.86		
1.4	16QAM	3	1	23.67	23.88	23.79		
1.4	16QAM	3	3	23.82	23.83	23.73		
1.4	16QAM	6	0	22.83	22.94	22.80	24.5	1
1.4	64QAM	1	0	22.76	22.94	22.86	24.5	1
1.4	64QAM	1	3	22.71	22.82	22.70		
1.4	64QAM	1	5	22.75	22.93	22.74		
1.4	64QAM	3	0	22.91	22.93	22.83		
1.4	64QAM	3	1	22.70	22.95	22.85		
1.4	64QAM	3	3	22.67	22.86	22.74		
1.4	64QAM	6	0	21.71	21.84	21.89	23.5	2
1.4	256QAM	1	0	18.98	18.94	18.85	20.5	5
1.4	256QAM	1	3	18.91	18.81	18.75		
1.4	256QAM	1	5	18.77	18.87	18.85		
1.4	256QAM	3	0	18.73	18.82	18.83		
1.4	256QAM	3	1	18.73	18.74	18.62		
1.4	256QAM	3	3	18.70	18.83	18.72		
1.4	256QAM	6	0	18.82	18.98	18.83	20.5	5

Band 5 Ant0 Default

BW [MHz]	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	24.93	25.11	25.10	25.7	0
10	QPSK	1	25	25.02	25.06	24.94		
10	QPSK	1	49	24.81	24.89	23.86		
10	QPSK	25	0	24.97	25.03	24.97		
10	QPSK	25	12	24.87	24.96	24.86	25.7	0
10	QPSK	25	25	24.91	25.00	24.93		
10	QPSK	50	0	24.90	24.97	24.83		
10	16QAM	1	0	25.01	25.10	25.06		
10	16QAM	1	25	24.91	25.00	24.90	25.7	0
10	16QAM	1	49	24.93	25.03	24.96		
10	16QAM	25	0	23.88	23.94	23.86		
10	16QAM	25	12	23.80	23.86	23.77	24.7	1
10	16QAM	25	25	23.70	23.83	23.77		
10	16QAM	50	0	23.84	23.91	23.78		
10	64QAM	1	0	23.96	24.09	24.00		
10	64QAM	1	25	23.90	24.00	23.97	24.7	1
10	64QAM	1	49	23.87	23.98	23.85		
10	64QAM	25	0	22.93	22.97	22.92		
10	64QAM	25	12	22.79	22.93	22.88	23.7	2
10	64QAM	25	25	22.72	22.83	22.69		
10	64QAM	50	0	22.77	22.91	22.77		
10	256QAM	1	0	19.85	20.00	19.91		
10	256QAM	1	25	19.77	19.90	19.79	20.7	5
10	256QAM	1	49	19.78	19.91	19.82		
10	256QAM	25	0	19.84	19.89	19.79		
10	256QAM	25	12	19.80	19.84	19.72	20.7	5
10	256QAM	25	25	19.67	19.74	19.66		
10	256QAM	50	0	19.93	19.97	19.88		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	24.90	25.06	25.04	25.7	0
5	QPSK	1	12	24.88	24.99	24.81		
5	QPSK	1	24	24.74	24.83	24.72		
5	QPSK	12	0	24.85	24.94	24.85		
5	QPSK	12	7	24.77	24.87	24.75	25.7	0
5	QPSK	12	13	24.79	24.85	24.90		
5	QPSK	25	0	24.76	24.89	24.80		
5	16QAM	1	0	24.88	25.06	24.99		
5	16QAM	1	12	24.83	24.90	24.76	25.7	0
5	16QAM	1	24	24.86	24.95	24.92		
5	16QAM	12	0	23.81	23.80	23.73		
5	16QAM	12	7	23.73	23.71	23.73	24.7	1
5	16QAM	12	13	23.66	23.74	23.70		
5	16QAM	25	0	23.74	23.82	23.68		
5	64QAM	1	0	23.83	24.00	23.90		
5	64QAM	1	12	23.80	23.89	23.90	24.7	1
5	64QAM	1	24	23.81	23.85	23.72		
5	64QAM	12	0	22.84	22.89	22.85		
5	64QAM	12	7	22.72	22.83	22.76	23.7	2
5	64QAM	12	13	22.67	22.79	22.59		
5	64QAM	25	0	22.74	22.84	22.72		
5	256QAM	1	0	19.72	19.86	19.85		
5	256QAM	1	12	19.73	19.85	19.73	20.7	5
5	256QAM	1	24	19.67	19.79	19.68		
5	256QAM	12	0	19.72	19.80	19.70		
5	256QAM	12	7	19.75	19.71	19.61		
5	256QAM	12	13	19.55	19.66	19.56	20.7	5
5	256QAM	25	0	19.81	19.88	19.82		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	24.78	25.01	24.95	25.7	0
3	QPSK	1	8	24.99	24.96	24.88		
3	QPSK	1	14	24.71	24.75	24.65		
3	QPSK	8	0	24.93	24.88	24.92		
3	QPSK	8	4	24.82	24.86	24.83	25.7	0
3	QPSK	8	7	24.84	24.89	24.80		
3	QPSK	15	0	24.83	24.91	24.73		
3	16QAM	1	0	24.89	25.05	24.95		
3	16QAM	1	8	24.87	24.86	24.78	25.7	0
3	16QAM	1	14	24.84	24.96	24.87		
3	16QAM	8	0	23.75	23.82	23.80		
3	16QAM	8	4	23.73	23.76	23.72	24.7	1
3	16QAM	8	7	23.66	23.72	23.64		
3	16QAM	15	0	23.71	23.82	23.75		
3	64QAM	1	0	23.88	24.03	23.94		
3	64QAM	1	8	23.85	23.88	23.85	24.7	1
3	64QAM	1	14	23.81	23.91	23.80		
3	64QAM	8	0	22.84	22.88	22.88		
3	64QAM	8	4	22.76	22.86	22.79	23.7	2
3	64QAM	8	7	22.62	22.69	22.56		
3	64QAM	15	0	22.72	22.77	22.63		
3	256QAM	1	0	19.82	19.92	19.81		
3	256QAM	1	8	19.72	19.82	19.67	20.7	5
3	256QAM	1	14	19.64	19.84	19.70		
3	256QAM	8	0	19.69	19.78	19.64		
3	256QAM	8	4	19.69	19.78	19.64	20.7	5
3	256QAM	8	7	19.57	19.66	19.61		
3	256QAM	15	0	19.80	19.84	19.73		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	24.81	25.02	24.97	25.7	0
1.4	QPSK	1	3	24.96	24.98	24.85		
1.4	QPSK	1	5	24.72	24.77	24.64		
1.4	QPSK	3	0	24.85	24.99	24.93		
1.4	QPSK	3	1	24.79	24.81	24.83		
1.4	QPSK	3	3	24.87	24.91	24.85		
1.4	QPSK	6	0	24.78	24.88	24.69	25.7	0
1.4	16QAM	1	0	24.88	24.99	25.01	25.7	0
1.4	16QAM	1	3	24.90	24.91	24.85		
1.4	16QAM	1	5	24.85	24.91	24.90		
1.4	16QAM	3	0	24.76	24.86	24.82		
1.4	16QAM	3	1	24.66	24.79	24.73		
1.4	16QAM	3	3	24.62	24.73	24.66		
1.4	16QAM	6	0	23.70	23.80	23.69	24.7	1
1.4	64QAM	1	0	23.91	23.98	23.88	24.7	1
1.4	64QAM	1	3	23.79	23.86	23.84		
1.4	64QAM	1	5	23.79	23.72	23.71		
1.4	64QAM	3	0	23.90	23.91	23.84		
1.4	64QAM	3	1	23.68	23.84	23.79		
1.4	64QAM	3	3	23.63	23.77	23.63		
1.4	64QAM	6	0	22.73	22.76	22.72	23.7	2
1.4	256QAM	1	0	19.72	19.88	19.87	20.7	5
1.4	256QAM	1	3	19.72	19.85	19.69		
1.4	256QAM	1	5	19.72	19.78	19.76		
1.4	256QAM	3	0	19.77	19.78	19.67		
1.4	256QAM	3	1	19.67	19.72	19.62		
1.4	256QAM	3	3	19.59	19.63	19.60		
1.4	256QAM	6	0	19.81	19.85	19.84	20.7	5

Band 7 Ant0 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	23.54	23.89	23.81	25.2	0
20	QPSK	1	49	23.61	23.86	23.76		
20	QPSK	1	99	23.51	23.72	23.69		
20	QPSK	50	0	23.60	23.81	23.78		
20	QPSK	50	24	23.58	23.78	23.71	25.2	0
20	QPSK	50	50	23.58	23.71	23.59		
20	QPSK	100	0	23.62	23.79	23.74		
20	16QAM	1	0	23.68	23.88	23.78		
20	16QAM	1	49	23.60	23.83	23.74	25.2	0
20	16QAM	1	99	23.58	23.80	23.76		
20	16QAM	50	0	22.81	22.96	22.93		
20	16QAM	50	24	22.62	22.87	22.78	24.2	1
20	16QAM	50	50	22.66	22.88	22.84		
20	16QAM	100	0	22.79	22.94	22.83		
20	64QAM	1	0	22.72	22.94	22.85		
20	64QAM	1	49	22.68	22.82	22.69	24.2	1
20	64QAM	1	99	22.72	22.90	22.86		
20	64QAM	50	0	21.79	21.98	21.90		
20	64QAM	50	24	21.73	21.86	21.80	23.2	2
20	64QAM	50	50	21.77	21.90	21.75		
20	64QAM	100	0	21.71	21.91	21.86		
20	256QAM	1	0	18.80	18.94	18.88		
20	256QAM	1	49	18.66	18.89	18.81	20.2	5
20	256QAM	1	99	18.70	18.87	18.78		
20	256QAM	50	0	18.70	18.91	18.77		
20	256QAM	50	24	18.61	18.78	18.71	20.2	5
20	256QAM	50	50	18.58	18.79	18.73		
20	256QAM	100	0	18.75	18.92	18.86		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	23.61	23.79	23.85	25.2	0
15	QPSK	1	37	23.63	23.94	23.76		
15	QPSK	1	74	23.59	23.80	23.77		
15	QPSK	36	0	23.69	23.83	23.79		
15	QPSK	36	20	23.62	23.85	23.81	25.2	0
15	QPSK	36	39	23.62	23.81	23.68		
15	QPSK	75	0	23.69	23.88	23.84		
15	16QAM	1	0	23.57	23.75	23.73		
15	16QAM	1	37	23.58	23.73	23.63	25.2	0
15	16QAM	1	74	23.55	23.69	23.72		
15	16QAM	36	0	22.70	22.90	22.84		
15	16QAM	36	20	22.57	22.81	22.69	24.2	1
15	16QAM	36	39	22.62	22.77	22.80		
15	16QAM	75	0	22.70	22.87	22.74		
15	64QAM	1	0	22.63	22.82	22.70		
15	64QAM	1	37	22.57	22.69	22.56	24.2	1
15	64QAM	1	74	22.59	22.85	22.80		
15	64QAM	36	0	21.75	21.94	21.83		
15	64QAM	36	20	21.67	21.79	21.73	23.2	2
15	64QAM	36	39	21.69	21.84	21.71		
15	64QAM	75	0	21.63	21.85	21.71		
15	256QAM	1	0	18.69	18.84	18.83		
15	256QAM	1	37	18.62	18.85	18.74	20.2	5
15	256QAM	1	74	18.64	18.82	18.68		
15	256QAM	36	0	18.66	18.81	18.73		
15	256QAM	36	20	18.69	18.74	18.61	20.2	5
15	256QAM	36	39	18.65	18.74	18.59		
15	256QAM	75	0	18.63	18.81	18.77		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	23.61	23.87	23.87	25.2	0
10	QPSK	1	25	23.67	23.89	23.83		
10	QPSK	1	49	23.55	23.72	23.73		
10	QPSK	25	0	23.71	23.87	23.82		
10	QPSK	25	12	23.70	23.86	23.80	25.2	0
10	QPSK	25	25	23.61	23.80	23.71		
10	QPSK	50	0	23.69	23.85	23.80		
10	16QAM	1	0	23.60	23.81	23.65		
10	16QAM	1	25	23.57	23.75	23.69	25.2	0
10	16QAM	1	49	23.

Band 13 Ant0 Default

BW [MHz]	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		25.06		25.6	0
10	QPSK	1	25		25.02			
10	QPSK	1	49		24.96			
10	QPSK	25	0		25.02			
10	QPSK	25	12		24.96		25.6	0
10	QPSK	25	25		24.92			
10	QPSK	50	0		24.97			
10	16QAM	1	0		25.05			
10	16QAM	1	25		24.94		25.6	0
10	16QAM	1	49		24.95			
10	16QAM	25	0		24.03			
10	16QAM	25	12		23.90		24.6	1
10	16QAM	25	25		23.95			
10	16QAM	50	0		24.01			
10	64QAM	1	0		24.06			
10	64QAM	1	25		24.00		24.6	1
10	64QAM	1	49		24.02			
10	64QAM	25	0		22.97			
10	64QAM	25	12		22.92		23.6	2
10	64QAM	25	25		22.89			
10	64QAM	50	0		23.07			
10	256QAM	1	0		20.03			
10	256QAM	1	25		19.91		20.6	5
10	256QAM	1	49		20.00			
10	256QAM	25	0		19.96			
10	256QAM	25	12		19.88		20.6	5
10	256QAM	25	25		19.92			
10	256QAM	50	0		19.95			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	24.92	25.01	25.00	25.6	0
5	QPSK	1	12	24.84	24.87	24.91		
5	QPSK	1	24	24.80	24.84	24.78		
5	QPSK	12	0	24.91	24.99	24.88		
5	QPSK	12	7	24.80	24.91	24.85	25.6	0
5	QPSK	12	13	24.89	24.99	24.79		
5	QPSK	25	0	24.82	24.88	24.73		
5	16QAM	1	0	24.81	24.96	24.78		
5	16QAM	1	12	24.75	24.89	24.70	25.6	0
5	16QAM	1	24	24.71	24.92	24.79		
5	16QAM	12	0	23.76	23.98	23.84		
5	16QAM	12	7	23.77	23.79	23.78	24.6	1
5	16QAM	12	13	23.72	23.86	23.78		
5	16QAM	25	0	23.80	23.91	23.84		
5	64QAM	1	0	23.84	23.98	23.90		
5	64QAM	1	12	23.80	23.93	23.85	24.6	1
5	64QAM	1	24	23.78	23.95	23.78		
5	64QAM	12	0	22.75	22.86	22.79		
5	64QAM	12	7	22.67	22.85	22.76	23.6	2
5	64QAM	12	13	22.65	22.76	22.64		
5	64QAM	25	0	22.92	23.03	22.94		
5	256QAM	1	0	19.87	19.90	19.78		
5	256QAM	1	12	19.74	19.81	19.72	20.6	5
5	256QAM	1	24	19.77	19.86	19.81		
5	256QAM	12	0	19.80	19.89	19.76		
5	256QAM	12	7	19.78	19.82	19.61	20.6	5
5	256QAM	12	13	19.82	19.83	19.78		
5	256QAM	25	0	19.68	19.89	19.82		

Band 17 Ant0 Default

BW [MHz]	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	24.95	25.12	24.97	25.7	0
10	QPSK	1	25	24.99	25.06	24.93		
10	QPSK	1	49	24.97	25.02	24.97		
10	QPSK	25	0	24.98	25.11	25.02		
10	QPSK	25	12	24.88	25.01	24.94	25.7	0
10	QPSK	25	25	24.95	25.05	24.99		
10	QPSK	50	0	24.95	25.09	25.02		
10	16QAM	1	0	25.01	25.10	25.03		
10	16QAM	1	25	25.02	25.07	25.01	25.7	0
10	16QAM	1	49	24.90	25.03	24.88		
10	16QAM	25	0	24.02	24.11	24.03		
10	16QAM	25	12	23.87	24.02	23.97	24.7	1
10	16QAM	25	25	23.92	23.99	23.88		
10	16QAM	50	0	23.97	24.10	23.97		
10	64QAM	1	0	24.07	24.17	24.12		
10	64QAM	1	25	24.00	24.07	23.98	24.7	1
10	64QAM	1	49	24.04	24.12	24.08		
10	64QAM	25	0	22.96	23.08	22.93		
10	64QAM	25	12	22.83	22.95	22.88	23.7	2
10	64QAM	25	25	22.95	23.02	22.92		
10	64QAM	50	0	23.02	23.13	23.02		
10	256QAM	1	0	19.95	20.04	19.95		
10	256QAM	1	25	19.86	20.00	19.93	20.7	5
10	256QAM	1	49	19.86	20.00	19.90		
10	256QAM	25	0	20.02	20.10	20.00		
10	256QAM	25	12	19.84	19.98	19.86	20.7	5
10	256QAM	25	25	19.98	20.04	19.96		
10	256QAM	50	0	19.98	20.06	19.91		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	24.88	24.97	24.84	25.7	0
5	QPSK	1	12	24.88	25.02	24.85		
5	QPSK	1	24	24.91	24.99	24.93		
5	QPSK	12	0	24.92	25.06	24.94		
5	QPSK	12	7	24.84	24.89	24.86	25.7	0
5	QPSK	12	13	24.84	24.93	24.95		
5	QPSK	25	0	24.82	24.97	24.90		
5	16QAM	1	0	24.86	24.96	24.96		
5	16QAM	1	12	24.93	24.96	24.91	25.7	0
5	16QAM	1	24	24.80	24.95	24.81		
5	16QAM	12	0	23.99	24.04	23.95		
5	16QAM	12	7	23.76	23.98	23.88	24.7	1
5	16QAM	12	13	23.84	23.86	23.77		
5	16QAM	25	0	23.90	24.05	23.90		
5	64QAM	1	0	24.03	24.06	23.99		
5	64QAM	1	12	23.87	23.97	23.87	24.7	1
5	64QAM	1	24	23.94	24.00	23.97		
5	64QAM	12	0	22.83	23.01	22.83		
5	64QAM	12	7	22.76	22.83	22.77	23.7	2
5	64QAM	12	13	22.83	22.92	22.80		
5	64QAM	25	0	22.93	23.04	22.96		
5	256QAM	1	0	19.91	19.92	19.85		
5	256QAM	1	12	19.81	19.93	19.82	20.7	5
5	256QAM	1	24	19.79	19.89	19.80		
5	256QAM	12	0	19.98	19.95	19.87		
5	256QAM	12	7	19.69	19.95	19.76	20.7	5
5	256QAM	12	13	19.90	19.95	19.88		
5	256QAM	25	0	19.91	19.96	19.82		

Band 26 Ant0 Default

BW [MHz]	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	25.05	25.14	25.10	25.7	0
15	QPSK	1	37	25.02	25.13	25.04		
15	QPSK	1	74	24.93	25.04	25.00		
15	QPSK	36	0	24.99	25.06	24.95		
15	QPSK	36	20	24.80	24.92	24.79	25.7	0
15	QPSK	36	39	24.85	25.00	24.95		
15	QPSK	75	0	24.96	25.01	24.87		
15	16QAM	1	0	24.96	25.03	24.89		
15	16QAM	1	37	24.84	24.91	24.80	25.7	0
15	16QAM	1	74	24.83	24.90	24.83		
15	16QAM	36	0	23.88	23.99	23.95		
15	16QAM	36	20	23.76	23.90	23.76	24.7	1
15	16QAM	36	39	23.79	23.90	23.85		
15	16QAM	75	0	23.97	24.05	24.00		
15	64QAM	1	0	23.95	24.09	23.99		
15	64QAM	1	37	23.85	23.94	23.89	24.7	1
15	64QAM	1	74	23.84	23.96	23.84		
15	64QAM	36	0	22.93	23.00	22.88		
15	64QAM	36	20	22.87	22.93	22.90	23.7	2
15	64QAM	36	39	22.83	22.87	22.79		
15	64QAM	75	0	22.88	22.99	22.90		
15	256QAM	1	0	19.94	19.98	19.92		
15	256QAM	1	37	19.84	19.91	19.83	20.7	5
15	256QAM	1	74	19.76	19.84	19.77		
15	256QAM	36	0	19.98	20.04	19.93		
15	256QAM	36	20	19.83	19.95	19.82	20.7	5
15	256QAM	36	39	19.95	19.99	19.90		
15	256QAM	75	0	19.85	19.96	19.88		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	24.92	25.02	24.98	25.7	0
10	QPSK	1	25	24.97	25.05	24.96		
10	QPSK	1	49	24.76	24.80	24.80		
10	QPSK	25	0	24.84	24.92	24.88		
10	QPSK	25	12	24.73	24.86	24.73	25.7	0
10	QPSK	25	25	24.72	24.95	24.87		
10	QPSK	50	0	24.92	24.92	24.76		
10	16QAM	1	0	24.83	24.88	24.83		
10	16QAM	1	25	24.72	24.77	24.72	25.7	0
10	16QAM	1	49	24.71	24.80	24.72		
10	16QAM	25	0	23.83	23.85	23.86		
10	16QAM	25	12	23.72	23.77	23.61	24.7	1
10	16QAM	25	25	23.69	23.78	23.77		
10	16QAM	50	0	23.87	23.98	23.95		
10	64QAM	1	0	23.85	24.01	23.93		
10	64QAM	1	25	23.81	23.91	23.79	24.7	1
10	64QAM	1	49	23.77	23.88	23.77		
10	64QAM	25	0	22.86	22.89	22.71		
10	64QAM	25	12	22.83	22.87	22.83	23.7	2
10	64QAM	25	25	22.78	22.75	22.76		
10	64QAM	50	0	22.79	22.91	22.86		
10	256QAM	1	0	19.81	19.95	19.77		
10	256QAM	1	25	19.81	19.85	19.74	20.7	5
10	256QAM	1	49	19.66	19.78	19.64		
10	256QAM	25	0	19.92	19.93	19.79		
10	256QAM	25	12	19.73	19.88	19.75	20.7	5
10	256QAM	25	25	19.88	19.96	19.88		
10	256QAM	50	0	19.72	19.90	19.74		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	24.91	25.04	24.99	25.7	0
5	QPSK	1	12	24.95	25.03	24.94		
5	QPSK	1	24	24.72	24.88	24.79		
5	QPSK	12	0	24.94	24.93	24.88		
5	QPSK	12	7	24.69	24.87	24.68	25.7	0
5	QPSK	12	13	24.72	24.92	24.84		
5	QPSK	25	0	24.82	24.95	24.76		
5	16QAM	1	0	24.88	24.90	24.80		
5	16QAM	1	12	24.79	24.87	24.77	25.7	0
5	16QAM	1	24	24.75	24.82	24.80		
5	16QAM	12	0	23.77	23.96	23.82		
5	16QAM	12	7	23.66	23.80	23.65	24.7	1
5	16QAM	12	13	23.67	23.87	23.74		
5	16QAM	25	0	23.92	23.97	23.93		
5	64QAM	1	0	23.91	23.95	23.95		
5	64QAM	1	12	23.74	23.81	23.77	24.7	1
5	64QAM	1	24	23.79	23.93	23.76		
5	64QAM	12	0	22.82	22.89	22.79		
5	64QAM	12	7	22.72	22.80	22.77	23.7	2
5	64QAM	12	13	22.76	22.81	22.76		
5	64QAM	25	0	22.74	22.86	22.78		
5	256QAM	1	0	19.89	19.95	19.82		
5	256QAM	1	12	19.71	19.76	19.80	20.7	5
5	256QAM	1	24	19.66	19.77	19.68		
5	256QAM	12	0	19.84	19.92	19.82		
5	256QAM	12	7	19.70	19.92	19.68	20.7	5
5	256QAM	12	13	19.85	19.91	19.81		
5	256QAM	25	0	19.79	19.86	19.77		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	24.99	25.07	24.95	25.7	0
3	QPSK	1	8	24.95	25.06	25.00		
3	QPSK	1	14	24.75	24.90	24.76		
3	QPSK	8	0	24.88	24.96	24.87		
3	QPSK	8	4	24.74	24.83	24.86	25.7	0
3	QPSK	8	7	24.80	24.88	24.87		
3	QPSK	15	0	24.93	24.94	24.73		
3	16QAM	1	0	24.90	24.93	24.84		
3	16QAM	1	8	24.77	24.86	24.89	25.7	0
3	16QAM	1	14	24.70	24.83	24.79		
3	16QAM	8	0	23.80	23.88	23.89		
3	16QAM	8	4	23.70	23.80	23.69	24.7	1
3	16QAM	8	7	23.64	23.75	23.78		
3	16QAM	15	0	23.83	24.00	23.92		
3	64QAM	1	0	23.82	24.00	23.90		
3	64QAM	1	8	23.81	23.81	23.80	24.7	1
3	64QAM	1	14	23.73	23.83	23.76		
3	64QAM	8	0	22.87	22.89	22.76		
3	64QAM	8	4	22.78	22.83	22.78	23.7	2
3	64QAM	8	7	22.72	22.79	22.69		
3	64QAM	15	0	22.79	22.84	22.83		
3	256QAM	1	0	19.80	19.95	19.85		
3	256QAM	1	8	19.75	19.81	19.69	20.7	5
3	256QAM	1	14	19.71	19.75	19.67		
3	256QAM	8	0	19.95	19.94	19.82		
3	256QAM	8	4	19.77	19.87	19.72	20.7	5
3	256QAM	8	7	19.82	19.90	19.80		
3	256QAM	15	0	19.81	19.82	19.81		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	24.98	25.10	25.07	25.7	0
1.4	QPSK	1	3	24.98	25.09	24.95		
1.4	QPSK	1	5	24.85	24.80	24.91		
1.4	QPSK	3	0	24.96	24.97	24.87		
1.4	QPSK	3	1	24.74	24.88	24.87		
1.4	QPSK	3	3	24.71	24.90	24.83		
1.4	QPSK	6	0	24.85	24.93	24.83	25.7	0
1.4	16QAM	1	0	24.86	24.98	24.74	25.7	0
1.4	16QAM	1	3	24.75	24.77	24.76		
1.4	16QAM	1	5	24.71	24.87	24.79		
1.4	16QAM	3	0	24.76	24.89	24.84		
1.4	16QAM	3	1	24.62	24.81	24.81		
1.4	16QAM	3	3	24.64	24.78	24.74		
1.4	16QAM	6	0	23.90	23.95	23.94	24.7	1
1.4	64QAM	1	0	23.86	24.02	23.90	24.7	1
1.4	64QAM	1	3	23.80	23.83	23.85		
1.4	64QAM	1	5	23.72	23.82	23.79		
1.4	64QAM	3	0	23.80	23.93	23.82		
1.4	64QAM	3	1	23.76	23.83	23.77		
1.4	64QAM	3	3	23.72	23.79	23.68		
1.4	64QAM	6	0	22.85	22.85	22.79	23.7	2
1.4	256QAM	1	0	19.84	19.92	19.85	20.7	5
1.4	256QAM	1	3	19.80	19.88	19.76		
1.4	256QAM	1	5	19.68	19.75	19.63		
1.4	256QAM	3	0	19.94	20.01	19.82		
1.4	256QAM	3	1	19.79	19.90	19.74		
1.4	256QAM	3	3	19.86	19.91	19.89		
1.4	256QAM	6	0	19.80	19.92	19.76	20.7	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	22.78	22.86	22.65	24.3	0
20	QPSK	1	49	22.72	22.77	22.62		
20	QPSK	1	99	22.73	22.84	22.70		
20	QPSK	50	0	22.71	22.84	22.79		
20	QPSK	50	24	22.62	22.76	22.67	24.3	0
20	QPSK	50	50	22.68	22.82	22.76		
20	QPSK	100	0	22.67	22.76	22.73		
20	16QAM	1	0	22.75	22.82	22.72		
20	16QAM	1	49	22.70	22.74	22.63	24.3	0
20	16QAM	1	99	22.60	22.71	22.67		
20	16QAM	50	0	21.79	21.88	21.74		
20	16QAM	50	24	21.63	21.75	21.68	23.3	1
20	16QAM	50	50	21.74	21.79	21.67		
20	16QAM	100	0	21.63	21.76	21.62		
20	64QAM	1	0	21.74	21.81	21.66		
20	64QAM	1	49	21.77	21.86	21.72	23.3	1
20	64QAM	1	99	21.60	21.74	21.69		
20	64QAM	50	0	20.80	20.91	20.83		
20	64QAM	50	24	20.78	20.85	20.73	22.3	2
20	64QAM	50	50	20.65	20.77	20.67		
20	64QAM	100	0	20.73	20.84	20.78		
20	256QAM	1	0	17.68	17.80	17.66		
20	256QAM	1	49	17.66	17.71	17.60	19.3	5
20	256QAM	1	99	17.77	17.87	17.74		
20	256QAM	50	0	17.86	17.91	17.86		
20	256QAM	50	24	17.72	17.84	17.69	19.3	5
20	256QAM	50	50	17.80	17.92	17.85		
20	256QAM	100	0	18.83	18.88	18.85		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	22.71	22.76	22.57	24.3	0
15	QPSK	1	37	22.58	22.64	22.53		
15	QPSK	1	74	22.67	22.72	22.66		
15	QPSK	36	0	22.66	22.75	22.73		
15	QPSK	36	20	22.55	22.65	22.61	24.3	0
15	QPSK	36	39	22.58	22.72	22.68		
15	QPSK	75	0	22.53	22.68	22.70		
15	16QAM	1	0	22.67	22.70	22.61		
15	16QAM	1	37	22.58	22.65	22.49	24.3	0
15	16QAM	1	74	22.54	22.62	22.54		
15	16QAM	36	0	21.75	21.74	21.71		
15	16QAM	36	20	21.59	21.62	21.55	23.3	1
15	16QAM	36	39	21.65	21.73	21.56		
15	16QAM	75	0	21.50	21.67	21.58		
15	64QAM	1	0	21.62	21.70	21.54		
15	64QAM	1	37	21.71	21.82	21.60	23.3	1
15	64QAM	1	74	21.56	21.60	21.57		
15	64QAM	36	0	20.77	20.77	20.71		
15	64QAM	36	20	20.66	20.74	20.65	22.3	2
15	64QAM	36	39	20.51	20.71	20.57		
15	64QAM	75	0	20.62	20.80	20.71		
15	256QAM	1	0	17.56	17.77	17.52		
15	256QAM	1	37	17.55	17.63	17.52	19.3	5
15	256QAM	1	74	17.73	17.76	17.63		
15	256QAM	36	0	17.79	17.85	17.72		
15	256QAM	36	20	17.65	17.79	17.56	19.3	5
15	256QAM	36	39	17.68	17.81	17.60		
15	256QAM	75	0	18.80	18.75	18.77		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	22.73	22.71	22.60	24.3	0
10	QPSK	1	25	22.57	22.69	22.57		
10	QPSK	1	49	22.63	22.66	22.65		
10	QPSK	25	0	22.65	22.80	22.66		
10	QPSK	25	12	22.57	22.70	22.64	24.3	0
10	QPSK	25	25	22.62	22.77	22.69		
10	QPSK	50	0	22.63	22.66	22.61		
10	16QAM	1	0	22.66	22.74	22.62		
10	16QAM	1	25	22.62	22.63	22.51	24.3	0
10	16QAM	1	49	22.48	22.60	22.63		
10	16QAM	25	0	21.68	21.79	21.61		
10	16QAM	25	12	21.58	21.60	21.54	23.3	1
10	16QAM	25	25	21.68	21.66	21.62		
10	16QAM	50	0	21.50	21.65	21.53		
10	64QAM	1	0	21.64	21.70	21.58		
10	64QAM	1	25	21.72	21.80	21.60	23.3	1
10	64QAM	1	49	21.48	21.68	21.55		
10	64QAM	25	0	20.68	20.84	20.78		
10	64QAM	25	12	20.67	20.78	20.67	22.3	2
10	64QAM	25	25	20.59	20.64	20.56		
10	64QAM	50	0	20.68	20.73	20.63		
10	256QAM	1	0	17.55	17.75	17.60		
10	256QAM	1	25	17.58	17.60	17.52	19.3	5
10	256QAM	1	49	17.63	17.74	17.61		
10	256QAM	25	0	17.79	17.84	17.79		
10	256QAM	25	12	17.60	17.80	17.60	19.3	5
10	256QAM	25	25	17.72	17.82	17.77		
10	256QAM	50	0	18.70	18.74	18.80		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	22.69	22.80	22.52	24.3	0
5	QPSK	1	12	22.59	22.72	22.55		
5	QPSK	1	24	22.65	22.67	22.61		
5	QPSK	12	0	22.66	22.71	22.70		
5	QPSK	12	7	22.49	22.65	22.54	24.3	0
5	QPSK	12	13	22.58	22.67	22.72		
5	QPSK	25	0	22.59	22.75	22.67		
5	16QAM	1	0	22.71	22.68	22.61		
5	16QAM	1	12	22.57	22.69	22.59	24.3	0
5	16QAM	1	24	22.51	22.64	22.64		
5	16QAM	12	0	21.71	21.77	21.69		
5	16QAM	12	7	21.59	21.66	21.62	23.3	1
5	16QAM	12	13	21.68	21.76	21.59		
5	16QAM	25	0	21.53	21.65	21.53		
5	64QAM	1	0	21.60	21.71	21.53		
5	64QAM	1	12	21.64	21.82	21.64	23.3	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				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	23.64	23.70	23.59	24.7	0
20	QPSK	1	49	23.52	23.63	23.53		
20	QPSK	1	99	23.39	23.45	23.36		
20	QPSK	50	0	23.49	23.63	23.49	24.7	0
20	QPSK	50	24	23.44	23.56	23.44		
20	QPSK	50	50	23.49	23.58	23.44		
20	QPSK	100	0	23.49	23.60	23.55		
20	16QAM	1	0	23.56	23.64	23.58	24.7	0
20	16QAM	1	49	23.45	23.50	23.35		
20	16QAM	1	99	23.46	23.58	23.49		
20	16QAM	50	0	22.64	22.69	22.56	23.7	1
20	16QAM	50	24	22.47	22.57	22.42		
20	16QAM	50	50	22.51	22.54	22.40		
20	16QAM	100	0	22.55	22.61	22.46		
20	64QAM	1	0	22.59	22.63	22.60	23.7	1
20	64QAM	1	49	22.36	22.48	22.34		
20	64QAM	1	99	22.45	22.55	22.50		
20	64QAM	50	0	21.58	21.67	21.57	22.7	2
20	64QAM	50	24	21.46	21.60	21.55		
20	64QAM	50	50	21.53	21.57	21.49		
20	64QAM	100	0	21.47	21.54	21.44		
20	256QAM	1	0	18.62	18.68	18.62	19.7	5
20	256QAM	1	49	18.51	18.60	18.49		
20	256QAM	1	99	18.42	18.54	18.43		
20	256QAM	50	0	18.49	18.63	18.48	19.7	5
20	256QAM	50	24	18.51	18.57	18.49		
20	256QAM	50	50	18.46	18.50	18.38		
20	256QAM	100	0	18.49	18.59	18.55		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	23.54	23.65	23.53	24.7	0
15	QPSK	1	37	23.41	23.50	23.45		
15	QPSK	1	74	23.34	23.39	23.29		
15	QPSK	36	0	23.37	23.50	23.38	24.7	0
15	QPSK	36	20	23.36	23.41	23.36		
15	QPSK	36	39	23.38	23.51	23.41		
15	QPSK	75	0	23.36	23.45	23.41		
15	16QAM	1	0	23.44	23.55	23.43	24.7	0
15	16QAM	1	37	23.35	23.36	23.25		
15	16QAM	1	74	23.41	23.51	23.41		
15	16QAM	36	0	22.61	22.64	22.50	23.7	1
15	16QAM	36	20	22.41	22.49	22.39		
15	16QAM	36	39	22.44	22.48	22.33		
15	16QAM	75	0	22.41	22.56	22.38		
15	64QAM	1	0	22.48	22.49	22.49	23.7	1
15	64QAM	1	37	22.27	22.39	22.25		
15	64QAM	1	74	22.34	22.44	22.39		
15	64QAM	36	0	21.50	21.62	21.43	22.7	2
15	64QAM	36	20	21.35	21.57	21.41		
15	64QAM	36	39	21.47	21.44	21.37		
15	64QAM	75	0	21.36	21.42	21.38		
15	256QAM	1	0	18.58	18.56	18.57	19.7	5
15	256QAM	1	37	18.41	18.56	18.39		
15	256QAM	1	74	18.30	18.40	18.38		
15	256QAM	36	0	18.37	18.57	18.37	19.7	5
15	256QAM	36	20	18.37	18.43	18.43		
15	256QAM	36	39	18.36	18.35	18.27		
15	256QAM	75	0	18.39	18.44	18.45		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	23.54	23.58	23.53	24.7	0
10	QPSK	1	25	23.42	23.59	23.49		
10	QPSK	1	49	23.28	23.33	23.23		
10	QPSK	25	0	23.44	23.54	23.37	24.7	0
10	QPSK	25	12	23.41	23.49	23.32		
10	QPSK	25	25	23.40	23.51	23.38		
10	QPSK	50	0	23.35	23.54	23.43		
10	16QAM	1	0	23.43	23.57	23.43	24.7	0
10	16QAM	1	25	23.34	23.41	23.21		
10	16QAM	1	49	23.37	23.50	23.40		
10	16QAM	25	0	22.54	22.57	22.44	23.7	1
10	16QAM	25	12	22.40	22.47	22.28		
10	16QAM	25	25	22.43	22.50	22.26		
10	16QAM	50	0	22.52	22.56	22.32		
10	64QAM	1	0	22.54	22.57	22.51	23.7	1
10	64QAM	1	25	22.28	22.38	22.25		
10	64QAM	1	49	22.30	22.46	22.40		
10	64QAM	25	0	21.51	21.55	21.46	22.7	2
10	64QAM	25	12	21.39	21.53	21.45		
10	64QAM	25	25	21.40	21.46	21.37		
10	64QAM	50	0	21.37	21.45	21.34		
10	256QAM	1	0	18.55	18.64	18.50	19.7	5
10	256QAM	1	25	18.43	18.53	18.35		
10	256QAM	1	49	18.27	18.44	18.38		
10	256QAM	25	0	18.45	18.54	18.41	19.7	5
10	256QAM	25	12	18.45	18.51	18.41		
10	256QAM	25	25	18.32	18.37	18.27		
10	256QAM	50	0	18.45	18.45	18.43		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	23.54	23.63	23.47	24.7	0
5	QPSK	1	12	23.43	23.52	23.46		
5	QPSK	1	24	23.29	23.36	23.31		
5	QPSK	12	0	23.40	23.56	23.41	24.7	0
5	QPSK	12	7	23.32	23.53	23.35		
5	QPSK	12	13	23.39	23.48	23.37		
5	QPSK	25	0	23.39	23.55	23.41		
5	16QAM	1	0	23.48	23.58	23.44	24.7	0
5	16QAM	1	12	23.30	23.46	23.26		
5	16QAM	1	24	23.33	23.54	23.36		
5	16QAM	12	0	22.52	22.61	22.44	23.7	1
5	16QAM	12	7	22.43	22.54	22.39		
5	16QAM	12	13	22.43	22.44	22.36		
5	16QAM	25	0	22.41	22.54	22.34		
5	64QAM	1	0	22.46	22.54	22.48	23.7	1
5	64QAM	1	12	22.29	22.45	22.23		
5	64QAM	1	24	22.38	22.51	22.45		
5	64QAM	12	0	21.45	21.56	21.53	22.7	2
5	64QAM	12	7	21.41	21.55	21.41		
5	64QAM	12	13	21.40	21.52	21.45		
5	64QAM	25	0	21.33	21.42	21.37		
5	256QAM	1	0	18.55	18.57	18.53	19.7	5
5	256QAM	1	12	18.45	18.54	18.39		
5	256QAM	1	24	18.31	18.43	18.34		
5	256QAM	12	0	18.43	18.50	18.33	19.7	5
5	256QAM	12	7	18.48	18.46	18.37		
5	256QAM	12	13	18.41	18.40	18.34		
5	256QAM	25	0	18.35	18.55	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	23.71	23.64	23.79	23.50	23.46	24.9	0
20	QPSK	1	49	23.58	23.57	23.63	23.53	23.50		
20	QPSK	1	99	23.55	23.53	23.58	23.53	23.41		
20	QPSK	50	0	23.54	23.58	23.65	23.56	23.47	24.9	0
20	QPSK	50	24	23.55	23.58	23.62	23.48	23.42		
20	QPSK	50	50	23.51	23.45	23.57	23.53	23.38		
20	QPSK	100	0	23.49	23.50	23.60	23.45	23.39		
20	16QAM	1	0	23.58	23.46	23.61	23.54	23.39	24.9	0
20	16QAM	1	49	23.49	23.48	23.56	23.47	23.40		
20	16QAM	1	99	23.33	23.39	23.51	23.44	23.31		
20	16QAM	50	0	22.47	22.51	22.58	22.47	22.41	23.9	1
20	16QAM	50	24	22.42	22.40	22.44	22.39	22.36		
20	16QAM	50	50	22.38	22.37	22.48	22.34	22.34		
20	16QAM	100	0	22.50	22.50	22.60	22.51	22.43		
20	64QAM	1	0	22.59	22.51	22.66	22.53	22.42	23.9	1
20	64QAM	1	49	22.46	22.44	22.58	22.55	22.33		
20	64QAM	1	99	22.51	22.51	22.57	22.43	22.32		
20	64QAM	50	0	21.50	21.43	21.54	21.46	21.30	22.9	2
20	64QAM	50	24	21.31	21.37	21.44	21.32	21.34		
20	64QAM	50	50	21.36	21.34	21.45	21.40	21.27		
20	64QAM	100	0	21.58	21.56	21.63	21.54	21.50		
20	256QAM	1	0	18.51	18.54	18.64	18.51	18.50	19.9	5
20	256QAM	1	49	18.47	18.42	18.50	18.39	18.27		
20	256QAM	1	99	18.44	18.39	18.51	18.42	18.37		
20	256QAM	50	0	18.66	18.62	18.70	18.58	18.57	19.9	5
20	256QAM	50	24	18.56	18.47	18.56	18.45	18.42		
20	256QAM	50	50	18.47	18.56	18.62	18.56	18.35		
20	256QAM	100	0	18.49	18.52	18.59	18.49	18.35		
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	23.67	23.61	23.68	23.38	23.35	24.90	0
15	QPSK	1	37	23.50	23.48	23.50	23.39	23.43		
15	QPSK	1	74	23.46	23.47	23.51	23.43	23.30		
15	QPSK	36	0	23.42	23.48	23.53	23.45	23.42	24.9	0
15	QPSK	36	20	23.50	23.46	23.57	23.44	23.37		
15	QPSK	36	39	23.47	23.30	23.46	23.43	23.28		
15	QPSK	75	0	23.39	23.42	23.49	23.31	23.27		
15	16QAM	1	0	23.44	23.34	23.49	23.41	23.27	24.9	0
15	16QAM	1	37	23.38	23.38	23.51	23.38	23.35		
15	16QAM	1	74	23.28	23.34	23.47	23.39	23.21		
15	16QAM	36	0	22.39	22.37	22.46	22.41	22.37	23.9	1
15	16QAM	36	20	22.28	22.32	22.31	22.25	22.32		
15	16QAM	36	39	22.33	22.33	22.35	22.22	22.26		
15	16QAM	75	0	22.43	22.38	22.57	22.47	22.34		
15	64QAM	1	0	22.54	22.36	22.51	22.47	22.39	23.9	1
15	64QAM	1	37	22.34	22.34	22.54	22.51	22.19		
15	64QAM	1	74	22.38	22.46	22.43	22.37	22.19		
15	64QAM	36	0	21.45	21.35	21.42	21.34	21.22	22.9	2
15	64QAM	36	20	21.22	21.31	21.36	21.22	21.27		
15	64QAM	36	39	21.23	21.22	21.35	21.26	21.16		
15	64QAM	75	0	21.47	21.43	21.52	21.43	21.42		
15	256QAM	1	0	18.46	18.44	18.51	18.46	18.41	19.9	5
15	256QAM	1	37	18.37	18.31	18.44	18.31	18.23		
15	256QAM	1	74	18.39	18.34	18.45	18.35	18.34		
15	256QAM	36	0	18.53	18.56	18.65	18.44	18.53	19.9	5
15	256QAM	36	20	18.47	18.38	18.48	18.38	18.33		
15	256QAM	36	39	18.33	18.45	18.51	18.50	18.30		
15	256QAM	75	0	18.43	18.40	18.49	18.45	18.28		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	23.67	23.53	23.74	23.41	23.35	24.90	0
10	QPSK	1	25	23.44	23.52	23.51	23.41	23.37		
10	QPSK	1	49	23.51	23.48	23.50	23.45	23.32		
10	QPSK	25	0	23.47	23.44	23.55	23.53	23.33	24.9	0
10	QPSK	25	12	23.51	23.55	23.47	23.37	23.39		
10	QPSK	25	25	23.38	23.37	23.49	23.45	23.31		
10	QPSK	50	0	23.38	23.36	23.47	23.31	23.30		
10	16QAM	1	0	23.44	23.37	23.51	23.43	23.27	24.9	0
10	16QAM	1	25	23.35	23.44	23.52	23.39	23.33		
10	16QAM	1	49	23.30	23.35	23.37	23.30	23.17		
10	16QAM	25	0	22.44	22.47	22.47	22.40	22.37	23.9	1
10	16QAM	25	12	22.33	22.28	22.36	22.35	22.23		
10	16QAM	25	25	22.28	22.23	22.43	22.27	22.27		
10	16QAM	50	0	22.42	22.37	22.53	22.39	22.34		
10	64QAM	1	0	22.55	22.41	22.62	22.44	22.29	23.9	1
10	64QAM	1	25	22.40	22.41	22.49	22.46	22.24		
10	64QAM	1	49	22.43	22.40	22.51	22.31	22.28		
10	64QAM	25	0	21.44	21.35	21.42	21.40	21.19	22.9	2
10	64QAM	25	12	21.19	21.26	21.36	21.22	21.22		
10	64QAM	25	25	21.33	21.30	21.38	21.29	21.15		
10	64QAM	50	0	21.48	21.46	21.58	21.49	21.38		
10	256QAM	1	0	18.46	18.45	18.59	18.41	18.40	19.9	5
10	256QAM	1	25	18.41	18.37	18.38	18.30	18.19		
10	256QAM	1	49	18.34	18.32	18.47	18.27	18.24		
10	256QAM	25	0	18.57	18.58	18.65	18.55	18.43	19.9	5
10	256QAM	25	12	18.49	18.34	18.51	18.37	18.29		
10	256QAM	25	25	18.34	18.49	18.52	18.45	18.27		
10	256QAM	50	0	18.43	18.43	18.47	18.40	18.30		
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	23.73	23.42	23.34	24.90	0
5	QPSK	1	12	23.45	23.43	23.50	23.42	23.37		
5	QPSK	1	24	23.41	23.43	23.50	23.41	23.32		
5	QPSK	12	0	23.49	23.53	23.56	23.43	23.41	24.9	0
5	QPSK	12	7	23.45	23.54	23.50	23.45	23.35		
5	QPSK	12	13	23.45	23.31	23.51	23.43	23.33		
5	QPSK	25	0	23.38	23.40	23.46	23.34	23.28		
5	16QAM	1	0	23.54	23.40	23.51	23.49	23.24	24.9	0
5	16QAM	1	12	23.40	23.38	23.48	23.42	23.34		
5	16QAM	1	24	23.28	23.28	23.48	23.38	23.25		
5	16QAM	12	0	22.39	22.41	22.53	22.35	22.26	23.9	1
5	16QAM	12	7	22.33	22.33	22.39	22.26	22.22		
5	16QAM	12	13	22.27	22.23	22.36	22.24	22.25		
5	16QAM	25	0	22.38	22.45	22.45	22.40	22.37		
5	64QAM	1	0	22.53	22.44	22.59	22.50	22.35	23.9	1
5	64QAM	1	12	22.36	22.38	22.44	22.51	22.24		
5	64QAM	1	24	22.39	22.37	22.51	22.32	22.27		
5	64QAM	12	0	21.47	21.38	21.41	21.38	21.16	22.9	2
5	64QAM	12	7	21.19	21.27	21.40	21.18	21.24		
5	64QAM	12	13	21.23	21.27	21.31	21.28	21.12		
5	64QAM	25	0	21.46	21.47	21.57	21.40	21.42		
5	256QAM	1	0	18.45	18.47	18.61	18.41	18.45	19.9	5
5	256QAM	1	12	18.34	18.37	18.40	18.24	18.23		
5	256QAM	1	24	18.40	18.30	18.45	18.34	18.23		
5	256QAM	12	0	18.57	18.52	18.67	18.44	18.46	19.9	5
5	256QAM	12	7	18.42	18.34	18.52	18.32	18.27		
5	256QAM	12	13	18.40	18.45	18.48	18.46	18.30		
5	256QAM	25	0	18.44	18.49	18.45	18.40	18.31		

	GSM850 Ant1 DSI1							
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	28.56	28.43	28.63	29.50	19.56	19.43	19.63	20.50
GPRS 1 Tx slot	28.42	28.42	28.60	29.50	19.42	19.42	19.60	20.50
GPRS 2 Tx slots	25.42	25.19	25.33	26.50	19.42	19.19	19.33	20.50
GPRS 3 Tx slots	23.59	23.51	23.65	24.70	19.33	19.25	19.39	20.44
GPRS 4 Tx slots	22.02	22.09	21.97	23.50	19.02	19.09	18.97	20.50
EDGE 1 Tx slot	26.67	26.59	26.73	28.30	17.67	17.59	17.73	19.30
EDGE 2 Tx slots	23.62	23.57	23.62	25.30	17.62	17.57	17.62	19.30
EDGE 3 Tx slots	21.68	21.62	21.78	23.50	17.42	17.36	17.52	19.24
EDGE 4 Tx slots	20.56	20.51	20.68	22.30	17.56	17.51	17.68	19.30

		WCDMA V Ant1 DSI1			
Band		WCDMA V			Tune-up Limit (dBm)
TX Channel		4132	4182	4233	
Rx Channel		4357	4407	4458	
Frequency (MHz)		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	20.06	20.08	20.04	21.70
3GPP Rel 99	RMC 12.2Kbps	20.09	20.17	20.13	21.70
3GPP Rel 6	HSDPA Subtest-1	19.06	19.21	19.24	20.70
3GPP Rel 6	HSDPA Subtest-2	19.18	19.13	19.06	20.70
3GPP Rel 6	HSDPA Subtest-3	18.48	18.62	18.61	20.20
3GPP Rel 6	HSDPA Subtest-4	18.66	18.75	18.62	20.20
3GPP Rel 8	DC-HSDPA Subtest-1	19.12	19.35	19.05	20.70
3GPP Rel 8	DC-HSDPA Subtest-2	19.08	19.31	19.16	20.70
3GPP Rel 8	DC-HSDPA Subtest-3	18.53	18.79	18.61	20.20
3GPP Rel 8	DC-HSDPA Subtest-4	18.67	18.81	18.58	20.20
3GPP Rel 6	HSUPA Subtest-1	19.08	19.29	19.28	20.70
3GPP Rel 6	HSUPA Subtest-2	17.06	17.34	17.22	18.70
3GPP Rel 6	HSUPA Subtest-3	18.18	18.29	18.03	19.70
3GPP Rel 6	HSUPA Subtest-4	17.06	17.21	17.18	18.70
3GPP Rel 6	HSUPA Subtest-5	19.11	19.12	19.11	20.70
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	16.67	16.65	16.67	18.20

Band 5 Ant1 DSI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	20.56	20.62	20.53	22.2	0
10	QPSK	1	25	20.46	20.51	20.42		
10	QPSK	1	49	20.49	20.55	20.50		
10	QPSK	25	0	20.47	20.57	20.49	22.2	0
10	QPSK	25	12	20.44	20.54	20.45		
10	QPSK	25	25	20.45	20.49	20.39		
10	QPSK	50	0	20.42	20.50	20.42		
10	16QAM	1	0	20.41	20.46	20.37	22.2	0
10	16QAM	1	25	20.41	20.52	20.47		
10	16QAM	1	49	20.46	20.52	20.42		
10	16QAM	25	0	20.40	20.47	20.36	22.2	0
10	16QAM	25	12	20.43	20.54	20.50		
10	16QAM	25	25	20.46	20.56	20.51		
10	16QAM	50	0	20.47	20.57	20.51		
10	64QAM	1	0	20.37	20.47	20.37	22.2	0
10	64QAM	1	25	20.43	20.50	20.43		
10	64QAM	1	49	20.31	20.42	20.35		
10	64QAM	25	0	20.51	20.56	20.46	22.2	0
10	64QAM	25	12	20.41	20.50	20.43		
10	64QAM	25	25	20.36	20.46	20.40		
10	64QAM	50	0	20.43	20.52	20.47		
10	256QAM	1	0	19.12	19.18	19.14	20.7	1.5
10	256QAM	1	25	19.00	19.09	19.06		
10	256QAM	1	49	19.08	19.12	19.04		
10	256QAM	25	0	19.04	19.09	19.00	20.7	1.5
10	256QAM	25	12	18.92	18.97	18.93		
10	256QAM	25	25	18.82	18.92	18.85		
10	256QAM	50	0	19.03	19.06	19.00		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	20.53	20.48	20.38	22.2	0
5	QPSK	1	12	20.38	20.42	20.35		
5	QPSK	1	24	20.39	20.45	20.45		
5	QPSK	12	0	20.43	20.53	20.39	22.2	0
5	QPSK	12	7	20.35	20.41	20.39		
5	QPSK	12	13	20.37	20.42	20.33		
5	QPSK	25	0	20.31	20.36	20.39		
5	16QAM	1	0	20.31	20.35	20.34	22.2	0
5	16QAM	1	12	20.28	20.41	20.40		
5	16QAM	1	24	20.34	20.40	20.33		
5	16QAM	12	0	20.25	20.41	20.29	22.2	0
5	16QAM	12	7	20.37	20.42	20.44		
5	16QAM	12	13	20.34	20.45	20.46		
5	16QAM	25	0	20.39	20.43	20.42		
5	64QAM	1	0	20.30	20.38	20.32	22.2	0
5	64QAM	1	12	20.29	20.44	20.37		
5	64QAM	1	24	20.28	20.34	20.30		
5	64QAM	12	0	20.45	20.52	20.32	22.2	0
5	64QAM	12	7	20.37	20.45	20.33		
5	64QAM	12	13	20.28	20.32	20.29		
5	64QAM	25	0	20.31	20.46	20.33		
5	256QAM	1	0	19.02	19.06	19.03	20.7	1.5
5	256QAM	1	12	18.91	19.00	19.00		
5	256QAM	1	24	19.03	19.00	18.99		
5	256QAM	12	0	18.95	18.99	18.87	20.7	1.5
5	256QAM	12	7	18.84	18.89	18.79		
5	256QAM	12	13	18.74	18.84	18.80		
5	256QAM	25	0	18.91	19.03	18.95		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	20.41	20.50	20.42	22.2	0
3	QPSK	1	8	20.35	20.46	20.34		
3	QPSK	1	14	20.40	20.51	20.43		
3	QPSK	8	0	20.39	20.52	20.35	22.2	0
3	QPSK	8	4	20.30	20.51	20.42		
3	QPSK	8	7	20.34	20.42	20.32		
3	QPSK	15	0	20.30	20.41	20.35		
3	16QAM	1	0	20.29	20.38	20.33	22.2	0
3	16QAM	1	8	20.31	20.37	20.41		
3	16QAM	1	14	20.33	20.44	20.35		
3	16QAM	8	0	20.32	20.41	20.27	22.2	0
3	16QAM	8	4	20.38	20.41	20.43		
3	16QAM	8	7	20.37	20.50	20.48		
3	16QAM	15	0	20.34	20.46	20.37		
3	64QAM	1	0	20.29	20.34	20.23	22.2	0
3	64QAM	1	8	20.30	20.36	20.35		
3	64QAM	1	14	20.26	20.32	20.28		
3	64QAM	8	0	20.38	20.41	20.36	22.2	0
3	64QAM	8	4	20.33	20.37	20.28		
3	64QAM	8	7	20.31	20.38	20.36		
3	64QAM	15	0	20.40	20.44	20.32		
3	256QAM	1	0	19.06	19.10	19.06	20.7	1.5
3	256QAM	1	8	18.93	19.01	19.03		
3	256QAM	1	14	19.04	19.08	18.91		
3	256QAM	8	0	18.99	19.06	18.93	20.7	1.5
3	256QAM	8	4	18.87	18.90	18.80		
3	256QAM	8	7	18.72	18.84	18.74		
3	256QAM	15	0	18.88	18.97	18.86		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	20.50	20.58	20.42	22.2	0
1.4	QPSK	1	3	20.34	20.39	20.36		
1.4	QPSK	1	5	20.43	20.44	20.47		
1.4	QPSK	3	0	20.35	20.46	20.35		
1.4	QPSK	3	1	20.35	20.49	20.31		
1.4	QPSK	3	3	20.32	20.38	20.32		
1.4	QPSK	6	0	20.38	20.43	20.32	22.2	0
1.4	16QAM	1	0	20.26	20.39	20.29	22.2	0
1.4	16QAM	1	3	20.34	20.40	20.38		
1.4	16QAM	1	5	20.33	20.49	20.39		
1.4	16QAM	3	0	20.31	20.41	20.25		
1.4	16QAM	3	1	20.31	20.50	20.46		
1.4	16QAM	3	3	20.42	20.44	20.43		
1.4	16QAM	6	0	20.35	20.46	20.44	22.2	0
1.4	64QAM	1	0	20.29	20.43	20.27	22.2	0
1.4	64QAM	1	3	20.39	20.42	20.28		
1.4	64QAM	1	5	20.25	20.31	20.24		
1.4	64QAM	3	0	20.46	20.49	20.40		
1.4	64QAM	3	1	20.32	20.37	20.38		
1.4	64QAM	3	3	20.22	20.42	20.33		
1.4	64QAM	6	0	20.29	20.48	20.34	22.2	0
1.4	256QAM	1	0	19.07	19.05	19.00	20.7	1.5
1.4	256QAM	1	3	18.86	18.96	18.95		
1.4	256QAM	1	5	18.99	18.98	18.93		
1.4	256QAM	3	0	18.90	19.00	18.94		
1.4	256QAM	3	1	18.89	18.82	18.78		
1.4	256QAM	3	3	18.74	18.87	18.82		
1.4	256QAM	6	0	18.95	19.03	18.87	20.7	1.5

Band 12 Ant1 DSI1

BW [MHz]	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	21.18	21.24	21.09	22.7	0
10	QPSK	1	25	21.04	21.12	21.05		
10	QPSK	1	49	21.09	21.15	21.05		
10	QPSK	25	0	21.16	21.20	21.08	22.7	0
10	QPSK	25	12	21.06	21.11	20.97		
10	QPSK	25	25	21.10	21.13	21.08		
10	QPSK	50	0	21.00	21.08	20.94		
10	16QAM	1	0	21.03	21.09	21.01	22.7	0
10	16QAM	1	25	21.06	21.17	21.04		
10	16QAM	1	49	21.15	21.19	21.12		
10	16QAM	25	0	20.99	21.10	20.99	22.7	0
10	16QAM	25	12	21.13	21.21	21.07		
10	16QAM	25	25	21.09	21.14	21.02		
10	16QAM	50	0	21.03	21.15	21.12		
10	64QAM	1	0	21.03	21.16	21.03	22.7	0
10	64QAM	1	25	21.09	21.19	21.12		
10	64QAM	1	49	20.94	21.08	20.94		
10	64QAM	25	0	21.09	21.12	21.07	22.7	0
10	64QAM	25	12	21.04	21.17	21.04		
10	64QAM	25	25	21.14	21.21	21.11		
10	64QAM	50	0	21.04	21.10	21.04		
10	256QAM	1	0	19.08	19.18	19.11	20.7	2
10	256QAM	1	25	19.02	19.11	19.08		
10	256QAM	1	49	19.05	19.11	19.07		
10	256QAM	25	0	18.90	19.02	18.89	20.7	2
10	256QAM	25	12	18.85	18.92	18.84		
10	256QAM	25	25	18.85	18.97	18.91		
10	256QAM	50	0	18.87	18.99	18.92		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	21.04	21.13	20.96	22.7	0
5	QPSK	1	12	20.93	21.09	20.90		
5	QPSK	1	24	21.04	21.08	20.97		
5	QPSK	12	0	21.13	21.17	21.02	22.7	0
5	QPSK	12	7	21.01	21.04	20.93		
5	QPSK	12	13	21.04	21.02	20.99		
5	QPSK	25	0	20.87	21.00	20.90		
5	16QAM	1	0	20.99	21.05	20.90	22.7	0
5	16QAM	1	12	21.01	21.09	20.91		
5	16QAM	1	24	21.11	21.11	21.03		
5	16QAM	12	0	20.91	21.06	20.87	22.7	0
5	16QAM	12	7	21.08	21.15	20.93		
5	16QAM	12	13	21.05	21.00	20.98		
5	16QAM	25	0	20.89	21.12	21.08		
5	64QAM	1	0	20.99	21.09	20.94	22.7	0
5	64QAM	1	12	21.01	21.07	21.06		
5	64QAM	1	24	20.87	21.02	20.85		
5	64QAM	12	0	20.96	21.03	20.96	22.7	0
5	64QAM	12	7	20.99	21.14	21.01		
5	64QAM	12	13	21.09	21.11	21.00		
5	64QAM	25	0	21.01	21.02	20.95		
5	256QAM	1	0	19.01	19.10	18.99	20.7	2
5	256QAM	1	12	18.96	19.03	18.96		
5	256QAM	1	24	18.92	19.00	19.03		
5	256QAM	12	0	18.85	18.89	18.80	20.7	2
5	256QAM	12	7	18.79	18.80	18.72		
5	256QAM	12	13	18.72	18.91	18.77		
5	256QAM	25	0	18.84	18.85	18.86		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	21.12	21.21	20.98	22.7	0
3	QPSK	1	8	20.91	21.04	20.91		
3	QPSK	1	14	21.03	21.12	20.95		
3	QPSK	8	0	21.10	21.11	20.95	22.7	0
3	QPSK	8	4	21.02	20.96	20.89		
3	QPSK	8	7	21.06	20.98	20.94		
3	QPSK	15	0	20.92	21.03	20.86		
3	16QAM	1	0	20.93	21.04	20.91	22.7	0
3	16QAM	1	8	21.01	21.04	20.95		
3	16QAM	1	14	21.06	21.15	21.00		
3	16QAM	8	0	20.85	20.99	20.88	22.7	0
3	16QAM	8	4	21.07	21.11	21.01		
3	16QAM	8	7	21.05	21.03	20.94		
3	16QAM	15	0	20.97	21.06	21.01		
3	64QAM	1	0	20.96	21.10	20.93	22.7	0
3	64QAM	1	8	20.97	21.14	21.08		
3	64QAM	1	14	20.80	21.02	20.84		
3	64QAM	8	0	21.02	21.06	21.01	22.7	0
3	64QAM	8	4	20.93	21.07	20.95		
3	64QAM	8	7	21.05	21.17	20.99		
3	64QAM	15	0	20.93	21.05	20.96		
3	256QAM	1	0	18.93	19.12	19.06	20.7	2
3	256QAM	1	8	18.93	19.03	18.94		
3	256QAM	1	14	19.01	19.03	18.92		
3	256QAM	8	0	18.78	18.92	18.74	20.7	2
3	256QAM	8	4	18.72	18.83	18.77		
3	256QAM	8	7	18.80	18.94	18.87		
3	256QAM	15	0	18.75	18.85	18.88		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	21.05	21.20	21.02	22.7	0
1.4	QPSK	1	3	20.93	21.07	20.97		
1.4	QPSK	1	5	20.97	21.08	20.95		
1.4	QPSK	3	0	21.01	21.07	20.97		
1.4	QPSK	3	1	20.94	21.07	20.89		
1.4	QPSK	3	3	21.00	21.01	20.98		
1.4	QPSK	6	0	20.96	20.99	20.82	22.7	0
1.4	16QAM	1	0	20.92	21.05	20.86	22.7	0
1.4	16QAM	1	3	20.98	21.02	20.89		
1.4	16QAM	1	5	21.08	21.12	21.00		
1.4	16QAM	3	0	20.87	20.98	20.86		
1.4	16QAM	3	1	20.99	21.13	20.96		
1.4	16QAM	3	3	20.96	21.09	20.91		
1.4	16QAM	6	0	20.96	21.10	21.05	22.7	0
1.4	64QAM	1	0	20.91	21.09	20.94	22.7	0
1.4	64QAM	1	3	21.06	21.11	21.01		
1.4	64QAM	1	5	20.89	20.97	20.89		
1.4	64QAM	3	0	20.98	21.07	20.95		
1.4	64QAM	3	1	20.94	21.14	20.96		
1.4	64QAM	3	3	21.01	21.15	21.00		
1.4	64QAM	6	0	20.90	20.99	20.97	22.7	0
1.4	256QAM	1	0	19.01	19.13	18.99	20.7	2
1.4	256QAM	1	3	18.93	19.00	18.98		
1.4	256QAM	1	5	18.93	19.04	18.94		
1.4	256QAM	3	0	18.80	18.92	18.75		
1.4	256QAM	3	1	18.77	18.89	18.77		
1.4	256QAM	3	3	18.76	18.94	18.87		
1.4	256QAM	6	0	18.80	18.90	18.84	20.7	2

Band 13 Ant1 DSI1

BW [MHz]	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		21.23		22.7	0
10	QPSK	1	25		21.09			
10	QPSK	1	49		21.10			
10	QPSK	25	0		21.22		22.7	0
10	QPSK	25	12		21.17			
10	QPSK	25	25		21.18			
10	QPSK	50	0		21.19			
10	16QAM	1	0		21.21		22.7	0
10	16QAM	1	25		21.13			
10	16QAM	1	49		21.16			
10	16QAM	25	0		21.11		22.7	0
10	16QAM	25	12		21.09			
10	16QAM	25	25		21.22			
10	16QAM	50	0		21.09			
10	64QAM	1	0		21.10		22.7	0
10	64QAM	1	25		21.18			
10	64QAM	1	49		21.13			
10	64QAM	25	0		21.19		22.7	0
10	64QAM	25	12		21.20			
10	64QAM	25	25		21.10			
10	64QAM	50	0		21.12			
10	256QAM	1	0		19.08		20.7	2
10	256QAM	1	25		18.94			
10	256QAM	1	49		18.90			
10	256QAM	25	0		18.98		20.7	2
10	256QAM	25	12		18.87			
10	256QAM	25	25		18.85			
10	256QAM	50	0		18.87			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	21.11	21.10	21.16	22.7	0
5	QPSK	1	12	20.96	20.96	21.00		
5	QPSK	1	24	20.98	20.96	20.98		
5	QPSK	12	0	21.14	21.08	21.10	22.7	0
5	QPSK	12	7	21.12	21.12	21.06		
5	QPSK	12	13	21.03	21.13	21.09		
5	QPSK	25	0	21.11	21.14	21.11		
5	16QAM	1	0	21.16	21.15	21.15	22.7	0
5	16QAM	1	12	21.06	20.98	21.08		
5	16QAM	1	24	21.09	21.05	21.02		
5	16QAM	12	0	21.04	20.98	21.04	22.7	0
5	16QAM	12	7	20.98	20.99	20.97		
5	16QAM	12	13	21.08	21.10	21.08		
5	16QAM	25	0	20.97	20.97	21.06		
5	64QAM	1	0	21.01	21.07	20.95	22.7	0
5	64QAM	1	12	21.14	21.09	21.06		
5	64QAM	1	24	21.10	21.11	21.14		
5	64QAM	12	0	21.09	21.10	21.11	22.7	0
5	64QAM	12	7	21.12	21.16	21.09		
5	64QAM	12	13	20.99	20.99	20.97		
5	64QAM	25	0	20.97	21.02	21.04		
5	256QAM	1	0	18.94	19.01	18.99	20.7	2
5	256QAM	1	12	18.81	18.90	18.86		
5	256QAM	1	24	18.84	18.83	18.76		
5	256QAM	12	0	18.87	18.85	18.83	20.7	2
5	256QAM	12	7	18.79	18.73	18.75		
5	256QAM	12	13	18.80	18.76	18.74		
5	256QAM	25	0	18.73	18.80	18.83		

Band 17 Ant1 Default

BW [MHz]	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	24.27	24.43	24.25	25.7	0
10	QPSK	1	25	24.13	24.19	24.21		
10	QPSK	1	49	24.12	24.15	24.07		
10	QPSK	25	0	24.28	24.36	24.27	25.7	0
10	QPSK	25	12	24.10	24.32	24.26		
10	QPSK	25	25	24.28	24.34	24.29		
10	QPSK	50	0	24.12	24.31	24.20		
10	16QAM	1	0	24.28	24.41	24.28	25.7	0
10	16QAM	1	25	24.27	24.37	24.20		
10	16QAM	1	49	24.18	24.33	24.20		
10	16QAM	25	0	23.38	23.38	23.38	24.7	1
10	16QAM	25	12	23.25	23.36	23.31		
10	16QAM	25	25	23.20	23.36	23.21		
10	16QAM	50	0	23.22	23.28	23.23		
10	64QAM	1	0	23.36	23.41	23.28	24.7	1
10	64QAM	1	25	23.40	23.40	23.33		
10	64QAM	1	49	23.29	23.38	23.30		
10	64QAM	25	0	22.31	22.30	22.26	23.7	2
10	64QAM	25	12	22.19	22.28	22.25		
10	64QAM	25	25	22.04	22.16	22.11		
10	64QAM	50	0	22.24	22.32	22.27		
10	256QAM	1	0	19.27	19.33	19.25	20.7	5
10	256QAM	1	25	19.23	19.32	19.23		
10	256QAM	1	49	19.24	19.28	19.23		
10	256QAM	25	0	19.22	19.28	19.14	20.7	5
10	256QAM	25	12	19.06	19.20	19.05		
10	256QAM	25	25	19.08	19.09	19.09		
10	256QAM	50	0	19.17	19.24	19.17		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	24.16	24.38	24.19	25.7	0
5	QPSK	1	12	24.02	24.11	24.08		
5	QPSK	1	24	24.02	24.06	24.00		
5	QPSK	12	0	24.19	24.32	24.21	25.7	0
5	QPSK	12	7	24.08	24.19	24.19		
5	QPSK	12	13	24.14	24.24	24.22		
5	QPSK	25	0	24.08	24.19	24.10		
5	16QAM	1	0	24.19	24.36	24.20	25.7	0
5	16QAM	1	12	24.20	24.29	24.14		
5	16QAM	1	24	24.07	24.29	24.08		
5	16QAM	12	0	23.35	23.27	23.33	24.7	1
5	16QAM	12	7	23.15	23.26	23.23		
5	16QAM	12	13	23.15	23.28	23.10		
5	16QAM	25	0	23.12	23.21	23.12		
5	64QAM	1	0	23.32	23.28	23.15	24.7	1
5	64QAM	1	12	23.33	23.27	23.27		
5	64QAM	1	24	23.14	23.26	23.26		
5	64QAM	12	0	22.22	22.17	22.16	23.7	2
5	64QAM	12	7	22.14	22.24	22.14		
5	64QAM	12	13	22.04	22.06	22.01		
5	64QAM	25	0	22.14	22.28	22.17		
5	256QAM	1	0	19.17	19.23	19.16	20.7	5
5	256QAM	1	12	19.13	19.26	19.09		
5	256QAM	1	24	19.11	19.22	19.20		
5	256QAM	12	0	19.11	19.16	19.01	20.7	5
5	256QAM	12	7	19.03	19.17	19.00		
5	256QAM	12	13	19.18	19.19	19.09		
5	256QAM	25	0	19.05	19.12	19.06		

Band 26 Ant1 DSI1

BW [MHz]	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	19.98	20.09	19.94	21.7	0
15	QPSK	1	37	19.98	20.03	20.00		
15	QPSK	1	74	19.88	19.95	19.82		
15	QPSK	36	0	19.92	20.01	19.97	21.7	0
15	QPSK	36	20	19.91	19.97	19.91		
15	QPSK	36	39	19.93	19.97	19.91		
15	QPSK	75	0	19.86	19.99	19.92		
15	16QAM	1	0	19.82	19.93	19.84	21.7	0
15	16QAM	1	37	19.95	20.02	19.94		
15	16QAM	1	74	19.92	20.02	19.93		
15	16QAM	36	0	19.93	19.97	19.93	21.7	0
15	16QAM	36	20	19.82	19.95	19.82		
15	16QAM	36	39	19.94	20.04	19.90		
15	16QAM	75	0	19.86	19.96	19.84		
15	64QAM	1	0	19.96	20.05	19.92	21.7	0
15	64QAM	1	37	19.85	19.95	19.90		
15	64QAM	1	74	19.90	19.98	19.93		
15	64QAM	36	0	19.84	19.96	19.88	21.7	0
15	64QAM	36	20	19.94	19.99	19.92		
15	64QAM	36	39	19.97	20.06	19.94		
15	64QAM	75	0	19.92	20.03	19.88		
15	256QAM	1	0	19.11	19.12	19.12	20.7	1
15	256QAM	1	37	18.98	19.09	18.97		
15	256QAM	1	74	18.94	19.04	19.00		
15	256QAM	36	0	19.11	19.24	19.13	20.7	1
15	256QAM	36	20	18.99	19.07	18.97		
15	256QAM	36	39	19.14	19.13	19.06		
15	256QAM	75	0	19.10	19.19	19.11		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	19.90	20.02	19.80	21.7	0
10	QPSK	1	25	19.92	19.91	19.91		
10	QPSK	1	49	19.79	19.86	19.76		
10	QPSK	25	0	19.83	19.89	19.94	21.7	0
10	QPSK	25	12	19.82	19.86	19.80		
10	QPSK	25	25	19.85	19.88	19.86		
10	QPSK	50	0	19.79	19.84	19.86		
10	16QAM	1	0	19.81	19.80	19.77	21.7	0
10	16QAM	1	25	19.84	19.93	19.83		
10	16QAM	1	49	19.84	19.97	19.82		
10	16QAM	25	0	19.84	19.91	19.86	21.7	0
10	16QAM	25	12	19.78	19.83	19.75		
10	16QAM	25	25	19.81	19.92	19.83		
10	16QAM	50	0	19.74	19.84	19.71		
10	64QAM	1	0	19.89	19.91	19.78	21.7	0
10	64QAM	1	25	19.76	19.90	19.86		
10	64QAM	1	49	19.82	19.89	19.84		
10	64QAM	25	0	19.76	19.82	19.78	21.7	0
10	64QAM	25	12	19.86	19.90	19.87		
10	64QAM	25	25	19.82	19.99	19.86		
10	64QAM	50	0	19.81	19.92	19.82		
10	256QAM	1	0	18.96	19.01	19.02	20.7	1
10	256QAM	1	25	18.89	18.96	18.94		
10	256QAM	1	49	18.84	18.96	18.95		
10	256QAM	25	0	19.00	19.14	19.03	20.7	1
10	256QAM	25	12	18.90	18.93	18.90		
10	256QAM	25	25	19.01	18.99	18.93		
10	256QAM	50	0	19.06	19.08	19.03		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	19.84	19.97	19.87	21.7	0
5	QPSK	1	12	19.91	19.88	19.91		
5	QPSK	1	24	19.85	19.81	19.72		
5	QPSK	12	0	19.84	19.90	19.90	21.7	0
5	QPSK	12	7	19.88	19.83	19.81		
5	QPSK	12	13	19.82	19.84	19.78		
5	QPSK	25	0	19.75	19.93	19.86		
5	16QAM	1	0	19.72	19.83	19.81	21.7	0
5	16QAM	1	12	19.83	19.92	19.90		
5	16QAM	1	24	19.83	19.97	19.88		
5	16QAM	12	0	19.86	19.85	19.82	21.7	0
5	16QAM	12	7	19.78	19.84	19.76		
5	16QAM	12	13	19.88	19.91	19.84		
5	16QAM	25	0	19.80	19.90	19.75		
5	64QAM	1	0	19.88	19.98	19.78	21.7	0
5	64QAM	1	12	19.71	19.81	19.82		
5	64QAM	1	24	19.76	19.92	19.85		
5	64QAM	12	0	19.70	19.84	19.80	21.7	0
5	64QAM	12	7	19.88	19.96	19.87		
5	64QAM	12	13	19.88	19.99	19.82		
5	64QAM	25	0	19.88	19.90	19.75		
5	256QAM	1	0	19.05	19.00	19.06	20.7	1
5	256QAM	1	12	18.84	19.01	18.90		
5	256QAM	1	24	18.83	18.90	18.92		
5	256QAM	12	0	19.04	19.09	19.00	20.7	1
5	256QAM	12	7	18.92	19.01	18.87		
5	256QAM	12	13	19.11	18.99	18.99		
5	256QAM	25	0	18.97	19.15	19.06		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	19.89	20.03	19.89	21.7	0
3	QPSK	1	8	19.89	19.95	19.95		
3	QPSK	1	14	19.73	19.85	19.76		
3	QPSK	8	0	19.88	19.94	19.90	21.7	0
3	QPSK	8	4	19.81	19.91	19.81		
3	QPSK	8	7	19.80	19.86	19.84		
3	QPSK	15	0	19.76	19.91	19.86		
3	16QAM	1	0	19.72	19.81	19.74	21.7	0
3	16QAM	1	8	19.82	19.96	19.86		
3	16QAM	1	14	19.83	19.96	19.89		
3	16QAM	8	0	19.82	19.91	19.86	21.7	0
3	16QAM	8	4	19.78	19.87	19.73		
3	16QAM	8	7	19.80	19.99	19.76		
3	16QAM	15	0	19.81	19.90	19.71		
3	64QAM	1	0	19.82	19.94	19.87	21.7	0
3	64QAM	1	8	19.71	19.82	19.82		
3	64QAM	1	14	19.86	19.93	19.89		
3	64QAM	8	0	19.72	19.84	19.84	21.7	0
3	64QAM	8	4	19.90	19.91	19.78		
3	64QAM	8	7	19.91	19.96	19.86		
3	64QAM	15	0	19.82	19.93	19.74		
3	256QAM	1	0	19.01	19.01	19.07	20.7	1
3	256QAM	1	8	18.90	19.02	18.92		
3	256QAM	1	14	18.88	18.90	18.96		
3	256QAM	8	0	19.04	19.10	19.03	20.7	1
3	256QAM	8	4	18.88	18.94	18.90		
3	256QAM	8	7	19.02	19.06	19.01		
3	256QAM	15	0	19.05	19.15	18.98		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	19.86	20.00	19.91	21.7	0
1.4	QPSK	1	3	19.93	19.89	19.90		
1.4	QPSK	1	5	19.74	19.89	19.72		
1.4	QPSK	3	0	19.89	19.90	19.93		
1.4	QPSK	3	1	19.87	19.90	19.79		
1.4	QPSK	3	3	19.84	19.85	19.84		
1.4	QPSK	6	0	19.80	19.93	19.83	21.7	0
1.4	16QAM	1	0	19.73	19.81	19.70	21.7	0
1.4	16QAM	1	3	19.84	19.99	19.87		
1.4	16QAM	1	5	19.83	19.93	19.89		
1.4	16QAM	3	0	19.85	19.91	19.89		
1.4	16QAM	3	1	19.75	19.89	19.77		
1.4	16QAM	3	3	19.85	19.96	19.83		
1.4	16QAM	6	0	19.77	19.88	19.79	21.7	0
1.4	64QAM	1	0	19.89	20.02	19.77	21.7	0
1.4	64QAM	1	3	19.72	19.86	19.77		
1.4	64QAM	1	5	19.85	19.84	19.84		
1.4	64QAM	3	0	19.70	19.82	19.77		
1.4	64QAM	3	1	19.90	19.93	19.77		
1.4	64QAM	3	3	19.93	19.97	19.88		
1.4	64QAM	6	0	19.85	19.89	19.84	21.7	0
1.4	256QAM	1	0	18.96	19.00	18.99	20.7	1
1.4	256QAM	1	3	18.94	19.04	18.86		
1.4	256QAM	1	5	18.81	18.98	18.88		
1.4	256QAM	3	0	19.02	19.12	19.09		
1.4	256QAM	3	1	18.85	18.93	18.91		
1.4	256QAM	3	3	19.00	19.01	18.97		
1.4	256QAM	6	0	18.99	19.07	19.04	20.7	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				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	20.09	20.17	20.04		
20	QPSK	1	49	20.05	20.11	20.04	21.5	0
20	QPSK	1	99	19.93	20.05	19.92		
20	QPSK	50	0	20.10	20.15	20.02		
20	QPSK	50	24	20.00	20.06	19.96	21.5	0
20	QPSK	50	50	20.01	20.11	20.01		
20	QPSK	100	0	20.05	20.12	19.97		
20	16QAM	1	0	20.08	20.12	20.03		
20	16QAM	1	49	20.01	20.16	20.06	21.5	0
20	16QAM	1	99	20.10	20.15	20.00		
20	16QAM	50	0	20.02	20.11	20.01		
20	16QAM	50	24	19.94	20.08	20.04	21.5	0
20	16QAM	50	50	20.11	20.14	20.09		
20	16QAM	100	0	19.93	20.05	20.00		
20	64QAM	1	0	20.04	20.10	19.97		
20	64QAM	1	49	20.12	20.16	20.13	21.5	0
20	64QAM	1	99	19.99	20.04	20.00		
20	64QAM	50	0	19.99	20.07	19.99		
20	64QAM	50	24	20.02	20.10	20.06	21.5	0
20	64QAM	50	50	19.93	20.05	19.98		
20	64QAM	100	0	20.02	20.14	20.03		
20	256QAM	1	0	17.48	17.54	17.55		
20	256QAM	1	49	17.44	17.57	17.53	19	2.5
20	256QAM	1	99	17.40	17.52	17.49		
20	256QAM	50	0	17.43	17.53	17.46		
20	256QAM	50	24	17.46	17.53	17.40	19	2.5
20	256QAM	50	50	17.37	17.43	17.45		
20	256QAM	100	0	17.45	17.56	17.52		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	20.05	20.09	19.97		
15	QPSK	1	37	19.98	19.96	20.00	21.5	0
15	QPSK	1	74	19.87	19.92	19.78		
15	QPSK	36	0	20.06	20.04	19.88		
15	QPSK	36	20	19.95	19.97	19.84	21.5	0
15	QPSK	36	39	19.89	20.07	19.96		
15	QPSK	75	0	20.01	20.09	19.86		
15	16QAM	1	0	20.02	20.03	19.96		
15	16QAM	1	37	19.94	20.07	19.92	21.5	0
15	16QAM	1	74	20.03	20.11	19.87		
15	16QAM	36	0	19.98	20.07	19.93		
15	16QAM	36	20	19.88	20.02	19.94	21.5	0
15	16QAM	36	39	19.99	20.01	20.03		
15	16QAM	75	0	19.84	19.94	19.93		
15	64QAM	1	0	19.98	19.97	19.92		
15	64QAM	1	37	20.06	20.11	20.06	21.5	0
15	64QAM	1	74	19.86	19.95	19.92		
15	64QAM	36	0	19.96	20.01	19.93		
15	64QAM	36	20	19.95	20.02	20.01	21.5	0
15	64QAM	36	39	19.79	19.97	19.86		
15	64QAM	75	0	19.93	20.08	19.91		
15	256QAM	1	0	17.45	17.40	17.52		
15	256QAM	1	37	17.36	17.54	17.38	19	2.5
15	256QAM	1	74	17.31	17.37	17.41		
15	256QAM	36	0	17.32	17.40	17.38		
15	256QAM	36	20	17.42	17.49	17.30	19	2.5
15	256QAM	36	39	17.33	17.32	17.33		
15	256QAM	75	0	17.41	17.41	17.47		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	19.95	20.13	19.93		
10	QPSK	1	25	19.95	19.99	19.94	21.5	0
10	QPSK	1	49	19.81	19.92	19.86		
10	QPSK	25	0	19.95	20.09	19.96		
10	QPSK	25	12	19.94	20.01	19.91	21.5	0
10	QPSK	25	25	19.88	19.97	19.93		
10	QPSK	50	0	19.94	19.98	19.90		
10	16QAM	1	0	20.00	20.06	19.96		
10	16QAM	1	25	19.97	20.05	19.93	21.5	0
10	16QAM	1	49	20.03	20.03	19.97		
10	16QAM	25	0	19.93	20.03	19.90		
10	16QAM	25	12	19.88	20.00	19.94	21.5	0
10	16QAM	25	25	19.98	20.08	19.99		
10	16QAM	50	0	19.88	19.98	19.88		
10	64QAM	1	0	19.96	20.02	19.89		
10	64QAM	1	25	20.03	20.02	20.06	21.5	0
10	64QAM	1	49	19.87	19.94	19.92		
10	64QAM	25	0	19.95	19.94	19.88		
10	64QAM	25	12	19.90	19.98	20.03	21.5	0
10	64QAM	25	25	19.90	19.97	19.94		
10	64QAM	50	0	19.88	20.04	19.91		
10	256QAM	1	0	17.35	17.39	17.44		
10	256QAM	1	25	17.33	17.51	17.42	19	2.5
10	256QAM	1	49	17.28	17.48	17.40		
10	256QAM	25	0	17.37	17.38	17.32		
10	256QAM	25	12	17.34	17.41	17.34	19	2.5
10	256QAM	25	25	17.23	17.36	17.38		
10	256QAM	50	0	17.36	17.51	17.47		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	20.00	20.09	20.01		
5	QPSK	1	12	19.92	19.98	19.96	21.5	0
5	QPSK	1	24	19.81	19.96	19.79		
5	QPSK	12	0	20.01	20.11	19.91		
5	QPSK	12	7	19.86	20.00	19.85	21.5	0
5	QPSK	12	13	19.89	20.06	19.93		
5	QPSK	25	0	19.95	20.06	19.90		
5	16QAM	1	0	19.94	20.03	19.92		
5	16QAM	1	12	19.87	20.10	19.99	21.5	0
5	16QAM	1	24	19.99	20.04	19.94		
5	16QAM	12	0	19.98	20.04	19.93		
5	16QAM	12	7	19.79	19.96	20.00	21.5	0
5	16QAM	12	13	20.04	20.03	20.01		
5	16QAM	25	0	19.81	19.94	19.97		
5	64QAM	1	0	19.92	19.97	19.92		
5	64QAM	1	12	20.09	20.12	20.06	21.5	0
5	64QAM	1	24	19.96	19.90	19.88		
5	64QAM	12	0	19.95	19.93	19.84		
5	64QAM	12	7	19.89	19.95	19.93	21.5	0
5	64QAM	12	13	19.82	19.97	19.92		
5	64QAM	25	0	19.99	20.09	19.90		
5	256QAM	1	0	17.39	17.46	17.48		
5	256QAM	1	12	17.36	17.53	17.42	19	2.5
5	256QAM	1	24	17.34	17.39	17.41		
5	256QAM	12	0	17.36	17.40	17.41		
5	256QAM	12	7	17.32	17.41	17.25	19	2.5
5	256QAM	12	13	17.24	17.37	17.39		
5	256QAM	25	0	17.36	17.45	17.44		

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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	18.63	18.79	18.43	18.50		
20	QPSK	1	49	18.61	18.59	18.62	18.61	20	0
20	QPSK	1	99	18.57	18.71	18.43	18.60		
20	QPSK	50	0	18.54	18.76	18.64	18.62		
20	QPSK	50	24	18.53	18.56	18.52	18.65	20	0
20	QPSK	50	50	18.42	18.64	18.49	18.66		
20	QPSK	100	0	18.61	18.62	18.46	18.59		
20	16QAM	1	0	18.60	18.58	18.41	18.52		
20	16QAM	1	49	18.46	18.67	18.55	18.57	20	0
20	16QAM	1	99	18.62	18.62	18.49	18.59		
20	16QAM	50	0	18.63	18.67	18.52	18.56		
20	16QAM	50	24	18.42	18.54	18.60	18.50	20	0
20	16QAM	50	50	18.46	18.70	18.58	18.58		
20	16QAM	100	0	18.63	18.51	18.47	18.62		
20	64QAM	1	0	18.47	18.61	18.43	18.58		
20	64QAM	1	49	18.50	18.62	18.48	18.65	20	0
20	64QAM	1	99	18.61	18.50	18.42	18.56		
20	64QAM	50	0	18.64	18.59	18.54	18.57		
20	64QAM	50	24	18.65	18.62	18.33	18.57	20	0
20	64QAM	50	50	18.48	18.66	18.45	18.48		
20	64QAM	100	0	18.53	18.60	18.45	18.47		
20	256QAM	1	0	16.25	16.34	16.28	16.24		
20	256QAM	1	49	16.26	16.30	16.21	16.26	17.5	2.5
20	256QAM	1	99	16.17	16.25	16.21	16.21		
20	256QAM	50	0	16.31	16.37	16.31	16.33		
20	256QAM	50	24	16.28	16.33	16.19	16.28	17.5	2.5
20	256QAM	50	50	16.25	16.34	16.17	16.23		
20	256QAM	100	0	16.33	16.42	16.35	16.32		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	18.60	18.61	18.41	18.63		
15	QPSK	1	37	18.63	18.43	18.59	18.60	20	0
15	QPSK	1	74	18.43	18.53	18.35	18.55		
15	QPSK	36	0	18.55	18.42	18.35	18.58		
15	QPSK	36	20	18.53	18.62	18.54	18.63	20	0
15	QPSK	36	39	18.43	18.66	18.34	18.51		
15	QPSK	75	0	18.43	18.55	18.62	18.54		
15	16QAM	1	0	18.38	18.42	18.50	18.51		
15	16QAM	1	37	18.36	18.50	18.31	18.54	20	0
15	16QAM	1	74	18.64	18.47	18.64	18.46		
15	16QAM	36	0	18.47	18.52	18.57	18.60		
15	16QAM	36	20	18.40	18.49	18.34	18.35	20	0
15	16QAM	36	39	18.47	18.66	18.37	18.71		
15	16QAM	75	0	18.64	18.43	18.61	18.49		
15	64QAM	1	0	18.42	18.57	18.45	18.40		
15	64QAM	1	37	18.47	18.42	18.41	18.63	20	0
15	64QAM	1	74	18.43	18.32	18.49	18.42		
15	64QAM	36	0	18.49	18.43	18.61	18.41		
15	64QAM	36	20	18.55	18.46	18.54	18.58	20	0
15	64QAM	36	39	18.29	18.63	18.37	18.65		
15	64QAM	75	0	18.40	18.60	18.47	18.54		
15	256QAM	1	0	16.12	16.26	16.12	16.15		
15	256QAM	1	37	16.09	16.30	16.24	16.25	17.5	2.5
15	256QAM	1	74	15.97	16.19	16.19	16.16		
15	256QAM	36	0	16.30	16.22	16.15	16.31		
15	256QAM	36	20	16.18	16.34	16.13	16.16	17.5	2.5
15	256QAM	36	39	16.22	16.34	16.04	16.15		
15	256QAM	75	0	16.32	16.25	16.19	16.21		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	18.44	18.62	18.59	18.59		
10	QPSK	1	25	18.40	18.55	18.47	18.57	20	0
10	QPSK	1	49	18.55	18.66	18.32	18.43		
10	QPSK	25	0	18.46	18.41	18.40	18.53		
10	QPSK	25	12	18.45	18.56	18.54	18.49	20	0
10	QPSK	25	25	18.41	18.64	18.44	18.56		
10	QPSK	50	0	18.60	18.56	18.56	18.41		
10	16QAM	1	0	18.42	18.38	18.47	18.58		
10	16QAM	1	25	18.29	18.69	18.31	18.51	20	0
10	16QAM	1	49	18.56	18.60	18.43	18.54		
10	16QAM	25	0	18.63	18.53	18.42	18.66		
10	16QAM	25	12	18.41	18.54	18.22	18.46	20	0
10	16QAM	25	25	18.38	18.57	18.45	18.61		
10	16QAM	50	0	18.58	18.44	18.60	18.35		
10	64QAM	1	0	18.46	18.41	18.31	18.39		
10	64QAM	1	25	18.42	18.49	18.38	18.52	20	0
10	64QAM	1	49	18.60	18.42	18.42	18.51		
10	64QAM	25	0	18.43	18.46	18.59	18.41		
10	64QAM	25	12	18.52	18.63	18.65	18.59	20	0
10	64QAM	25	25	18.39	18.57	18.38	18.57		
10	64QAM	50	0	18.45	18.58	18.50	18.53		
10	256QAM	1	0	16.04	16.17	16.19	16.20		
10	256QAM	1	25	16.16	16.18	16.16	16.09	17.5	2.5
10	256QAM	1	49	16.10	16.19	16.01	16.13		
10	256QAM	25	0	16.22	16.16	16.19	16.30		
10	256QAM	25	12	16.21	16.22	16.10	16.31	17.5	2.5
10	256QAM	25	25	16.11	16.20	16.20	16.12		
10	256QAM	50	0	16.23	16.40	16.18	16.36		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	18.43	18.69	18.57	18.51		
5	QPSK	1	12	18.45	18.61	18.52	18.37	20	0
5	QPSK	1	24	18.40	18.51	18.50	18.63		
5	QPSK	12	0	18.53	18.55	18.41	18.41		
5	QPSK	12	7	18.49	18.52	18.38	18.49	20	0
5	QPSK	12	13	18.28	18.45	18.35	18.62		
5	QPSK	25	0	18.42	18.54	18.51	18.55		
5	16QAM	1	0	18.46	18.58	18.60	18.60		
5	16QAM	1	12	18.26	18.66	18.46	18.46	20	0
5	16QAM	1	24	18.60	18.58	18.50	18.45		
5	16QAM	12	0	18.59	18.47	18.48	18.61		
5	16QAM	12	7	18.26	18.42	18.26	18.51	20	0
5	16QAM	12	13	18.44	18.69	18.32	18.49		
5	16QAM	25	0	18.55	18.40	18.55	18.31		
5	64QAM	1	0	18.28	18.55	18.42	18.48		
5	64QAM	1	12	18.39	18.49	18.33	18.50	20	0
5	64QAM	1	24	18.51	18.33	18.44	18.38		
5	64QAM	12	0	18.48	18.37	18.63	18.43		
5	64QAM	12	7	18.56	18.44	18.50	18.47	20	0
5	64QAM	12	13	18.32	18.60	18.46	18.49		
5	64QAM	25	0	18.39	18.47	18.41	18.52		
5	256QAM	1	0	16.12	16.18	16.18	16.18		
5	256QAM	1	12	16.25	16.15	16.05	16.21	17.5	2.5
5	256QAM	1	24	15.98	16.08	16.12	16.18		
5	256QAM	12	0	16.25	16.29	16.09	16.35		
5	256QAM	12	7	16.12	16.26	16.21	16.18	17.5	2.5
5	256QAM	12	13	16.09	16.15	16.18	16.16		
5	256QAM	25	0	16.34	16.38	16.20	16.32		

	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	29.65	29.58	29.74	30.40	20.65	20.58	20.74	21.40
GPRS 1 Tx slot	29.59	29.51	29.66	30.40	20.59	20.51	20.66	21.40
GPRS 2 Tx slots	26.53	26.47	26.61	27.40	20.53	20.47	20.61	21.40
GPRS 3 Tx slots	24.65	24.48	24.65	25.60	20.39	20.22	20.39	21.34
GPRS 4 Tx slots	23.42	23.46	23.42	24.40	20.42	20.46	20.42	21.40
EDGE 1 Tx slot	25.25	25.09	25.26	26.40	16.25	16.09	16.26	17.40
EDGE 2 Tx slots	22.61	22.44	22.53	23.40	16.61	16.44	16.53	17.40
EDGE 3 Tx slots	20.51	20.47	20.65	21.60	16.25	16.21	16.39	17.34
EDGE 4 Tx slots	19.34	19.22	19.45	20.40	16.34	16.22	16.45	17.40

		WCDMA II Ant3 Default				WCDMA IV Ant3 Default			
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	24.23	24.27	24.05	25.10	24.09	24.16	24.01	24.90
3GPP Rel 99	RMC 12.2Kbps	24.29	24.34	24.17	25.10	24.17	24.21	24.06	24.90
3GPP Rel 6	HSDPA Subtest-1	23.14	23.29	23.31	24.10	23.07	23.23	23.19	23.90
3GPP Rel 6	HSDPA Subtest-2	23.28	23.23	23.12	24.10	23.21	23.17	23.09	23.90
3GPP Rel 6	HSDPA Subtest-3	22.65	22.71	22.77	23.60	22.46	22.65	22.64	23.40
3GPP Rel 6	HSDPA Subtest-4	22.66	22.96	22.70	23.60	22.71	22.81	22.62	23.40
3GPP Rel 8	DC-HSDPA Subtest-1	23.33	23.34	23.19	24.10	23.20	23.25	23.05	23.90
3GPP Rel 8	DC-HSDPA Subtest-2	23.23	23.38	23.29	24.10	23.08	23.25	23.10	23.90
3GPP Rel 8	DC-HSDPA Subtest-3	22.70	22.88	22.74	23.60	22.51	22.76	22.63	23.40
3GPP Rel 8	DC-HSDPA Subtest-4	22.78	22.92	22.80	23.60	22.75	22.71	22.54	23.40
3GPP Rel 6	HSUPA Subtest-1	23.24	23.38	23.37	24.10	23.08	23.24	23.26	23.90
3GPP Rel 6	HSUPA Subtest-2	21.20	21.36	21.25	22.10	21.07	21.32	21.20	21.90
3GPP Rel 6	HSUPA Subtest-3	22.34	22.39	22.14	23.10	22.19	22.26	22.03	22.90
3GPP Rel 6	HSUPA Subtest-4	21.08	21.32	21.24	22.10	21.02	21.25	21.15	21.90
3GPP Rel 6	HSUPA Subtest-5	23.21	23.23	23.12	24.10	23.12	23.20	23.04	23.90
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.85	20.74	20.69	21.60	20.64	20.61	20.61	21.40

Band 2 Ant3 Default

BW [MHz]	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	24.97	25.08	25.05	25.6	0
20	QPSK	1	49	24.82	24.90	24.86		
20	QPSK	1	99	24.86	24.95	24.83		
20	QPSK	50	0	24.97	25.05	24.90		
20	QPSK	50	24	24.91	25.02	24.95	25.6	0
20	QPSK	50	50	24.89	24.93	24.83		
20	QPSK	100	0	24.92	24.98	24.88		
20	16QAM	1	0	24.87	25.01	24.92		
20	16QAM	1	49	24.81	24.93	24.81	25.6	0
20	16QAM	1	99	24.89	24.96	24.84		
20	16QAM	50	0	23.85	23.93	23.95		
20	16QAM	50	24	23.84	23.93	23.79	24.6	1
20	16QAM	50	50	23.80	23.86	23.81		
20	16QAM	100	0	24.02	24.05	23.99		
20	64QAM	1	0	23.98	24.11	24.00		
20	64QAM	1	49	24.03	24.08	24.01	24.6	1
20	64QAM	1	99	23.94	24.01	23.86		
20	64QAM	50	0	22.82	22.94	22.80		
20	64QAM	50	24	22.71	22.83	22.78	23.6	2
20	64QAM	50	50	22.67	22.82	22.69		
20	64QAM	100	0	22.97	23.01	22.95		
20	256QAM	1	0	19.95	20.08	19.99		
20	256QAM	1	49	19.84	19.94	19.91	20.6	5
20	256QAM	1	99	19.93	19.99	19.92		
20	256QAM	50	0	19.97	20.04	19.92		
20	256QAM	50	24	19.83	19.90	19.86	20.6	5
20	256QAM	50	50	19.83	19.91	19.81		
20	256QAM	100	0	19.84	19.99	19.88		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	24.85	24.97	24.96		
15	QPSK	1	37	24.75	24.85	24.81	25.6	0
15	QPSK	1	74	24.80	24.89	24.77		
15	QPSK	36	0	24.92	24.94	24.80		
15	QPSK	36	20	24.83	24.88	24.80	25.6	0
15	QPSK	36	39	24.83	24.81	24.78		
15	QPSK	75	0	24.82	24.92	24.81		
15	16QAM	1	0	24.82	24.91	24.79		
15	16QAM	1	37	24.75	24.86	24.74	25.6	0
15	16QAM	1	74	24.82	24.86	24.73		
15	16QAM	36	0	23.78	23.92	23.87		
15	16QAM	36	20	23.74	23.85	23.68	24.6	1
15	16QAM	36	39	23.71	23.73	23.76		
15	16QAM	75	0	23.93	23.93	23.89		
15	64QAM	1	0	23.86	24.03	23.87		
15	64QAM	1	37	23.93	23.97	23.88	24.6	1
15	64QAM	1	74	23.83	23.89	23.71		
15	64QAM	36	0	22.71	22.84	22.75		
15	64QAM	36	20	22.63	22.73	22.67	23.6	2
15	64QAM	36	39	22.55	22.74	22.62		
15	64QAM	75	0	22.91	22.97	22.81		
15	256QAM	1	0	19.87	19.96	19.86		
15	256QAM	1	37	19.75	19.90	19.79	20.6	5
15	256QAM	1	74	19.80	19.94	19.78		
15	256QAM	36	0	19.91	19.92	19.83		
15	256QAM	36	20	19.74	19.80	19.81	20.6	5
15	256QAM	36	39	19.68	19.81	19.67		
15	256QAM	75	0	19.77	19.89	19.83		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	24.85	24.98	24.96		
10	QPSK	1	25	24.79	24.78	24.81	25.6	0
10	QPSK	1	49	24.78	24.81	24.77		
10	QPSK	25	0	24.89	24.96	24.80		
10	QPSK	25	12	24.86	24.94	24.82	25.6	0
10	QPSK	25	25	24.82	24.88	24.80		
10	QPSK	50	0	24.80	24.84	24.77		
10	16QAM	1	0	24.81	24.89	24.80		
10	16QAM	1	25	24.69	24.80	24.78	25.6	0
10	16QAM	1	49	24.80	24.83	24.76		
10	16QAM	25	0	23.73	23.92	23.90		
10	16QAM	25	12	23.80	23.81	23.73	24.6	1
10	16QAM	25	25	23.77	23.74	23.67		
10	16QAM	50	0	23.97	24.01	23.93		
10	64QAM	1	0	23.94	24.02	23.89		
10	64QAM	1	25	23.94	23.96	23.96	24.6	1
10	64QAM	1	49	23.82	23.87	23.79		
10	64QAM	25	0	22.73	22.84	22.75		
10	64QAM	25	12	22.57	22.71	22.72	23.6	2
10	64QAM	25	25	22.54	22.77	22.58		
10	64QAM	50	0	22.88	22.94	22.89		
10	256QAM	1	0	19.85	20.03	19.91		
10	256QAM	1	25	19.75	19.84	19.80	20.6	5
10	256QAM	1	49	19.84	19.94	19.78		
10	256QAM	25	0	19.84	19.95	19.78		
10	256QAM	25	12	19.72	19.82	19.80	20.6	5
10	256QAM	25	25	19.71	19.77	19.77		
10	256QAM	50	0	19.76	19.89	19.74		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	24.85	24.98	24.93		
5	QPSK	1	12	24.78	24.77	24.82	25.6	0
5	QPSK	1	24	24.74	24.92	24.80		
5	QPSK	12	0	24.84	24.98	24.83		
5	QPSK	12	7	24.83	24.90	24.90	25.6	0
5	QPSK	12	13	24.83	24.86	24.71		
5	QPSK	25	0	24.86	24.85	24.74		
5	16QAM	1	0	24.77	24.88	24.79		
5	16QAM	1	12	24.74	24.84	24.76	25.6	0
5	16QAM	1	24	24.85	24.88	24.71		
5	16QAM	12	0	23.80	23.86	23.81		
5	16QAM	12	7	23.75	23.89	23.69	24.6	1
5	16QAM	12	13	23.70	23.81	23.75		
5	16QAM	25	0	23.91	23.92	23.93		
5	64QAM	1	0	23.92	24.05	23.92		
5	64QAM	1	12	23.89	24.02	23.86	24.6	1
5	64QAM	1	24	23.80	23.94	23.77		
5	64QAM	12	0	22.78	22.84	22.74		
5	64QAM	12	7	22.62	22.69	22.63	23.6	2
5	64QAM	12	13	22.58	22.69	22.59		
5	64QAM	25	0	22.93	22.92	22.87		
5	256QAM	1	0	19.86	20.04	19.87		
5	256QAM	1	12	19.79	19.81	19.78	20.6	5
5	256QAM	1	24	19.79	19.90	19.79		
5	256QAM	12	0	19.90	19.99	19.89		
5	256QAM	12	7	19.77	19.85	19.72	20.6	5
5	256QAM	12	13	19.73	19.80	19.71		
5	256QAM	25	0	19.75	19.96	19.81		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	24.93	24.99	24.94		
3	QPSK	1	8	24.74	24.82	24.78	25.6	0
3	QPSK	1	14	24.72	24.82	24.69		
3	QPSK	8	0	24.89	24.91	24.78		
3	QPSK	8	4	24.78	24.88	24.84	25.6	0
3	QPSK	8	7	24.84	24.79	24.78		
3	QPSK	15	0	24.84	24.89	24.77		
3	16QAM	1	0	24.82	24.89	24.81		
3	16QAM	1	8	24.66	24.89	24.69	25.6	0
3	16QAM	1	14	24.75	24.86	24.73		
3	16QAM	8	0	23.82	23.94	23.80		
3	16QAM	8	4	23.72	23.84	23.76	24.6	1
3	16QAM	8	7	23.76	23.76	23.67		
3	16QAM	15	0	23.93	23.95	23.92		
3	64QAM	1	0	23.85	24.01	23.88		
3	64QAM	1	8	23.96	23.95	23.89	24.6	1
3	64QAM	1	14	23.90	23.97	23.73		
3	64QAM	8	0	22.75	22.80	22.76		
3	64QAM	8	4	22.60	22.70	22.64	23.6	2
3	64QAM	8	7	22.55	22.75	22.59		
3	64QAM	15	0	22.87	22.96	22.85		
3	256QAM	1	0	19.85	19.97	19.89		
3	256QAM	1	8	19.73	19.88	19.84	20.6	5
3	256QAM	1	14	19.85	19.90	19.88		
3	256QAM	8	0	19.90	19.94	19.87		
3	256QAM	8	4	19.71	19.85	19.72	20.6	5
3	256QAM	8	7	19.71	19.84	19.71		
3	256QAM	15	0	19.78	19.86	19.80		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	24.84	24.97	24.96		
1.4	QPSK	1	3	24.71	24.76	24.82		
1.4	QPSK	1	5	24.80	24.89	24.71	25.6	0
1.4	QPSK	3	0	24.93	24.95	24.86		
1.4	QPSK	3	1	24.80	24.96	24.87		
1.4	QPSK	3	3	24.74	24.84	24.71		
1.4	QPSK	6	0	24.77	24.92	24.79	25.6	0
1.4	16QAM	1	0	24.82	24.96	24.89		
1.4	16QAM	1	3	24.68	24.81	24.73		
1.4	16QAM	1	5	24.76	24.81	24.80	25.6	0
1.4	16QAM	3	0	24.78	24.91	24.91		
1.4	16QAM	3	1	24.71	24.88	24.66		
1.4	16QAM	3	3	24.73	24.77	24.70		
1.4	16QAM	6	0	23.91	24.02	23.87	24.6	1
1.4	64QAM	1	0	23.83	24.07	23.90		
1.4	64QAM	1	3	23.98	24.01	23.87		
1.4	64QAM	1	5	23.83	23.87	23.83	24.6	1
1.4	64QAM	3	0	23.70	23.88	23.67		
1.4	64QAM	3	1	23.63	23.76	23.69		
1.4	64QAM	3	3	23.62	23.74	23.57		
1.4	64QAM	6	0	22.89	22.90	22.88	23.6	2
1.4	256QAM	1	0	19.88	20.03	19.91		
1.4	256QAM	1	3	19.78	19.85	19.87		
1.4	256QAM	1	5	19.90	19.95	19.84	20.6	5
1.4	256QAM	3	0	19.84	19.94	19.87		
1.4	256QAM	3	1	19.74	19.86	19.79		
1.4	256QAM	3	3	19.78	19.83	19.69		
1.4	256QAM	6	0	19.79	19.94	19.82	20.6	5

Band 4 Ant3 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	24.84	25.01	24.95		
20	QPSK	1	49	24.73	24.86	24.82	25.5	0
20	QPSK	1	99	24.78	24.92	24.86		
20	QPSK	50	0	24.92	24.96	24.86		
20	QPSK	50	24	24.77	24.92	24.88	25.5	0
20	QPSK	50	50	24.82	24.87	24.76		
20	QPSK	100	0	24.92	24.99	24.90		
20	16QAM	1	0	24.93	25.00	24.88		
20	16QAM	1	49	24.76	24.87	24.84	25.5	0
20	16QAM	1	99	24.76	24.91	24.78		
20	16QAM	50	0	23.83	23.99	23.83		
20	16QAM	50	24	23.70	23.84	23.74	24.5	1
20	16QAM	50	50	23.74	23.81	23.70		
20	16QAM	100	0	23.92	23.98	23.95		
20	64QAM	1	0	23.92	24.04	23.95		
20	64QAM	1	49	23.84	23.96	23.81	24.5	1
20	64QAM	1	99	23.91	24.00	23.92		
20	64QAM	50	0	22.70	22.84	22.74		
20	64QAM	50	24	22.69	22.79	22.66	23.5	2
20	64QAM	50	50	22.76	22.79	22.75		
20	64QAM	100	0	22.86	22.95	22.90		
20	256QAM	1	0	19.79	19.90	19.77		
20	256QAM	1	49	19.65	19.78	19.69	20.5	5
20	256QAM	1	99	19.76	19.83	19.79		
20	256QAM	50	0	19.71	19.85	19.74		
20	256QAM	50	24	19.65	19.77	19.68	20.5	5
20	256QAM	50	50	19.65	19.76	19.65		
20	256QAM	100	0	19.88	20.01	19.94		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	24.77	24.93	24.83		
15	QPSK	1	37	24.62	24.75	24.68	25.5	0
15	QPSK	1	74	24.68	24.86	24.79		
15	QPSK	36	0	24.82	24.87	24.73		
15	QPSK	36	20	24.65	24.84	24.73	25.5	0
15	QPSK	36	39	24.70	24.79	24.65		
15	QPSK	75	0	24.86	24.94	24.86		
15	16QAM	1	0	24.88	24.94	24.84		
15	16QAM	1	37	24.69	24.75	24.71	25.5	0
15	16QAM	1	74	24.66	24.77	24.74		
15	16QAM	36	0	23.71	23.86	23.71		
15	16QAM	36	20	23.57	23.76	23.62	24.5	1
15	16QAM	36	39	23.65	23.67	23.63		
15	16QAM	75	0	23.79	23.89	23.92		
15	64QAM	1	0	23.85	23.91	23.80		
15	64QAM	1	37	23.70	23.86	23.67	24.5	1
15	64QAM	1	74	23.83	23.86	23.85		
15	64QAM	36	0	22.61	22.76	22.66		
15	64QAM	36	20	22.62	22.59	22.55	23.5	2
15	64QAM	36	39	22.63	22.67	22.64		
15	64QAM	75	0	22.75	22.82	22.80		
15	256QAM	1	0	19.71	19.79	19.66		
15	256QAM	1	37	19.52	19.65	19.65	20.5	5
15	256QAM	1	74	19.64	19.80	19.73		
15	256QAM	36	0	19.57	19.82	19.67		
15	256QAM	36	20	19.53	19.73	19.63	20.5	5
15	256QAM	36	39	19.61	19.64	19.59		
15	256QAM	75	0	19.76	19.89	19.83		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	24.73	24.91	24.91		
10	QPSK	1	25	24.64	24.82	24.67	25.5	0
10	QPSK	1	49	24.69	24.80	24.74		
10	QPSK	25	0	24.82	24.91	24.81		
10	QPSK	25	12	24.73	24.83	24.83	25.5	0
10	QPSK	25	25	24.73	24.72	24.65		
10	QPSK	50	0	24.83	24.85	24.84		
10	16QAM	1	0	24.79	24.95	24.73		
10	16QAM	1	25	24.71	24.79	24.70	25.5	0
10	16QAM	1	49	24.63	24.84	24.64		
10	16QAM	25	0	23.73	23.77	23.78		
10	16QAM	25	12	23.65	23.74	23.68	24.5	1
10	16QAM	25	25	23.69	23.66	23.56		
10	16QAM	50	0	23.82	23.88	23.86		
10	64QAM	1	0	23.83	23.99	23.81		
10	64QAM	1	25	23.80	23.90	23.74	24.5	1
10	64QAM	1	49	23.67	23.88	23.80		
10	64QAM	25	0	22.55	22.72	22.62		
10	64QAM	25	12	22.58	22.69	22.57	23.5	2
10	64QAM	25	25	22.73	22.65	22.66		
10	64QAM	50	0	22.80	22.88	22.77		
10	256QAM	1	0	19.75	19.86	19.68		
10	256QAM	1	25	19.60	19.63	19.58	20.5	5
10	256QAM	1	49	19.71	19.71	19.66		
10	256QAM	25	0	19.66	19.79	19.63		
10	256QAM	25	12	19.57	19.70	19.55	20.5	5
10	256QAM	25	25	19.53	19.65	19.50		
10	256QAM	50	0	19.75	19.96	19.80		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	24.72	24.87	24.89		
5	QPSK	1	12	24.62	24.83	24.73	25.5	0
5	QPSK	1	24	24.69	24.85	24.80		
5	QPSK	12	0	24.89	24.82	24.77		
5	QPSK	12	7	24.73	24.78	24.77	25.5	0
5	QPSK	12	13	24.74	24.81	24.72		
5	QPSK	25	0	24.87	24.85	24.82		
5	16QAM	1	0	24.84	24.88	24.79		
5	16QAM	1	12	24.63	24.77	24.71	25.5	0
5	16QAM	1	24	24.70	24.83	24.65		
5	16QAM	12	0	23.69	23.76	23.78		
5	16QAM	12	7	23.58	23.81	23.66	24.5	1
5	16QAM	12	13	23.67	23.70	23.57		
5	16QAM	25	0	23.82	23.90	23.81		
5	64QAM	1	0	23.77	23.93	23.90		
5	64QAM	1	12	23.72	23.91	23.67	24.5	1
5	64QAM	1	24	23.76	23.86	23.79		
5	64QAM	12	0	22.58	22.81	22.67		
5	64QAM	12	7	22.61	22.63	22.54	23.5	2
5	64QAM	12	13	22.65	22.71	22.62		
5	64QAM	25	0	22.72	22.83	22.85		
5	256QAM	1	0	19.66	19.83	19.67		
5	256QAM	1	12	19.56	19.64	19.64	20.5	5
5	256QAM	1	24	19.62	19.72	19.74		
5	256QAM	12	0	19.62	19.81	19.65		
5	256QAM	12	7	19.60	19.67	19.63	20.5	5
5	256QAM	12	13	19.54	19.68	19.59		
5	256QAM	25	0	19.76	19.90	19.87		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	24.75	24.95	24.90		
3	QPSK	1	8	24.62	24.74	24.70	25.5	0
3	QPSK	1	14	24.71	24.80	24.77		
3	QPSK	8	0	24.78	24.91	24.74		
3	QPSK	8	4	24.73	24.80	24.84	25.5	0
3	QPSK	8	7	24.77	24.81	24.62		
3	QPSK	15	0	24.77	24.92	24.79		
3	16QAM	1	0	24.86	24.87	24.73		
3	16QAM	1	8	24.64	24.74	24.73	25.5	0
3	16QAM	1	14	24.63	24.79	24.67		
3	16QAM	8	0	23.73	23.76	23.68		
3	16QAM	8	4	23.62	23.73	23.69	24.5	1
3	16QAM	8	7	23.68	23.68	23.55		
3	16QAM	15	0	23.88	23.91	23.84		
3	64QAM	1	0	23.87	23.98	23.87		
3	64QAM	1	8	23.79	23.92	23.78	24.5	1
3	64QAM	1	14	23.88	23.86	23.87		
3	64QAM	8	0	22.62	22.69	22.67		
3	64QAM	8	4	22.58	22.62	22.57	23.5	2
3	64QAM	8	7	22.65	22.75	22.69		
3	64QAM	15	0	22.83	22.90	22.75		
3	256QAM	1	0	19.69	19.75	19.70		
3	256QAM	1	8	19.61	19.65	19.62	20.5	5
3	256QAM	1	14	19.67	19.71	19.74		
3	256QAM	8	0	19.63	19.71	19.64		
3	256QAM	8	4	19.58	19.69	19.64	20.5	5
3	256QAM	8	7	19.57	19.65	19.58		
3	256QAM	15	0	19.84	19.94	19.80		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	24.71	24.92	24.81		
1.4	QPSK	1	3	24.62	24.72	24.71		
1.4	QPSK	1	5	24.71	24.88	24.75	25.5	0
1.4	QPSK	3	0	24.80	24.93	24.78		
1.4	QPSK	3	1	24.67	24.82	24.79		
1.4	QPSK	3	3	24.77	24.79	24.67		
1.4	QPSK	6	0	24.80	24.85	24.83	25.5	0
1.4	16QAM	1	0	24.83	24.96	24.78		
1.4	16QAM	1	3	24.70	24.79	24.71		
1.4	16QAM	1	5	24.65	24.83	24.70	25.5	0
1.4	16QAM	3	0	24.77	24.80	24.76		
1.4	16QAM	3	1	24.57	24.72	24.60		
1.4	16QAM	3	3	24.61	24.78	24.67		
1.4	16QAM	6	0	23.81	23.93	23.86	24.5	1
1.4	64QAM	1	0	23.81	23.96	23.89		
1.4	64QAM	1	3	23.76	23.91	23.69		
1.4	64QAM	1	5	23.83	23.92	23.79	24.5	1
1.4	64QAM	3	0	23.61	23.75	23.63		
1.4	64QAM	3	1	23.64	23.69	23.58		
1.4	64QAM	3	3	23.64	23.73	23.71		
1.4	64QAM	6	0	22.80	22.89	22.79	23.5	2
1.4	256QAM	1	0	19.75	19.81	19.70		
1.4	256QAM	1	3	19.60	19.64	19.66		
1.4	256QAM	1	5	19.65	19.79	19.73	20.5	5
1.4	256QAM	3	0	19.65	19.80	19.64		
1.4	256QAM	3	1	19.56	19.64	19.65		
1.4	256QAM	3	3	19.52	19.64	19.60		
1.4	256QAM	6	0	19.78	19.90	19.81	20.5	5

Band 7 Ant3 Default

BW [MHz]	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	25.14	25.28	25.26		
20	QPSK	1	49	24.99	25.12	24.99	25.7	0
20	QPSK	1	99	24.95	25.07	25.00		
20	QPSK	50	0	25.12	25.25	25.21		
20	QPSK	50	24	25.03	25.13	25.08	25.7	0
20	QPSK	50	50	24.94	25.06	24.93		
20	QPSK	100	0	24.99	25.09	25.04		
20	16QAM	1	0	25.10	25.22	25.09		
20	16QAM	1	49	25.05	25.13	25.03	25.7	0
20	16QAM	1	99

Band 25 Ant3 Default

BW [MHz]	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	25.07	25.12	24.92	25.6	0
20	QPSK	1	49	25.01	25.05	24.92		
20	QPSK	1	99	24.87	24.97	24.90		
20	QPSK	50	0	25.00	25.10	25.06	25.6	0
20	QPSK	50	24	25.01	25.08	25.04		
20	QPSK	50	50	24.85	24.96	24.93		
20	QPSK	100	0	24.99	25.08	24.95		
20	16QAM	1	0	25.06	25.10	25.05	25.6	0
20	16QAM	1	49	24.89	25.01	24.95		
20	16QAM	1	99	24.81	24.95	24.83		
20	16QAM	50	0	23.90	24.04	23.94	24.6	1
20	16QAM	50	24	23.86	23.92	23.77		
20	16QAM	50	50	23.90	23.98	23.92		
20	16QAM	100	0	24.10	24.14	24.04		
20	64QAM	1	0	23.99	24.05	23.91	24.6	1
20	64QAM	1	49	23.92	23.98	23.89		
20	64QAM	1	99	23.81	23.93	23.89		
20	64QAM	50	0	23.00	23.06	22.99	23.6	2
20	64QAM	50	24	22.83	22.95	22.91		
20	64QAM	50	50	22.88	22.95	22.92		
20	64QAM	100	0	23.10	23.16	23.13		
20	256QAM	1	0	19.91	20.06	19.93	20.6	5
20	256QAM	1	49	19.83	19.95	19.82		
20	256QAM	1	99	19.89	19.97	19.84		
20	256QAM	50	0	19.96	20.07	20.02	20.6	5
20	256QAM	50	24	19.94	19.99	19.87		
20	256QAM	50	50	19.91	19.96	19.84		
20	256QAM	100	0	20.01	20.11	19.99		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	24.99	24.99	24.81	25.6	0
15	QPSK	1	37	24.92	24.98	24.83		
15	QPSK	1	74	24.82	24.90	24.80		
15	QPSK	36	0	24.93	24.97	25.02	25.6	0
15	QPSK	36	20	24.95	25.05	24.96		
15	QPSK	36	39	24.75	24.92	24.84		
15	QPSK	75	0	24.91	25.03	24.82		
15	16QAM	1	0	24.96	25.02	24.96	25.6	0
15	16QAM	1	37	24.81	24.89	24.81		
15	16QAM	1	74	24.72	24.82	24.73		
15	16QAM	36	0	23.85	24.00	23.87	24.6	1
15	16QAM	36	20	23.82	23.81	23.67		
15	16QAM	36	39	23.80	23.87	23.89		
15	16QAM	75	0	24.00	24.07	24.00		
15	64QAM	1	0	23.95	23.96	23.78	24.6	1
15	64QAM	1	37	23.85	23.84	23.75		
15	64QAM	1	74	23.69	23.90	23.75		
15	64QAM	36	0	22.90	22.92	22.89	23.6	2
15	64QAM	36	20	22.72	22.82	22.83		
15	64QAM	36	39	22.76	22.85	22.88		
15	64QAM	75	0	22.97	23.06	23.01		
15	256QAM	1	0	19.80	20.01	19.80	20.6	5
15	256QAM	1	37	19.72	19.89	19.77		
15	256QAM	1	74	19.79	19.93	19.78		
15	256QAM	36	0	19.87	19.92	19.99	20.6	5
15	256QAM	36	20	19.82	19.94	19.76		
15	256QAM	36	39	19.80	19.93	19.70		
15	256QAM	75	0	19.91	19.97	19.89		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	25.01	25.01	24.89	25.6	0
10	QPSK	1	25	24.90	24.92	24.83		
10	QPSK	1	49	24.83	24.90	24.86		
10	QPSK	25	0	24.91	25.01	24.95	25.6	0
10	QPSK	25	12	24.91	25.04	24.96		
10	QPSK	25	25	24.76	24.92	24.85		
10	QPSK	50	0	24.86	25.00	24.89		
10	16QAM	1	0	24.94	24.96	24.95	25.6	0
10	16QAM	1	25	24.77	24.95	24.86		
10	16QAM	1	49	24.69	24.88	24.77		
10	16QAM	25	0	23.77	23.95	23.90	24.6	1
10	16QAM	25	12	23.75	23.86	23.66		
10	16QAM	25	25	23.85	23.91	23.85		
10	16QAM	50	0	23.97	24.03	23.98		
10	64QAM	1	0	23.90	24.00	23.85	24.6	1
10	64QAM	1	25	23.85	23.87	23.75		
10	64QAM	1	49	23.77	23.85	23.75		
10	64QAM	25	0	22.87	22.97	22.92	23.6	2
10	64QAM	25	12	22.69	22.80	22.81		
10	64QAM	25	25	22.74	22.83	22.79		
10	64QAM	50	0	23.03	23.10	23.06		
10	256QAM	1	0	19.87	19.92	19.82	20.6	5
10	256QAM	1	25	19.73	19.88	19.73		
10	256QAM	1	49	19.81	19.87	19.71		
10	256QAM	25	0	19.84	20.03	19.91	20.6	5
10	256QAM	25	12	19.83	19.91	19.76		
10	256QAM	25	25	19.84	19.90	19.69		
10	256QAM	50	0	19.93	20.07	19.93		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	24.97	25.09	24.81	25.6	0
5	QPSK	1	12	24.92	24.92	24.78		
5	QPSK	1	24	24.76	24.85	24.78		
5	QPSK	12	0	24.97	25.05	25.02	25.6	0
5	QPSK	12	7	24.90	24.99	24.93		
5	QPSK	12	13	24.72	24.91	24.83		
5	QPSK	25	0	24.95	24.93	24.91		
5	16QAM	1	0	24.97	25.06	24.90	25.6	0
5	16QAM	1	12	24.75	24.97	24.91		
5	16QAM	1	24	24.67	24.82	24.78		
5	16QAM	12	0	23.83	23.90	23.80	24.6	1
5	16QAM	12	7	23.81	23.79	23.66		
5	16QAM	12	13	23.78	23.89	23.85		
5	16QAM	25	0	24.03	24.03	23.90		
5	64QAM	1	0	23.90	24.00	23.85	24.6	1
5	64QAM	1	12	23.80	23.85	23.82		
5	64QAM	1	24	23.76	23.90	23.81		
5	64QAM	12	0	22.96	22.93	22.94	23.6	2
5	64QAM	12	7	22.70	22.88	22.81		
5	64QAM	12	13	22.76	22.90	22.81		
5	64QAM	25	0	23.05	23.11	23.04		
5	256QAM	1	0	19.83	19.96	19.87	20.6	5
5	256QAM	1	12	19.79	19.84	19.69		
5	256QAM	1	24	19.75	19.87	19.78		
5	256QAM	12	0	19.92	19.99	19.93	20.6	5
5	256QAM	12	7	19.82	19.89	19.81		
5	256QAM	12	13	19.79	19.82	19.71		
5	256QAM	25	0	19.87	20.01	19.86		
Channel				26065	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	24.98	25.01	24.79	25.6	0
3	QPSK	1	8	24.96	24.91	24.89		
3	QPSK	1	14	24.73	24.84	24.84		
3	QPSK	8	0	24.96	25.00	25.02	25.6	0
3	QPSK	8	4	24.88	25.02	24.94		
3	QPSK	8	7	24.76	24.88	24.79		
3	QPSK	15	0	24.87	24.94	24.91		
3	16QAM	1	0	24.94	24.97	24.91	25.6	0
3	16QAM	1	8	24.85	24.91	24.83		
3	16QAM	1	14	24.70	24.81	24.71		
3	16QAM	8	0	23.85	23.98	23.89	24.6	1
3	16QAM	8	4	23.82	23.81	23.72		
3	16QAM	8	7	23.81	23.83	23.79		
3	16QAM	15	0	23.99	24.07	23.97		
3	64QAM	1	0	23.84	23.95	23.76	24.6	1
3	64QAM	1	8	23.79	23.90	23.80		
3	64QAM	1	14	23.74	23.80	23.85		
3	64QAM	8	0	22.89	22.93	22.87	23.6	2
3	64QAM	8	4	22.75	22.87	22.84		
3	64QAM	8	7	22.81	22.80	22.79		
3	64QAM	15	0	23.05	23.09	23.02		
3	256QAM	1	0	19.80	20.02	19.88	20.6	5
3	256QAM	1	8	19.74	19.89	19.76		
3	256QAM	1	14	19.79	19.94	19.73		
3	256QAM	8	0	19.81	19.94	19.90	20.6	5
3	256QAM	8	4	19.86	19.89	19.79		
3	256QAM	8	7	19.81	19.91	19.70		
3	256QAM	15	0	19.96	20.00	19.91		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	25.02	24.97	24.83	25.6	0
1.4	QPSK	1	3	24.90	24.92	24.85		
1.4	QPSK	1	5	24.73	24.91	24.81		
1.4	QPSK	3	0	24.89	25.04	25.01		
1.4	QPSK	3	1	24.92	25.05	24.93		
1.4	QPSK	3	3	24.77	24.83	24.86		
1.4	QPSK	6	0	24.84	25.03	24.84	25.6	0
1.4	16QAM	1	0	25.01	25.01	24.99	25.6	0
1.4	16QAM	1	3	24.84	24.89	24.80		
1.4	16QAM	1	5	24.72	24.89	24.80		
1.4	16QAM	3	0	24.75	24.98	24.87		
1.4	16QAM	3	1	24.79	24.79	24.70		
1.4	16QAM	3	3	24.78	24.88	24.86		
1.4	16QAM	6	0	24.00	24.07	23.92	24.6	1
1.4	64QAM	1	0	23.91	24.02	23.81	24.6	1
1.4	64QAM	1	3	23.84	23.84	23.77		
1.4	64QAM	1	5	23.67	23.87	23.85		
1.4	64QAM	3	0	23.91	23.96	23.94		
1.4	64QAM	3	1	23.73	23.91	23.78		
1.4	64QAM	3	3	23.82	23.85	23.78		
1.4	64QAM	6	0	22.95	23.07	23.03	23.6	2
1.4	256QAM	1	0	19.80	20.02	19.86	20.6	5
1.4	256QAM	1	3	19.74	19.89	19.78		
1.4	256QAM	1	5	19.74	19.89	19.78		
1.4	256QAM	3	0	19.82	20.04	19.94		
1.4	256QAM	3	1	19.83	19.95	19.72		
1.4	256QAM	3	3	19.84	19.88	19.70		
1.4	256QAM	6	0	19.87	20.08	19.85	20.6	5

Band 66 Ant3 Default

BW [MHz]	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	24.31	24.33	24.20	24.9	0
20	QPSK	1	49	24.08	24.18	24.10		
20	QPSK	1	99	24.18	24.22	24.08		
20	QPSK	50	0	24.25	24.31	24.27	24.9	0
20	QPSK	50	24	24.20	24.25	24.17		
20	QPSK	50	50	24.12	24.21	24.12		
20	QPSK	100	0	24.10	24.18	24.09		
20	16QAM	1	0	24.17	24.30	24.19	24.9	0
20	16QAM	1	49	24.09	24.21	24.07		
20	16QAM	1	99	24.16	24.22	24.14		
20	16QAM	50	0	23.13	23.26	23.21	23.9	1
20	16QAM	50	24	23.04	23.18	23.13		
20	16QAM	50	50	23.09	23.21	23.09		
20	16QAM	100	0	23.05	23.15	23.08		
20	64QAM	1	0	23.17	23.31	23.25	23.9	1
20	64QAM	1	49	23.14	23.22	23.14		
20	64QAM	1	99	23.15	23.25	23.12		
20	64QAM	50	0	22.08	22.22	22.12	22.9	2
20	64QAM	50	24	22.11	22.16	22.10		
20	64QAM	50	50	22.05	22.15	22.12		
20	64QAM	100	0	22.13	22.17	22.09		
20	256QAM	1	0	19.24	19.34	19.23	19.9	5
20	256QAM	1	49	19.13	19.20	19.06		
20	256QAM	1	99	19.08	19.20	19.11		
20	256QAM	50	0	19.11	19.22	19.09	19.9	5
20	256QAM	50	24	19.07	19.17	19.06		
20	256QAM	50	50	19.07	19.12	18.98		
20	256QAM	100	0	19.15	19.26	19.18		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	24.20	24.20	24.09	24.9	0
15	QPSK	1	37	23.98	24.13	24.05		
15	QPSK	1	74	24.11	24.18	23.99		
15	QPSK	36	0	24.16	24.19	24.17	24.9	0
15	QPSK	36	20	24.08	24.19	24.06		
15	QPSK	36	39	24.05	24.14	24.00		
15	QPSK	75	0	24.01	24.07	24.02		
15	16QAM	1	0	24.11	24.25	24.13	24.9	0
15	16QAM	1	37	24.03	24.09	23.97		
15	16QAM	1	74	24.02	24.13	24.01		
15	16QAM	36	0	23.09	23.19	23.07	23.9	1
15	16QAM	36	20	23.00	23.06	23.05		
15	16QAM	36	39	23.04	23.12	23.03		
15	16QAM	75	0	22.98	23.05	22.97		
15	64QAM	1	0	23.03	23.17	23.10	23.9	1
15	64QAM	1	37	23.05	23.12	23.05		
15	64QAM	1	74	23.10	23.15	23.00		
15	64QAM	36	0	22.00	22.12	22.03	22.9	2
15	64QAM	36	20	22.01	22.13	22.00		
15	64QAM	36	39	21.96	22.12	22.02		
15	64QAM	75	0	22.05	22.08	22.00		
15	256QAM	1	0	19.12	19.21	19.13	19.9	5
15	256QAM	1	37	19.01	19.14	18.99		
15	256QAM	1	74	18.94	19.15	18.99		
15	256QAM	36	0	19.02	19.15	18.94	19.9	5
15	256QAM	36	20	18.96	19.12	18.96		
15	256QAM	36	39	19.02	19.16	18.86		
15	256QAM	75	0	19.09	19.16	19.14		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	24.26	24.20	24.09	24.9	0
10	QPSK	1	25	24.02	24.09	24.02		
10	QPSK	1	49	24.07	24.09	24.00		
10	QPSK	25	0	24.13	24.19	24.23	24.9	0
10	QPSK	25	12	24.07	24.16	24.03		
10	QPSK	25	25	24.06	24.07	24.00		
10	QPSK	50	0	23.98	24.04	24.04		
10	16QAM	1	0	24.12	24.19	24.09	24.9	0
10	16QAM	1	25	24.02	24.14	23.93		
10	16QAM	1	49	24.07	24.10	24.01		
10	16QAM	25	0	23.06	23.22	23.16	23.9	1
10	16QAM	25	12	22.89	23.10	23.03		
10	16QAM	25	25	23.02	23.17	23.03		
10	16QAM	50	0	22.92	23.04	23.00		
10	64QAM	1	0	23.04	23.17	23.17	23.9	1
10	64QAM	1	25	23.01	23.17	23.08		
10	64QAM	1	49	23.00	23.13	23.01		
10	64QAM	25	0	21.98	22.15	22.09	22.9	2
10	64QAM	25	12	22.07	22.05	22.03		
10	64QAM	25	25	21.96	22.05	22.04		
10	64QAM	50	0	22.06	22.11	21.96		
10	256QAM	1	0	19.15	19.19	19.12	19.9	5
10	256QAM	1	25	19.05	19.06	18.98		
10	256QAM	1	49	18.95	19.12	18.96		
10	256QAM	25	0	18.96	19.17	19.01	19.9	5
10	256QAM	25	12	19.02	19.05	18.94		
10	256QAM	25	25	18.94	19.02	18.85		
10	256QAM	50	0	19.10	19.21	19.06		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	24.25	24.18	24.09	24.9	0
5	QPSK	1	12	24.01	24.07	23.99		
5	QPSK	1	24	24.12	24.13	24.04		
5	QPSK	12	0	24.20	24.23	24.21	24.9	0
5	QPSK	12	7	24.15	24.20	24.03		
5	QPSK	12	13	23.98	24.13	24.09		
5	QPSK	25	0	24.05	24.12	24.02		
5	16QAM	1	0	24.13	24.22	24.11	24.9	0
5	16QAM	1	12	24.04	24.14	23.95		
5	16QAM	1	24	24.11	24.10	24.02		
5	16QAM	12	0	23.00	23.17	23.08	23.9	1
5	16QAM	12	7	22.94	23.12	23.06		
5	16QAM	12	13	23.03	23.08	22.99		
5	16QAM	25	0	22.96	23.00	22.99		
5	64QAM	1	0	23.08	23.21	23.20	23.9	1
5	64QAM	1	12	23.04	23.11	23.09		
5	64QAM	1	24	23.05	23.13	23.07		
5	64QAM	12	0	21.94	22.16	22.04	22.9	2
5	64QAM	12	7	22.07	22.03	22.07		
5	64QAM	12	13	22.00	22.04	22.09		
5	64QAM	25	0	22.09	22.09	22.02		
5	256QAM	1	0	19.13	19.24	19.16	19.9	5
5	256QAM	1	12	19.10	19.16	18.96		
5	256QAM	1	24	19.01	19.05	18.99		
5	256QAM	12	0	19.05	19.09	18.96	19.9	5
5	256QAM	12	7	18.96	19.06	19.02		
5	256QAM	12	13	18.95	18.98	18.88		
5	256QAM	25	0	19.06	19.20	19.05		
Channel				131967	132322	132677	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	24.26	24.25	24.16	24.9	0
3	QPSK	1	8	23.99	24.11	24.02		
3	QPSK	1	14	24.15	24.08	24.02		
3	QPSK	8	0	24.14	24.23	24.19	24.9	0
3	QPSK	8	4	24.13	24.14	24.05		
3	QPSK	8	7	24.00	24.15	23.98		
3	QPSK	15	0	24.06	24.13	23.99		
3	16QAM	1	0	24.11	24.20	24.07	24.9	0
3	16QAM	1	8	24.06	24.08	24.04		
3	16QAM	1	14	24.06	24.16	24.10		
3	16QAM	8	0	23.03	23.12	23.09	23.9	1
3	16QAM	8	4	23.00	23.10	23.02		
3	16QAM	8	7	22.95	23.11	22.97		
3	16QAM	15	0	22.98	23.02	22.96		
3	64QAM	1	0	23.06	23.28	23.19	23.9	1
3	64QAM	1	8	23.00	23.12	23.04		
3	64QAM	1	14	23.06	23.10	23.03		
3	64QAM	8	0	22.04	22.08	22.00	22.9	2
3	64QAM	8	4	22.07	22.10	22.01		
3	64QAM	8	7	21.99	22.05	22.08		
3	64QAM	15	0	21.98	22.02	22.01		
3	256QAM	1	0	19.21	19.27	19.15	19.9	5
3	256QAM	1	8	19.08	19.12	19.03		
3	256QAM	1	14	18.97	19.16	19.05		
3	256QAM	8	0	19.08	19.11	18.95	19.9	5
3	256QAM	8	4	18.95	19.10	18.98		
3	256QAM	8	7	18.97	18.98	18.88		
3	256QAM	15	0	19.10	19.14	19.08		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	24.19	24.23	24.05	24.9	0
1.4	QPSK	1	3	23.96	24.04	24.05		
1.4	QPSK	1	5	24.04	24.07	24.05		
1.4	QPSK	3	0	24.10	24.24	24.20		
1.4	QPSK	3	1	24.13	24.11	24.03		
1.4	QPSK	3	3	24.04	24.10	24.02		
1.4	QPSK	6	0	24.05	24.13	23.95	24.9	0
1.4	16QAM	1	0	24.12	24.22	24.06	24.9	0
1.4	16QAM	1	3	24.06	24.16	23.96		
1.4	16QAM	1	5	24.12	24.19	24.10		
1.4	16QAM	3	0	24.06	24.16	24.09		
1.4	16QAM	3	1	23.95	24.07	24.09		
1.4	16QAM	3	3	24.03	24.08	24.03		
1.4	16QAM	6	0	23.00	23.01	22.98	23.9	1
1.4	64QAM	1	0	23.07	23.17	23.21	23.9	1
1.4	64QAM	1	3	23.10	23.09	23.03		
1.4	64QAM	1	5	23.03	23.16	23.03		
1.4	64QAM	3	0	23.04	23.11	23.01		
1.4	64QAM	3	1	23.02	23.07	23.06		
1.4	64QAM	3	3	23.01	23.00	23.08		
1.4	64QAM	6	0	22.02	22.12	21.98	22.9	2
1.4	256QAM	1	0	19.18	19.28	19.14	19.9	5
1.4	256QAM	1	3	19.07	19.11	18.96		
1.4	256QAM	1	5	19.01	19.07	19.01		
1.4	256QAM	3	0	19.01	19.08	18.97		
1.4	256QAM	3	1	18.97	19.13	18.95		
1.4	256QAM	3	3	18.99	19.01	18.83		
1.4	256QAM	6	0	19.12	19.12	19.10	19.9	5

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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 Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150			
Frequency (MHz)				2560	2580	2610			
20	QPSK	1	0	25.03	25.11	25.00			
20	QPSK	1	49	24.91	24.98	24.91		25.6	0
20	QPSK	1	99	24.57	24.92	24.94			
20	QPSK	50	0	24.99	25.05	24.95			
20	QPSK	50	24	24.97	25.03	24.92		25.6	0
20	QPSK	50	50	24.98	24.99	24.92			
20	QPSK	100	0	24.97	25.06	24.93			
20	16QAM	1	0	24.97	25.04	25.00			
20	16QAM	1	49	24.52	24.58	24.55		25.6	0
20	16QAM	1	99	24.82	24.96	24.85			
20	16QAM	50	0	24.01	24.11	23.97			
20	16QAM	50	24	23.96	24.08	24.02		24.6	1
20	16QAM	50	50	23.91	24.02	23.96			
20	16QAM	100	0	24.06	24.09	23.97			
20	64QAM	1	0	23.95	24.05	24.02			
20	64QAM	1	49	23.87	23.93	23.93		24.6	1
20	64QAM	1	99	23.83	23.94	23.91			
20	64QAM	50	0	23.02	23.14	23.00			
20	64QAM	50	24	22.94	22.99	22.95		23.6	2
20	64QAM	50	50	22.98	23.11	23.07			
20	64QAM	100	0	22.94	23.07	22.93			
20	256QAM	1	0	19.93	20.00	19.91			
20	256QAM	1	49	19.84	19.93	19.81		20.6	5
20	256QAM	1	99	19.89	19.95	19.85			
20	256QAM	50	0	20.01	20.09	19.99			
20	256QAM	50	24	19.88	19.95	19.91		20.6	5
20	256QAM	50	50	19.96	19.99	19.90			
20	256QAM	100	0	20.01	20.06	19.96			
Channel				37925	38000	38175		Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2580	2612.5			
15	QPSK	1	0	24.91	25.00	24.86		25.6	0
15	QPSK	1	37	24.80	24.89	24.77			
15	QPSK	1	74	24.80	24.82	24.69			
15	QPSK	36	0	24.89	24.95	24.82			
15	QPSK	36	20	24.84	24.90	24.78		25.6	0
15	QPSK	36	39	24.73	24.91	24.80			
15	QPSK	75	0	24.77	24.92	24.86			
15	16QAM	1	0	24.90	25.00	24.85			
15	16QAM	1	37	24.79	24.94	24.78		25.6	0
15	16QAM	1	74	24.76	24.88	24.81			
15	16QAM	36	0	23.88	23.97	23.82			
15	16QAM	36	20	23.92	24.00	23.95		24.6	1
15	16QAM	36	39	23.84	23.93	23.84			
15	16QAM	75	0	23.92	23.96	23.88			
15	64QAM	1	0	23.82	23.98	23.89			
15	64QAM	1	37	23.75	23.89	23.72		24.6	1
15	64QAM	1	74	23.79	23.80	23.78			
15	64QAM	36	0	22.89	23.02	22.95			
15	64QAM	36	20	22.87	22.84	22.81		23.6	2
15	64QAM	36	39	22.89	23.05	22.99			
15	64QAM	75	0	22.88	23.03	22.86			
15	256QAM	1	0	19.85	19.90	19.87			
15	256QAM	1	37	19.73	19.82	19.70		20.6	5
15	256QAM	1	74	19.77	19.85	19.80			
15	256QAM	36	0	19.91	19.98	19.88			
15	256QAM	36	20	19.75	19.86	19.85		20.6	5
15	256QAM	36	39	19.75	19.92	19.80			
15	256QAM	75	0	19.88	19.99	19.89			
Channel				37850	38000	38200		Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615			
10	QPSK	1	0	24.98	25.02	24.95		25.6	0
10	QPSK	1	25	24.84	24.87	24.82			
10	QPSK	1	49	24.83	24.88	24.78			
10	QPSK	25	0	24.87	24.91	24.83			
10	QPSK	25	12	24.91	24.89	24.88		25.6	0
10	QPSK	25	25	24.73	24.86	24.80			
10	QPSK	50	0	24.90	24.95	24.87			
10	16QAM	1	0	24.88	24.93	24.88			
10	16QAM	1	25	24.86	24.86	24.74		25.6	0
10	16QAM	1	49	24.70	24.87	24.81			
10	16QAM	25	0	23.89	24.04	23.92			
10	16QAM	25	12	23.86	23.97	23.94		24.6	1
10	16QAM	25	25	23.82	23.93	23.92			
10	16QAM	50	0	23.92	23.97	23.92			
10	64QAM	1	0	23.91	23.98	23.99			
10	64QAM	1	25	23.73	23.82	23.73		24.6	1
10	64QAM	1	49	23.73	23.85	23.81			
10	64QAM	25	0	22.89	23.06	22.89			
10	64QAM	25	12	22.84	22.96	22.93		23.6	2
10	64QAM	25	25	22.92	23.01	23.03			
10	64QAM	50	0	22.79	23.00	22.85			
10	256QAM	1	0	19.83	19.90	19.87			
10	256QAM	1	25	19.76	19.89	19.69		20.6	5
10	256QAM	1	49	19.83	19.86	19.79			
10	256QAM	25	0	19.93	20.00	19.90			
10	256QAM	25	12	19.77	19.91	19.78		20.6	5
10	256QAM	25	25	19.74	19.96	19.75			
10	256QAM	50	0	19.94	20.00	19.87			
Channel				37775	38000	38225		Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2557.5	2595	2617.5			
5	QPSK	1	0	24.98	25.01	24.87		25.6	0
5	QPSK	1	12	24.85	24.93	24.83			
5	QPSK	1	24	24.82	24.80	24.78			
5	QPSK	12	0	24.85	25.00	24.87			
5	QPSK	12	7	24.86	24.94	24.85		25.6	0
5	QPSK	12	13	24.82	24.95	24.88			
5	QPSK	25	0	24.93	24.99	24.90			
5	16QAM	1	0	24.82	24.86	24.77			
5	16QAM	1	12	24.80	24.86	24.74		25.6	0
5	16QAM	1	24	24.68	24.83	24.72			
5	16QAM	12	0	23.94	24.06	23.88			
5	16QAM	12	7	23.92	24.02	23.88		24.6	1
5	16QAM	12	13	23.89	24.02	23.92			
5	16QAM	25	0	24.02	24.04	23.92			
5	64QAM	1	0	23.85	23.93	23.93			
5	64QAM	1	12	23.81	23.80	23.77		24.6	1
5	64QAM	1	24	23.79	23.85	23.82			
5	64QAM	12	0	23.01	23.07	22.90			
5	64QAM	12	7	22.88	22.87	22.89		23.6	2
5	64QAM	12	13	22.93	23.07	23.01			
5	64QAM	25	0	22.85	23.01	22.81			
5	256QAM	1	0	19.85	19.96	19.79			
5	256QAM	1	12	19.80	19.78	19.78		20.6	5
5	256QAM	1	24	19.80	19.91	19.75			
5	256QAM	12	0	19.92	19.97	19.92			
5	256QAM	12	7	19.80	19.85	19.80		20.6	5
5	256QAM	12	13	19.75	19.95	19.82			
5	256QAM	25	0	19.91	20.00	19.82			

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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	25.09	25.07	25.19	25.17	25.14		
20	QPSK	1	49	24.98	25.03	25.06	25.00	24.91	25.6	0
20	QPSK	1	99	24.95	25.09	25.12	25.01	24.99		
20	QPSK	50	0	25.07	25.06	25.16	25.13	25.08		
20	QPSK	50	24	25.04	25.04	25.07	25.00	24.99	25.6	0
20	QPSK	50	50	24.98	25.01	25.09	25.02	25.05		
20	QPSK	100	0	25.05	25.02	25.15	25.09	25.03		
20	16QAM	1	0	24.96	25.06	25.09	25.06	25.00		
20	16QAM	1	49	24.52	24.58	24.69	24.59	24.56	25.6	0
20	16QAM	1	99	24.86	24.94	25.01	24.90	24.93		
20	16QAM	50	0	24.14	24.05	24.19	24.12	24.04		
20	16QAM	50	24	23.94	23.94	24.09	24.05	24.07	24.6	1
20	16QAM	50	50	24.04	24.10	24.15	24.03	24.05		
20	16QAM	100	0	24.06	24.11	24.17	24.02	24.11		
20	64QAM	1	0	24.10	24.12	24.21	24.12	24.16		
20	64QAM	1	49	24.14	24.01	24.16	24.06	24.01	24.6	1
20	64QAM	1	99	23.86	23.96	24.10	24.02	24.02		
20	64QAM	50	0	23.09	23.12	23.18	23.11	23.05		
20	64QAM	50	24	23.06	23.02	23.13	23.08	23.06	23.6	2
20	64QAM	50	50	22.95	23.07	23.11	23.06	23.05		
20	64QAM	100	0	23.03	23.03	23.15	23.02	23.03		
20	256QAM	1	0	19.94	19.94	20.08	19.98	19.92	20.6	5
20	256QAM	1	49	19.89	19.81	19.93	19.88	19.90		
20	256QAM	1	99	19.99	19.79	19.94	19.85	19.93		
20	256QAM	50	0	20.07	20.04	20.14	20.07	20.02		
20	256QAM	50	24	19.99	19.93	20.08	20.02	19.95	20.6	5
20	256QAM	50	50	20.02	19.99	20.10	20.04	20.01		
20	256QAM	100	0	20.00	20.07	20.10	19.95	20.04		
Channel				39725	40185	40620	41055	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2549.5	2593	2636.5	2682.5		
15	QPSK	1	0	24.95	24.97	25.05	25.11	25.03		
15	QPSK	1	37	24.86	24.96	25.03	25.08	25.06	25.60	0
15	QPSK	1	74	24.84	24.97	25.07	24.92	24.87		
15	QPSK	36	0	24.99	24.95	25.02	24.98	24.95		
15	QPSK	36	20	24.97	24.94	25.06	24.92	24.94	25.6	0
15	QPSK	36	39	24.93	24.98	25.03	24.96	25.01		
15	QPSK	75	0	24.92	24.96	25.05	25.05	24.89		
15	16QAM	1	0	24.83	24.96	25.02	24.87	24.88	25.6	0
15	16QAM	1	37	24.97	24.85	24.91	24.79	24.85		
15	16QAM	1	74	24.82	24.86	24.88	24.86	24.78		
15	16QAM	36	0	24.06	23.99	24.08	24.03	23.97		
15	16QAM	36	20	23.82	23.88	23.98	23.91	23.99	24.6	1
15	16QAM	36	39	23.86	24.04	24.06	23.99	23.95		
15	16QAM	75	0	24.02	23.98	24.03	23.91	24.01		
15	64QAM	1	0	23.99	24.08	24.12	23.99	24.01		
15	64QAM	1	37	24.08	23.89	24.09	23.93	23.94	24.6	1
15	64QAM	1	74	23.83	23.92	23.99	23.89	23.92		
15	64QAM	36	0	22.94	23.06	23.12	23.01	23.01		
15	64QAM	36	20	22.94	22.93	23.04	22.96	22.97	23.6	2
15	64QAM	36	39	22.87	23.03	23.06	23.03	22.99		
15	64QAM	75	0	22.98	22.93	23.07	22.95	22.98		
15	256QAM	1	0	19.80	19.88	19.98	19.85	19.90		
15	256QAM	1	37	19.76	19.72	19.85	19.78	19.83	20.6	5
15	256QAM	1	74	19.84	19.72	19.84	19.72	19.86		
15	256QAM	36	0	19.92	19.94	20.06	19.96	19.93		
15	256QAM	36	20	19.85	19.78	20.04	19.96	19.87	20.6	5
15	256QAM	36	39	19.93	19.93	20.05	19.94	19.96		
15	256QAM	75	0	19.85	19.96	20.01	19.84	19.94		
Channel				39700	40185	40620	41090	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2549	2593	2637	2685		
10	QPSK	1	0	25.01	24.93	25.04	25.13	25.06		
10	QPSK	1	25	24.91	24.98	24.97	24.89	24.82	25.60	0
10	QPSK	1	49	24.91	25.03	25.01	24.96	24.95		
10	QPSK	25	0	24.88	25.02	25.03	25.02	24.93		
10	QPSK	25	12	24.94	24.95	24.97	24.86	24.88	25.6	0
10	QPSK	25	25	24.85	24.96	25.03	24.90	25.00		
10	QPSK	50	0	25.00	24.95	25.08	25.05	24.92		
10	16QAM	1	0	24.83	24.94	24.96	24.85	24.95		
10	16QAM	1	25	24.88	24.81	24.89	24.83	24.85	25.6	0
10	16QAM	1	49	24.78	24.81	24.97	24.82	24.87		
10	16QAM	25	0	24.08	23.94	24.06	24.04	23.98		
10	16QAM	25	12	23.90	23.90	23.96	24.00	24.03	24.6	1
10	16QAM	25	25	23.92	24.01	24.11	23.90	24.01		
10	16QAM	50	0	23.98	24.01	24.07	23.96	24.02		
10	64QAM	1	0	24.05	23.98	24.09	24.00	24.06		
10	64QAM	1	25	24.06	23.87	24.02	23.97	23.98	24.6	1
10	64QAM	1	49	23.90	23.86	23.98	23.91	23.91		
10	64QAM	25	0	23.04	23.09	23.09	23.06	22.99		
10	64QAM	25	12	22.93	23.02	23.03	23.02	22.99	23.6	2
10	64QAM	25	25	22.86	23.01	23.01	23.01	22.95		
10	64QAM	50	0	22.94	22.99	23.06	22.97	22.97		
10	256QAM	1	0	19.86	19.81	19.94	19.84	19.92		
10	256QAM	1	25	19.81	19.68	19.84	19.83	19.79	20.6	5
10	256QAM	1	49	19.90	19.84	19.96	19.76	19.87		
10	256QAM	25	0	20.03	19.91	20.08	19.95	19.98		
10	256QAM	25	12	19.87	19.88	19.99	19.90	19.81	20.6	5
10	256QAM	25	25	19.86	19.91	20.07	19.93	19.92		
10	256QAM	50	0	19.90	20.03	20.00	19.85	19.98		
Channel				39675	40148	40625	41103	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2546.8	2595.5	2644.2	2691.5		
5	QPSK	1	0	25.02	25.03	25.08	25.13	25.07		
5	QPSK	1	12	24.85	24.96	24.92	24.85	24.85	25.60	0
5	QPSK	1	24	24.93	24.96	25.03	24.86	24.95		
5	QPSK	12	0	25.01	25.02	25.11	25.02	24.96		
5	QPSK	12	7	24.97	24.89	24.97	24.87	24.93	25.6	0
5	QPSK	12	13	24.91	24.90	24.98	24.93	24.92		
5	QPSK	25	0	24.96	24.97	25.06	25.04	24.94		
5	16QAM	1	0	24.86	24.96	24.98	24.92	24.92		
5	16QAM	1	12	24.88	24.87	24.97	24.84	24.89	25.6	0
5	16QAM	1	24	24.82	24.86	24.93	24.75	24.82		
5	16QAM	12	0	24.04	24.02	24.10	23.98	23.96		
5	16QAM	12	7	23.91	23.86	23.97	23.89	23.94	24.6	1
5	16QAM	12	13	23.89	23.98	24.08	23.98	23.97		
5	16QAM	25	0	23.97	24.04	24.06	23.90	24.00		
5	64QAM	1	0	23.86	23.92	24.01	23.91	24.03		
5	64QAM	1	12	24.01	23.93	24.08	23.97	23.91	24.6	1
5	64QAM	1	24	23.90	23.82	23.96	23.97	23.90		
5	64QAM	12	0	22.97	22.92	23.04	22.97	22.91		
5	64QAM	12	7	22.99	22.87	23.05	23.05	22.94	23.6	2
5	64QAM	12	13	22.81	22.92	22.98	22.92	22.93		
5	64QAM	25	0	23.00	22.92	23.09	22.93	23.00		
5	256QAM	1	0	19.84	19.86	20.01	19.89	19.89		
5	256QAM	1	12	19.82	19.67	19.81	19.75	19.77	20.6	5
5	256QAM	1	24	19.88	19.71	19.90	19.75	19.84		
5	256QAM	12	0	19.92	19.91	20.02	19.94	19.94		
5	256QAM	12	7	19.93	19.84	20.05	19.92	19.84	20.6	5
5	256QAM	12	13	19.91	19.92	19.97	19.90	19.95		
5	256QAM	25	0	19.92	19.97	19.97	19.91	20.01		

Band 42 Ant3 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42590	42890	43190		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	22.49	22.63	22.55		
20	QPSK	1	49	22.39	22.51	22.41	23.8	0
20	QPSK	1	99	22.44	22.57	22.42		
20	QPSK	50	0	22.47	22.53	22.50		
20	QPSK	50	24	22.31	22.43	22.39	23.8	0
20	QPSK	50	50	22.44	22.50	22.41		
20	QPSK	100	0	22.36	22.48	22.44		
20	16QAM	1	0	22.38	22.50	22.39		
20	16QAM	1	49	22.31	22.44	22.29	23.8	0
20	16QAM	1	99	22.32	22.37	22.26		
20	16QAM	50	0	21.63	21.67	21.56		
20	16QAM	50	24	21.43	21.58	21.46	22.8	1
20	16QAM	50	50	21.52	21.63	21.52		
20	16QAM	100	0	21.54	21.64	21.56		
20	64QAM	1	0	21.54	21.69	21.56		
20	64QAM	1	49	21.55	21.64	21.57	22.8	1
20	64QAM	1	99	21.52	21.63	21.51		
20	64QAM	50	0	20.58	20.63	20.58		
20	64QAM	50	24	20.36	20.49	20.38	21.8	2
20	64QAM	50	50	20.37	20.50	20.36		
20	64QAM	100	0	20.55	20.60	20.48		
20	256QAM	1	0	17.30	17.48	17.41		
20	256QAM	1	49	17.30	17.43	17.33	18.8	5
20	256QAM	1	99	17.37	17.42	17.33		
20	256QAM	50	0	17.39	17.52	17.44		
20	256QAM	50	24	17.32	17.41	17.31	18.8	5
20	256QAM	50	50	17.37	17.41	17.35		
20	256QAM	100	0	17.33	17.40	17.25		
Channel				42433	42590	42815	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3427.5	3450	3542.5		
15	QPSK	1	0	22.38	22.57	22.46		
15	QPSK	1	37	22.36	22.49	22.42	23.8	0
15	QPSK	1	74	22.37	22.53	22.35		
15	QPSK	36	0	22.34	22.40	22.44		
15	QPSK	36	20	22.25	22.49	22.28	23.8	0
15	QPSK	36	39	22.30	22.43	22.28		
15	QPSK	75	0	22.22	22.35	22.39		
15	16QAM	1	0	22.28	22.35	22.28		
15	16QAM	1	37	22.16	22.31	22.25	23.8	0
15	16QAM	1	74	22.22	22.22	22.16		
15	16QAM	36	0	21.53	21.59	21.42		
15	16QAM	36	20	21.35	21.50	21.32	22.8	1
15	16QAM	36	39	21.44	21.53	21.41		
15	16QAM	75	0	21.44	21.50	21.48		
15	64QAM	1	0	21.45	21.65	21.50		
15	64QAM	1	37	21.42	21.57	21.49	22.8	1
15	64QAM	1	74	21.47	21.59	21.46		
15	64QAM	36	0	20.47	20.54	20.46		
15	64QAM	36	20	20.26	20.40	20.21	21.8	2
15	64QAM	36	39	20.34	20.37	20.34		
15	64QAM	75	0	20.48	20.53	20.39		
15	256QAM	1	0	17.35	17.34	17.36		
15	256QAM	1	37	17.17	17.36	17.25	18.8	5
15	256QAM	1	74	17.24	17.33	17.26		
15	256QAM	36	0	17.31	17.46	17.37		
15	256QAM	36	20	17.10	17.37	17.19	18.8	5
15	256QAM	36	39	17.26	17.31	17.22		
15	256QAM	75	0	17.27	17.25	17.16		
Channel				42540	42590	43045	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500	3545		
10	QPSK	1	0	22.30	22.54	22.40		
10	QPSK	1	25	22.32	22.38	22.37	23.8	0
10	QPSK	1	49	22.32	22.42	22.37		
10	QPSK	25	0	22.25	22.46	22.40		
10	QPSK	25	12	22.22	22.39	22.29	23.8	0
10	QPSK	25	25	22.16	22.41	22.26		
10	QPSK	50	0	22.24	22.33	22.32		
10	16QAM	1	0	22.29	22.42	22.34		
10	16QAM	1	25	22.16	22.35	22.18	23.8	0
10	16QAM	1	49	22.25	22.27	22.11		
10	16QAM	25	0	21.56	21.61	21.42		
10	16QAM	25	12	21.52	21.47	21.42	22.8	1
10	16QAM	25	25	21.40	21.51	21.40		
10	16QAM	50	0	21.40	21.55	21.41		
10	64QAM	1	0	21.43	21.58	21.51		
10	64QAM	1	25	21.40	21.54	21.48	22.8	1
10	64QAM	1	49	21.46	21.52	21.39		
10	64QAM	25	0	20.47	20.52	20.46		
10	64QAM	25	12	20.37	20.37	20.21	21.8	2
10	64QAM	25	25	20.24	20.45	20.25		
10	64QAM	50	0	20.51	20.54	20.34		
10	256QAM	1	0	17.28	17.42	17.29		
10	256QAM	1	25	17.17	17.35	17.23	18.8	5
10	256QAM	1	49	17.25	17.32	17.19		
10	256QAM	25	0	17.31	17.48	17.29		
10	256QAM	25	12	17.27	17.38	17.25	18.8	5
10	256QAM	25	25	17.26	17.31	17.30		
10	256QAM	50	0	17.24	17.33	17.16		
Channel				42413	42590	43093	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	22.42	22.55	22.40		
5	QPSK	1	12	22.32	22.40	22.34	23.8	0
5	QPSK	1	24	22.33	22.43	22.34		
5	QPSK	12	0	22.32	22.49	22.36		

	GSM1900 Ant4 DSI 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	24.11	24.19	24.13	26.00	15.11	15.19	15.13	17.00
GPRS 1 Tx slot	24.27	24.34	24.34	26.00	15.27	15.34	15.34	17.00
GPRS 2 Tx slots	21.29	21.33	21.24	23.00	15.29	15.33	15.24	17.00
GPRS 3 Tx slots	19.48	19.56	19.64	21.20	15.22	15.30	15.38	16.94
GPRS 4 Tx slots	18.46	18.58	18.50	20.00	15.46	15.58	15.50	17.00
EDGE 1 Tx slot	20.18	20.35	20.43	22.00	11.18	11.35	11.43	13.00
EDGE 2 Tx slots	17.46	17.68	17.75	19.00	11.46	11.68	11.75	13.00
EDGE 3 Tx slots	15.46	15.66	15.78	17.20	11.20	11.40	11.52	12.94
EDGE 4 Tx slots	14.13	14.33	14.43	16.00	11.13	11.33	11.43	13.00

		WCDMA II Ant4 DSI1			-7.5	WCDMA IV Ant4 DSI 1			
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	16.52	16.66	16.67	17.90	15.07	15.26	15.16	16.60
3GPP Rel 99	RMC 12.2Kbps	16.66	16.74	16.72	17.90	15.12	15.30	15.17	16.60
3GPP Rel 6	HSDPA Subtest-1	15.55	15.71	15.69	16.90	14.05	14.28	14.01	15.60
3GPP Rel 6	HSDPA Subtest-2	15.57	15.76	15.65	16.90	14.29	14.26	13.95	15.60
3GPP Rel 6	HSDPA Subtest-3	15.25	15.28	15.23	16.40	13.38	13.57	13.48	15.10
3GPP Rel 6	HSDPA Subtest-4	15.26	15.22	15.20	16.40	13.52	13.71	13.75	15.10
3GPP Rel 8	DC-HSDPA Subtest-1	15.53	15.78	15.36	16.90	14.27	14.27	14.01	15.60
3GPP Rel 8	DC-HSDPA Subtest-2	15.77	15.62	15.43	16.90	14.12	14.33	14.04	15.60
3GPP Rel 8	DC-HSDPA Subtest-3	15.25	15.25	15.23	16.40	13.50	13.67	13.63	15.10
3GPP Rel 8	DC-HSDPA Subtest-4	15.21	15.36	15.23	16.40	13.67	13.67	13.56	15.10
3GPP Rel 6	HSUPA Subtest-1	15.64	15.64	15.59	16.90	14.10	14.27	14.28	15.60
3GPP Rel 6	HSUPA Subtest-2	13.67	13.65	13.61	14.90	12.17	12.24	12.12	13.60
3GPP Rel 6	HSUPA Subtest-3	14.55	14.68	14.66	15.90	13.24	13.30	13.21	14.60
3GPP Rel 6	HSUPA Subtest-4	13.61	13.79	13.56	14.90	12.06	12.21	12.32	13.60
3GPP Rel 6	HSUPA Subtest-5	15.69	15.61	15.57	16.90	14.04	14.09	14.10	15.60
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	13.07	13.22	13.07	14.40	11.77	11.74	11.63	13.10

Band 2 Ant4 DSI 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)				1880	1880	1900		
20	QPSK	1	0	15.61	15.69	15.64	16.5	0
20	QPSK	1	49	15.52	15.60	15.42		
20	QPSK	1	99	15.42	15.55	15.34		
20	QPSK	50	0	15.56	15.61	15.57		
20	QPSK	50	24	15.53	15.56	15.41		
20	QPSK	50	50	15.31	15.51	15.48		
20	QPSK	100	0	15.31	15.51	15.49		
20	16QAM	1	0	15.39	15.55	15.38		
20	16QAM	1	49	15.43	15.60	15.41		
20	16QAM	1	99	15.40	15.66	15.64		
20	16QAM	50	0	15.59	15.54	15.42		
20	16QAM	50	24	15.56	15.56	15.44		
20	16QAM	50	50	15.19	15.44	15.25		
20	16QAM	100	0	15.34	15.50	15.43		
20	64QAM	1	0	15.43	15.64	15.60		
20	64QAM	1	49	15.47	15.50	15.28		
20	64QAM	1	99	15.46	15.68	15.59		
20	64QAM	50	0	15.29	15.40	15.25		
20	64QAM	50	24	15.33	15.53	15.45		
20	64QAM	50	50	15.28	15.44	15.21		
20	64QAM	100	0	15.18	15.42	15.17		
20	256QAM	1	0	15.41	15.55	15.30		
20	256QAM	1	49	15.49	15.56	15.34		
20	256QAM	1	99	15.35	15.52	15.28		
20	256QAM	50	0	15.34	15.43	15.37		
20	256QAM	50	24	15.49	15.53	15.28		
20	256QAM	50	50	15.47	15.63	15.37		
20	256QAM	100	0	15.34	15.46	15.35		
Channel				18674.7	18899.58	19124.64	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.2	1879.58	1902.14		
15	QPSK	1	0	15.57	15.50	15.47	16.5	0
15	QPSK	1	37	15.36	15.57	15.28		
15	QPSK	1	74	15.27	15.41	15.17		
15	QPSK	36	0	15.33	15.43	15.41		
15	QPSK	36	20	15.33	15.51	15.30		
15	QPSK	36	39	15.05	15.40	15.40		
15	QPSK	75	0	15.18	15.28	15.24		
15	16QAM	1	0	15.18	15.38	15.15		
15	16QAM	1	37	15.31	15.39	15.22		
15	16QAM	1	74	15.25	15.49	15.46		
15	16QAM	36	0	15.36	15.35	15.34		
15	16QAM	36	20	15.34	15.54	15.24		
15	16QAM	36	39	15.50	15.23	15.22		
15	16QAM	75	0	15.18	15.31	15.33		
15	64QAM	1	0	15.32	15.52	15.34		
15	64QAM	1	37	15.44	15.44	15.20		
15	64QAM	1	74	15.41	15.48	15.35		
15	64QAM	36	0	15.04	15.25	15.23		
15	64QAM	36	20	15.22	15.29	15.29		
15	64QAM	36	39	15.11	15.25	15.18		
15	64QAM	75	0	15.03	15.21	15.00		
15	256QAM	1	0	15.23	15.34	15.27		
15	256QAM	1	37	15.45	15.47	15.26		
15	256QAM	1	74	15.19	15.47	15.06		
15	256QAM	36	0	15.19	15.18	15.20		
15	256QAM	36	20	15.25	15.34	15.09		
15	256QAM	36	39	15.21	15.55	15.11		
15	256QAM	75	0	15.09	15.22	15.11		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	15.46	15.50	15.57	16.5	0
10	QPSK	1	25	15.30	15.57	15.39		
10	QPSK	1	49	15.19	15.33	15.09		
10	QPSK	25	0	15.48	15.56	15.47		
10	QPSK	25	12	15.42	15.47	15.33		
10	QPSK	25	25	15.12	15.32	15.24		
10	QPSK	50	0	15.10	15.38	15.28		
10	16QAM	1	0	15.19	15.29	15.22		
10	16QAM	1	25	15.40	15.40	15.19		
10	16QAM	1	49	15.21	15.52	15.46		
10	16QAM	25	0	15.50	15.32	15.33		
10	16QAM	25	12	15.35	15.47	15.35		
10	16QAM	25	25	15.03	15.32	15.04		
10	16QAM	50	0	15.09	15.32	15.26		
10	64QAM	1	0	15.30	15.56	15.47		
10	64QAM	1	25	15.25	15.27	15.20		
10	64QAM	1	49	15.29	15.64	15.49		
10	64QAM	25	0	15.17	15.31	15.22		
10	64QAM	25	12	15.09	15.28	15.27		
10	64QAM	25	25	15.10	15.19	15.08		
10	64QAM	50	0	15.41	15.53	15.52		
10	256QAM	1	0	15.29	15.49	15.21		
10	256QAM	1	25	15.45	15.36	15.24	16.5	0
10	256QAM	1	49	15.17	15.35	15.10		
10	256QAM	25	0	15.13	15.39	15.19		
10	256QAM	25	12	15.27	15.33	15.03		
10	256QAM	25	25	15.44	15.48	15.11		
10	256QAM	50	0	15.18	15.38	15.25		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	15.43	15.53	15.40	16.5	0
5	QPSK	1	12	15.32	15.40	15.25		
5	QPSK	1	24	15.33	15.50	15.15		
5	QPSK	12	0	15.41	15.43	15.32		
5	QPSK	12	7	15.38	15.51	15.22		
5	QPSK	12	13	15.09	15.27	15.38		
5	QPSK	25	0	15.28	15.43	15.39		
5	16QAM	1	0	15.15	15.53	15.19		
5	16QAM	1	12	15.39	15.47	15.28		
5	16QAM	1	24	15.34	15.44	15.44		
5	16QAM	12	0	15.37	15.52	15.42		
5	16QAM	12	7	15.36	15.34	15.39		
5	16QAM	12	13	15.53	15.31	15.54		
5	16QAM	25	0	15.18	15.42	15.27		
5	64QAM	1	0	15.35	15.50	15.47		
5	64QAM	1	12	15.31	15.44	15.18		
5	64QAM	1	24	15.28	15.65	15.57		
5	64QAM	12	0	15.11	15.38	15.10		
5	64QAM	12	7	15.19	15.38	15.25		
5	64QAM	12	13	15.24	15.20	15.02		
5	64QAM	25	0	15.05	15.34	15.37		
5	256QAM	1	0	15.34	15.44	15.16		
5	256QAM	1	12	15.37	15.45	15.28	16.5	0
5	256QAM	1	24	15.31	15.33	15.21		
5	256QAM	12	0	15.32	15.41	15.26		
5	256QAM	12	7	15.45	15.29	15.04		
5	256QAM	12	13	15.29	15.38	15.25		
5	256QAM	25	0	15.16	15.43	15.14		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	15.45	15.49	15.56	16.5	0
3	QPSK	1	8	15.38	15.56	15.23		
3	QPSK	1	14	15.30	15.34	15.12		
3	QPSK	8	0	15.35	15.57	15.48		
3	QPSK	8	4	15.45	15.35	15.38		
3	QPSK	8	7	15.16	15.48	15.32		
3	QPSK	15	0	15.05	15.31	15.27		
3	16QAM	1	0	15.32	15.45	15.18		
3	16QAM	1	8	15.23	15.58	15.20	16.5	0
3	16QAM	1	14	15.35	15.57	15.43		
3	16QAM	8	0	15.54	15.36	15.38		
3	16QAM	8	4	15.53	15.42	15.29		
3	16QAM	8	7	15.08	15.34	15.16		
3	16QAM	15	0	15.13	15.28	15.25		
3	64QAM	1	0	15.37	15.58	15.36		
3	64QAM	1	8	15.30	15.46	15.40	16.5	0
3	64QAM	1	14	15.41	15.48	15.39		
3	64QAM	8	0	15.17	15.37	15.10		
3	64QAM	8	4	15.29	15.35	15.26		
3	64QAM	8	7	15.04	15.42	15.07		
3	64QAM	15	0	15.07	15.35	15.12		
3	256QAM	1	0	15.19	15.52	15.14		
3	256QAM	1	8	15.26	15.35	15.28	16.5	0
3	256QAM	1	14	15.17	15.36	15.18		
3	256QAM	8	0	15.23	15.29	15.19		
3	256QAM	8	4	15.37	15.30	15.04	16.5	0
3	256QAM	8	7	15.43	15.47	15.27		
3	256QAM	15	0	15.29	15.43	15.24		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	15.45	15.46	15.50	16.5	0
1.4	QPSK	1	3	15.27	15.40	15.24		
1.4	QPSK	1	5	15.40	15.40	15.21		
1.4	QPSK	3	0	15.37	15.37	15.48		
1.4	QPSK	3	1	15.40	15.35	15.19		
1.4	QPSK	3	3	15.26	15.36	15.22		
1.4	QPSK	6	0	15.11	15.41	15.43	16.5	0
1.4	16QAM	1	0	15.25	15.48	15.29	16.5	0
1.4	16QAM	1	3	15.23	15.37	15.26		
1.4	16QAM	1	5	15.26	15.59	15.62		
1.4	16QAM	3	0	15.34	15.33	15.27		
1.4	16QAM	3	1	15.42	15.35	15.29		
1.4	16QAM	3	3	15.05	15.31	15.11		
1.4	16QAM	6	0	15.12	15.42	15.23	16.5	0
1.4	64QAM	1	0	15.28	15.58	15.52	16.5	0
1.4	64QAM	1	3	15.33	15.38	15.26		
1.4	64QAM	1	5	15.29	15.58	15.56		
1.4	64QAM	3	0	15.12	15.36	15.09		
1.4	64QAM	3	1	15.21	15.44	15.42		
1.4	64QAM	3	3	15.22	15.28	15.31		
1.4	64QAM	6	0	15.40	15.30	15.11	16.5	0
1.4	256QAM	1	0	15.32	15.34	15.10	16.5	0
1.4	256QAM	1	3	15.43	15.47	15.14		
1.4	256QAM	1	5	15.31	15.36	15.06		
1.4	256QAM	3	0	15.15	15.29	15.24		
1.4	256QAM	3	1	15.33	15.34	15.12		
1.4	256QAM	3	3	15.40	15.59	15.14		
1.4	256QAM	6	0	15.23	15.42	15.23	16.5	0

Band 4 Ant4 DSI 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	15.95	16.07	16.02	16.7	0
20	QPSK	1	49	16.02	16.05	15.85		
20	QPSK	1	99	15.88	16.06	15.84		
20	QPSK	50	0	15.79	15.90	15.65		
20	QPSK	50	24	15.70	15.82	15.70		
20	QPSK	50	50	15.64	15.78	15.62		
20	QPSK	100	0	15.86	15.98	15.66		
20	16QAM	1	0	15.77	15.89	15.83		
20	16QAM	1	49	15.73	15.93	15.84		
20	16QAM	1	99	15.82	15.95	15.71		
20	16QAM	50	0	15.85	16.05	15.86		
20	16QAM	50	24	15.75	15.98	15.93		
20	16QAM	50	50	15.90	15.94	15.71		
20	16QAM	100	0	15.90	15.93	15.70		
20	64QAM	1	0	15.91	15.95	15.89		
20	64QAM	1	49	15.65	15.85	15.61		
20	64QAM	1	99	15.81	15.87	15.96		
20	64QAM	50	0	15.67	15.88	15.75		
20	64QAM	50	24	15.80	15.89	15.67		
20	64QAM	50	50	15.76	15.94	15.90		
20	64QAM	100	0	15.84	16.00	15.81		
20	256QAM	1	0	15.76	15.93	15.86		
20	256QAM	1	49	15.91	16.05	15.82		
20	256QAM	1	99	16.01	16.06	15.98		
20	256QAM	50	0	15.83	15.92	15.77		
20	256QAM	50	24	15.83	16.01	15.88		
20	256QAM	50	50	15.84	15.88	15.70		
20	256QAM	100	0	15.93	15.98	15.89		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	15.89	15.91	15.99	16.7	0
15	QPSK	1	37	15.95	16.01	15.79		
15	QPSK	1	74	15.79	16.00	15.71		
15	QPSK	36	0	15.66	15.79	15.60		
15	QPSK	36	20	15.63	15.79	15.65		
15	QPSK	36	39	15.61	15.70	15.58		
15	QPSK	75	0	15.74	15.85	15.55		
15	16QAM	1	0	15.65	15.71	15.70		
15	16QAM	1	37	15.66	15.80	15.79		
15	16QAM	1	74	15.71	15.80	15.65		
15	16QAM	36	0	15.81	16.00	15.70		
15	16QAM	36	20	15.65	15.87	15.82		
15	16QAM	36	39	15.72	15.78	15.61		
15	16QAM	75	0	15.81	15.89	15.57		
15	64QAM	1	0	15.86	15.82	15.71		
15	64QAM	1	37	15.59	15.73	15.46		
15	64QAM	1	74	15.66	15.83	15.79		
15	64QAM	36	0	15.62	15.76	15.72		
15	64QAM	36	20	15.69	15.72	15.61		
15	64QAM	36	39	15.60	15.89	15.74		
15	64QAM	75	0	15.80	15.85	15.73		
15	256QAM	1	0	15.68	15.81	15.69		
15	256QAM	1	37	15.76	15.87	15.68		
15	256QAM	1	74	15.92	16.02	15.91		
15	256QAM	36	0	15.71	15.87	15.62		
15	256QAM	36	20	15.76	15.99	15.75		
15	256QAM	36	39	15.69	15.77	15.58		
15	256QAM	75	0	15.83	15.95	15.77		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	15.78	16.00	15.85	16.7	0
10	QPSK	1	25	15.96	15.92	15.82		
10	QPSK	1	49	15.79	16.00	15.82		
10	QPSK	25	0	15.62	15.79	15.55		
10	QPSK	25	12	15.57	15.65	15.59		
10	QPSK	25	25	15.55	15.66	15.45		
10	QPSK	50	0	15.71	15.77	15.49		
10	16QAM	1	0	15.62	15.71	15.77		
10	16QAM	1	25	15.66	15.78	15.75		
10	16QAM	1	49	15.75	15.90	15.54		
10	16QAM	25	0	15.81	15.94	15.72		
10	16QAM	25	12	15.60	15.95	15.83		
10	16QAM	25	25	15.84	15.89	15.57		
10	16QAM	50	0	15.76	15.88	15.58		
10	64QAM	1	0	15.78	15.84	15.78		
10	64QAM	1	25	15.50	15.81	15.46		
10	64QAM	1	49	15.67	15.84	15.93		
10	64QAM	25	0	15.59	15.75	15.67		
10	64QAM	25	12	15.72	15.85	15.64		
10	64QAM	25	25	15.60	15.82	15.81		
10	64QAM	50	0	15.81	15.89	15.65		
10	256QAM	1	0	15.67	15.83	15.73		
10	256QAM	1	25	15.86	16.01	15.67	16.7	0
10	256QAM	1	49	15.93	16.04	15.95		
10	256QAM	25	0	15.70	15.82	15.62		
10	256QAM	25	12	15.77	15.94	15.78		
10	256QAM	25	25	15.76	15.81	15.54		
10	256QAM	50	0	15.76	15.92	15.80		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	15.91	15.98	15.89	16.7	0
5	QPSK	1	12	15.89	15.91	15.82		
5	QPSK	1	24	15.77	15.99	15.80		
5	QPSK	12	0	15.74	15.87	15.48		
5	QPSK	12	7	15.60	15.86	15.67		
5	QPSK	12	13	15.58	15.64	15.45		
5	QPSK	25	0	15.82	15.72	15.58		
5	16QAM	1	0	15.71	15.77	15.73		
5	16QAM	1	12	15.57	15.88	15.75		
5	16QAM	1	24	15.69	15.90	15.62		
5	16QAM	12	0	15.75	15.97	15.83		
5	16QAM	12	7	15.70	15.92	15.80		
5	16QAM	12	13	15.72	15.80	15.59		
5	16QAM	25	0	15.80	15.78	15.60		
5	64QAM	1	0	15.83	15.80	15.77		
5	64QAM	1	12	15.60	15.72	15.51		
5	64QAM	1	24	15.64	15.76	15.79		
5	64QAM	12	0	15.56	15.73	15.66		
5	64QAM	12	7	15.68	15.73	15.59		
5	64QAM	12	13	15.74	15.82	15.86		
5	64QAM	25	0	15.66	15.92	15.67		
5	256QAM	1	0	15.65	15.84	15.80		
5	256QAM	1	12	15.82	15.95	15.77	16.7	0
5	256QAM	1	24	15.88	15.99	15.89		
5	256QAM	12	0	15.81	15.92	15.75		
5	256QAM	12	7	15.72	15.85	15.81		
5	256QAM	12	13	15.80	15.82	15.61		
5	256QAM	25	0	15.86	15.92	15.79		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	15.78	15.96	15.97	16.7	0
3	QPSK	1	8	15.86	15.98	15.81		
3	QPSK	1	14	15.81	15.87	15.81		
3	QPSK	8	0	15.67	15.74	15.52		
3	QPSK	8	4	15.63	15.70	15.54		
3	QPSK	8	7	15.48	15.70	15.51		
3	QPSK	15	0	15.79	15.84	15.57		
3	16QAM	1	0	15.63	15.80	15.76		
3	16QAM	1	8	15.68	15.80	15.79		
3	16QAM	1	14	15.68	15.92	15.69		
3	16QAM	8	0	15.72	16.01	15.75		
3	16QAM	8	4	15.64	15.82	15.89		
3	16QAM	8	7	15.77	15.85	15.66		
3	16QAM	15	0	15.81	15.91	15.64		
3	64QAM	1	0	15.85	15.84	15.74		
3	64QAM	1	8	15.60	15.76	15.56		
3	64QAM	1	14	15.71	15.72	15.87		
3	64QAM	8	0	15.51	15.85	15.67		
3	64QAM	8	4	15.75	15.78	15.59		
3	64QAM	8	7	15.65	15.86	15.76		
3	64QAM	15	0	15.80	15.91	15.74		
3	256QAM	1	0	15.60	15.88	15.80		
3	256QAM	1	8	15.78	15.93	15.65	16.7	0
3	256QAM	1	14	15.88	16.00	15.87		
3	256QAM	8	0	15.73	15.78	15.69		
3	256QAM	8	4	15.75	15.96	15.84	16.7	0
3	256QAM	8	7	15.67	15.73	15.62		
3	256QAM	15	0	15.85	15.89	15.86		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	15.78	15.90	15.99	16.7	0
1.4	QPSK	1	3	15.85	16.01	15.74		
1.4	QPSK	1	5	15.84	15.94	15.77		
1.4	QPSK	3	0	15.77	15.78	15.57		
1.4	QPSK	3	1	15.67	15.68	15.60		
1.4	QPSK	3	3	15.58	15.73	15.52		
1.4	QPSK	6	0	15.81	15.72	15.51	16.7	0
1.4	16QAM	1	0	15.73	15.76	15.79	16.7	0
1.4	16QAM	1	3	15.69	15.89	15.75		
1.4	16QAM	1	5	15.70	15.90	15.53		
1.4	16QAM	3	0	15.71	15.99	15.82		
1.4	16QAM	3	1	15.65	15.80	15.84		
1.4	16QAM	3	3	15.87	15.89	15.58		
1.4	16QAM	6	0	15.78	15.77	15.58	16.7	0
1.4	64QAM	1	0	15.74	15.88	15.83	16.7	0
1.4	64QAM	1	3	15.48	15.80	15.49		
1.4	64QAM	1	5	15.75	15.80	15.83		
1.4	64QAM	3	0	15.62	15.72	15.64		
1.4	64QAM	3	1	15.68	15.71	15.64		
1.4	64QAM	3	3	15.66	15.90	15.76		
1.4	64QAM	6	0	15.68	15.83	15.67	16.7	0
1.4	256QAM	1	0	15.68	15.87	15.69	16.7	0
1.4	256QAM	1	3	15.75	15.98	15.71		
1.4	256QAM	1	5	15.87	16.03	15.86		
1.4	256QAM	3	0	15.72	15.82	15.69		
1.4	256QAM	3	1	15.78	15.99	15.79		
1.4	256QAM	3	3	15.74	15.73	15.58		
1.4	256QAM	6	0	15.82	15.86	15.83	16.7	0

Band 7 Ant4 DSI 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	16.04	16.15	16.06	16.7	0
20	QPSK	1	49	16.00	16.07	16.12		
20	QPSK	1	99	16.09	16.10	15.92		
20	QPSK	50	0	15.91	16.10	16.01		
20	QPSK	50	24	16.06	16.08	16.00		
20	QPSK	50	50	15.95	15.99	16.02		
20	QPSK	100	0	15.89	15.99	15.98		
20	16QAM	1	0	16.02	15.88	16.04		
20	16QAM	1	49	15.95	15.99	15.96		
20	16QAM	1	99	16.03	15.95	15.93		
20	16QAM	50	0	16.11	16.10	16.01		
20	16QAM	50	24	15.97	15.94	16.08		
20	16QAM	50	50	15.95	16.00	16.12		
20	16QAM	100	0	16.03	15.94	15.95		
20	64QAM	1	0	15.90	16.00	16.08		
20	64QAM	1	49	15.97	16.10	15.95		
20	64QAM	1	99	16.10	15.97	16.03		
20	64QAM	50	0	16.04	16.11	16.04		
20	64QAM	50	24	15.97	15.99	15.91		
20	64QAM	50	50	16.08	16.10	16.08		
20	64QAM	100	0	16.05	15.95	16.11		
20	256QAM	1	0

Band 25 Ant4 DSI 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	15.98	16.17	15.98		
20	QPSK	1	49	16.12	15.98	16.02	17	0
20	QPSK	1	99	16.07	15.99	16.15		
20	QPSK	50	0	16.09	16.10	16.05		
20	QPSK	50	24	15.97	16.09	16.04	17	0
20	QPSK	50	50	16.07	16.01	16.08		
20	QPSK	100	0	16.05	16.07	16.04		
20	16QAM	1	0	16.09	16.10	16.12		
20	16QAM	1	49	16.04	15.99	16.15	17	0
20	16QAM	1	99	16.11	16.05	16.16		
20	16QAM	50	0	16.07	16.13	16.11		
20	16QAM	50	24	15.96	16.05	16.10	17	0
20	16QAM	50	50	16.01	16.10	16.14		
20	16QAM	100	0	15.83	16.15	16.02		
20	64QAM	1	0	16.16	16.13	16.08		
20	64QAM	1	49	16.12	16.01	16.15	17	0
20	64QAM	1	99	16.16	16.09	16.01		
20	64QAM	50	0	15.97	15.97	16.11		
20	64QAM	50	24	16.12	16.14	15.96	17	0
20	64QAM	50	50	16.11	16.14	15.98		
20	64QAM	100	0	16.13	16.15	16.16		
20	256QAM	1	0	16.11	16.11	16.11		
20	256QAM	1	49	16.08	16.00	16.03	17	0
20	256QAM	1	99	16.05	16.11	16.04		
20	256QAM	50	0	16.04	16.04	16.02		
20	256QAM	50	24	16.08	16.02	16.05	17	0
20	256QAM	50	50	16.08	16.09	16.11		
20	256QAM	100	0	16.04	16.09	15.97		
3	Channel			26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1857.5	1880	1907.5		
15	QPSK	1	0	15.88	16.07	15.84		
15	QPSK	1	37	15.94	15.99	15.94	17	0
15	QPSK	1	74	16.03	15.88	16.08		
15	QPSK	36	0	16.00	16.05	16.06		
15	QPSK	36	20	16.00	15.94	15.99	17	0
15	QPSK	36	39	16.07	16.05	16.11		
15	QPSK	75	0	15.96	15.98	15.89		
15	16QAM	1	0	16.12	15.97	16.11		
15	16QAM	1	37	16.01	16.07	16.12	17	0
15	16QAM	1	74	16.09	15.97	16.13		
15	16QAM	36	0	15.78	16.00	15.95		
15	16QAM	36	20	15.97	15.97	16.13	17	0
15	16QAM	36	39	16.09	16.04	16.05		
15	16QAM	75	0	16.00	15.96	16.06		
15	64QAM	1	0	16.05	16.04	15.94		
15	64QAM	1	37	15.92	15.88	16.03	17	0
15	64QAM	1	74	16.06	16.03	15.85		
15	64QAM	36	0	15.84	15.82	15.92		
15	64QAM	36	20	16.00	16.01	15.88	17	0
15	64QAM	36	39	15.99	16.00	15.91		
15	64QAM	75	0	16.12	15.83	16.08		
15	256QAM	1	0	16.01	16.06	16.05		
15	256QAM	1	37	16.02	16.03	16.03	17	0
15	256QAM	1	74	15.96	16.00	16.06		
15	256QAM	36	0	15.94	16.05	15.85		
15	256QAM	36	20	16.08	15.93	15.97	17	0
15	256QAM	36	39	16.01	16.01	16.11		
15	256QAM	75	0	15.94	16.12	15.95		
5	Channel			26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1855	1880	1910		
10	QPSK	1	0	16.02	16.04	16.00		
10	QPSK	1	25	16.07	15.96	15.91	17	0
10	QPSK	1	49	16.10	15.94	16.06		
10	QPSK	25	0	16.12	16.01	15.99		
10	QPSK	25	12	15.82	15.89	16.03	17	0
10	QPSK	25	25	15.96	16.03	15.93		
10	QPSK	50	0	15.87	15.90	15.98		
10	16QAM	1	0	15.97	15.98	16.14		
10	16QAM	1	25	15.97	15.99	16.09	17	0
10	16QAM	1	49	15.93	15.86	16.04		
10	16QAM	25	0	15.85	16.14	16.10		
10	16QAM	25	12	15.88	15.88	16.03	17	0
10	16QAM	25	25	16.13	16.00	16.12		
10	16QAM	50	0	16.13	16.10	15.89		
10	64QAM	1	0	15.96	15.94	16.01		
10	64QAM	1	25	15.96	15.98	16.13	17	0
10	64QAM	1	49	16.16	16.07	15.81		
10	64QAM	25	0	15.93	15.92	16.03		
10	64QAM	25	12	16.10	16.04	16.04	17	0
10	64QAM	25	25	15.97	16.08	15.83		
10	64QAM	50	0	16.12	16.07	16.12		
10	256QAM	1	0	16.02	16.09	16.10		
10	256QAM	1	25	16.11	15.88	15.83	17	0
10	256QAM	1	49	16.01	15.94	16.04		
10	256QAM	25	0	15.89	15.91	15.90		
10	256QAM	25	12	15.92	15.90	16.08	17	0
10	256QAM	25	25	16.07	16.12	15.98		
10	256QAM	50	0	15.98	15.94	15.81		
5	Channel			26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1852.5	1880	1912.5		
5	QPSK	1	0	15.93	16.05	15.93		
5	QPSK	1	12	16.14	16.02	16.03	17	0
5	QPSK	1	24	15.91	15.97	15.82		
5	QPSK	12	0	16.07	15.88	15.95		
5	QPSK	12	7	15.80	15.92	15.88	17	0
5	QPSK	12	13	16.09	15.85	16.06		
5	QPSK	25	0	16.07	15.94	16.07		
5	16QAM	1	0	16.04	15.96	16.02		
5	16QAM	1	12	15.90	15.98	15.96	17	0
5	16QAM	1	24	16.04	15.98	16.11		
5	16QAM	12	0	15.86	16.08	16.10		
5	16QAM	12	7	15.98	16.07	16.13	17	0
5	16QAM	12	13	15.98	16.11	16.06		
5	16QAM	25	0	16.12	16.02	15.99		
5	64QAM	1	0	16.05	16.13	15.91		
5	64QAM	1	12	16.11	16.03	16.06	17	0
5	64QAM	1	24	16.15	16.09	15.91		
5	64QAM	12	0	15.94	15.95	16.11		
5	64QAM	12	7	15.95	16.00	15.99	17	0
5	64QAM	12	13	16.06	16.08	15.89		
5	64QAM	25	0	16.09	15.98	16.16		
5	256QAM	1	0	16.00	16.00	16.00		
5	256QAM	1	12	16.02	16.03	16.11	17	0
5	256QAM	1	24	16.03	16.04	16.07		
5	256QAM	12	0	15.91	15.93	16.00		
5	256QAM	12	7	15.92	15.88	15.86	17	0
5	256QAM	12	13	16.02	16.11	15.92		
5	256QAM	25	0	16.08	16.06	15.84		
3	Channel			26015	26340	26675	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1851.5	1880	1913.5		
3	QPSK	1	0	15.87	15.97	15.92		
3	QPSK	1	8	16.00	15.95	15.95	17	0
3	QPSK	1	14	16.06	15.97	16.09		
3	QPSK	8	0	16.03	16.09	16.01		
3	QPSK	8	4	15.87	16.02	16.06	17	0
3	QPSK	8	7	16.07	15.94	15.98		
3	QPSK	15	0	15.92	16.07	16.01		
3	16QAM	1	0	16.09	15.94	16.16		
3	16QAM	1	8	15.91	16.01	16.08	17	0
3	16QAM	1	14	16.03	15.91	16.15		
3	16QAM	8	0	15.80	16.15	15.93		
3	16QAM	8	4	16.00	16.05	16.01	17	0
3	16QAM	8	7	16.05	15.95	16.05		
3	16QAM	15	0	16.00	16.07	15.91		
3	64QAM	1	0	16.07	16.07	15.90		
3	64QAM	1	8	16.08	15.88	16.12	17	0
3	64QAM	1	14	16.10	16.06	15.93		
3	64QAM	8	0	15.83	15.84	15.93		
3	64QAM	8	4	15.96	15.96	15.99	17	0
3	64QAM	8	7	16.01	15.99	15.81		
3	64QAM	15	0	16.10	16.08	16.13		
3	256QAM	1	0	15.91	15.95	15.99		
3	256QAM	1	8	16.03	15.94	16.06	17	0
3	256QAM	1	14	16.04	16.06	15.85		
3	256QAM	8	0	16.01	16.02	15.86		
3	256QAM	8	4	16.01	15.99	15.92	17	0
3	256QAM	8	7	16.16	15.94	15.97		
3	256QAM	15	0	15.86	15.90	15.85		
1.4	Channel			26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1850.7	1880	1914.3		
1.4	QPSK	1	0	16.00	16.04	15.96		
1.4	QPSK	1	3	15.93	15.83	15.91		
1.4	QPSK	1	5	16.02	15.86	16.10	17	0
1.4	QPSK	3	0	16.10	15.97	16.10		
1.4	QPSK	3	1	15.89	16.02	15.96		
1.4	QPSK	3	3	16.09	15.97	16.06		
1.4	QPSK	6	0	15.85	16.04	16.06	17	0
1.4	16QAM	1	0	15.92	16.09	16.01		
1.4	16QAM	1	3	15.94	16.09	16.07		
1.4	16QAM	1	5	15.97	16.00	15.97	17	0
1.4	16QAM	3	0	15.89	16.10	16.09		
1.4	16QAM	3	1	15.77	15.90	15.91		
1.4	16QAM	3	3	16.02	15.96	16.13		
1.4	16QAM	6	0	16.12	16.01	16.04	17	0
1.4	64QAM	1	0	16.04	16.03	16.08		
1.4	64QAM	1	3	16.02	15.88	16.00		
1.4	64QAM	1	5	16.13	15.93	16.03	17	0
1.4	64QAM	3	0	15.85	15.85	16.13		
1.4	64QAM	3	1	16.06	16.05	16.00		
1.4	64QAM	3	3	16.08	16.12	16.00		
1.4	64QAM	6	0	16.12	16.02	16.16	17	0
1.4	256QAM	1	0	16.07	16.10	16.12		
1.4	256QAM	1	3	16.03	16.03	15.86		
1.4	256QAM	1	5	16.05	16.12	15.95	17	0
1.4	256QAM	3	0	16.04	15.86	16.03		
1.4	256QAM	3	1	16.00	15.97	16.09		
1.4	256QAM	3	3	16.07	15.94	16.11		
1.4	256QAM	6	0	15.88	16.01	15.93	17	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				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	16.01	16.08	16.03		
20	QPSK	1	49	15.94	16.06	15.89	16.7	0
20	QPSK	1	99	15.85	16.07	15.89		
20	QPSK	50	0	16.01	16.04	15.86		
20	QPSK	50	24	16.03	15.97	15.99	16.7	0
20	QPSK	50	50	15.96	15.99	15.98		
20	QPSK	100	0	15.89	16.03	16.01		
20	16QAM	1	0	15.94	16.03	16.00		
20	16QAM	1	49	15.93	15.94	15.86	16.7	0
20	16QAM	1	99	16.00	16.04	15.97		
20	16QAM	50	0	15.89	15.97	15.95		
20	16QAM	50	24	16.00	15.93	15.99	16.7	0
20	16QAM	50	50	16.07	16.02	15.85		
20	16QAM	100	0	15.97	16.02	15.92		
20	64QAM	1	0	16.00	15.89	15.87		
20	64QAM	1	49	15.84	15.93	15.92	16.7	0
20	64QAM	1	99	15.96	16.01	15.89		
20	64QAM	50	0	16.07	15.85	15.90		
20	64QAM	50	24	15.91	16.01	15.88	16.7	0
20	64QAM	50	50	16.03	15.91	16.02		
20	64QAM	100	0	15.95	15.91	16.01		
20	256QAM	1	0	16.02	15.91	15.87		
20	256QAM	1	49	16.03	15.85	15.92	16.7	0
20	256QAM	1	99	15.94	15.93	16.02		
20	256QAM	50	0	16.02	16.07	16.02		
20	256QAM	50	24	15.86	15.87	15.88	16.7	0
20	256QAM	50	50	15.96	15.86	16.02		
20	256QAM	100	0	15.91	16.07	15.93		
3	Channel			132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1717.5	1745	1772.5		
15	QPSK	1	0	15.91	15.95	15.99		
15	QPSK	1	37	15.85	15.91	15.84	16.7	0
15	QPSK	1	74	15.83	15.99	15.84		
15	QPSK	36	0	15.83	15.90	15.69		
15	QPSK	36	20	15.98	15.94	15.86	16.7	0
15	QPSK	36	39	15.79	15.92	15.88		
15	QPSK	75	0	15.76	15.90	15.92		
15	16QAM	1	0	15.77	15.93	15.83		
15	16QAM	1	37	15.90	15.91	15.83	16.7	0
15	16QAM	1	74	15.86	15.94	15.80		
15	16QAM	36	0	15.75	15.93	15.82		
15	16QAM	36	20	15.97	15.86	15.85	16.7	0
15	16QAM	36	39	16.05	15.99	15.68		
15	16QAM	75	0	15.94	15.93	15.74		
15	64QAM	1	0	15.83	15.86	15.78		
15	64QAM	1	37	15.70	15.76	15.81	16.7	0
15	64QAM	1	74	15.84	15.88	15.78		
15	64QAM	36	0	15.92	15.67	15.76		
15	64QAM	36	20	15.75	15.85	15.77	16.7	0
15	64QAM	36	39	15.96	15.83	15.85		
15	64QAM	75	0	15.80	15.82	15.85		
15	256QAM	1	0	15.89	15.78	15.80		
15	256QAM	1	37	15.88	15.73	15.77	16.7	0
15	256QAM	1	74	15.77	15.78	15.97		
15	256QAM	36	0	15.96	16.02	15.92		
15	256QAM	36	20	15.73	15.70	15.72	16.7	0
15	256QAM	36	39	15.84	15.73	15.87		
15	256QAM	75	0	15.82	15.98	15.83		
5	Channel			132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1715	1745	1775		
10	QPSK	1	0	15.94	16.02	15.93		
10	QPSK	1	25	15.86	16.04	15.74	16.7	0
10	QPSK	1	49	15.79	15.92	15.79		
10	QPSK	25	0	15.84	15.88	15.81		
10	QPSK	25	12	15.89	15.85	15.92	16.7	0
10	QPSK	25	25	15.93	15.85	15.85		
10	QPSK	50	0	15.85	15.98	15.89		
10	16QAM	1	0	15.77	15.90	15.92		
10	16QAM	1	25	15.78	15.77	15.76	16.7	0
10	16QAM	1	49	15.97	16.01	15.80		
10	16QAM	25	0	15.81	15.93	15.78		
10	16QAM	25	12	15.95	15.78	15.92	16.7	0
10	16QAM	25	25	16.03	15.87	15.76		
10	16QAM	50	0	15.88	15.96	15.86		
10	64QAM	1	0	15.93	15.83	15.70		
10	64QAM	1	25	15.66	15.83	15.88	16.7	0
10	64QAM	1	49	15.92	15.85	15.84		
10	64QAM	25	0	16.03	15.79	15.84		
10	64QAM	25	12	15.76	15.98	15.78	16.7	0
10	64QAM	25	25	15.94	15.81	15.90		
10	64QAM	50	0	15.81	15.77	15.96		
10	256QAM	1	0	15.92	15.84	15.76		
10	256QAM	1	25	15.97	15.69	15.86	16.7	0
10	256QAM	1	49	15.83	15.75	15.91		
10	256QAM	25	0	15.92	15.93	15.98		
10	256QAM	25	12	15.75	15.70	15.71	16.7	0
10	256QAM	25	25	15.83	15.76	15.91		
10	256QAM	50	0	15.74	15.97	15.88		
5	Channel			131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1712.5	1745	1777.5		
5	QPSK	1	0	15.95	15.93	15.94		
5	QPSK	1	12	15.89	15.97	15.78	16.7	0
5	QPSK	1	24	15.70	15.98	15.71		
5	QPSK	12	0	15.93	15.86	15.70		
5	QPSK	12	7	16.00	15.90	15.85	16.7	0
5	QPSK	12	13	15.85	15.88	15.80		
5	QPSK	25	0	15.83	15.96	15.99		
5	16QAM	1	0	15.82	15.90	15.92		
5	16QAM	1	12	15.85	15.84	15.73	16.7	0
5	16QAM	1	24	15.86	15.97	15.84		
5	16QAM	12	0	15.87	15.80	15.85		
5	16QAM	12	7	15.86	15.88	15.83	16.7	0
5	16QAM	12	13	15.98	15.87	15.71		
5	16QAM	25	0	15.88	15.84	15.76		
5	64QAM	1	0	15.93	15.79	15.79		
5	64QAM	1	12	15.75	15.80	15.88	16.7	0
5	64QAM	1	24	15.84	15.88	15.76		
5	64QAM	12	0	15.92	15.79	15.75		
5	64QAM	12	7	15.82	15.94	15.75	16.7	0
5	64QAM	12	13	16.00	15.75	15.88		
5	64QAM	25	0	15.77	15.86	15.89		
5	256QAM	1	0	15.98	15.85	15.84		
5	256QAM	1	12	15.91	15.77	15.82	16.7	0
5	256QAM	1	24	15.92	15.77	15.99		
5	256QAM	12	0	15.99	15.91	15.98		
5	256QAM	12	7	15.83	15.69	15.74	16.7	0
5	256QAM	12	13	15.80	15.71	15.88		
5	256QAM	25	0	15.81	15.95	15.77		
3	Channel			131947	132322	132697	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1711.5	1745	1778.5		
3	QPSK	1	0	15.93	15.97	15.95		
3	QPSK	1	8	15.86	15.99	15.84	16.7	0
3	QPSK	1	14	15.72	15.97	15.71		
3	QPSK	8	0	15.92	15.88	15.77		
3	QPSK	8	4	15.88	15.94	15.82	16.7	0
3	QPSK	8	7	15.89	15.85	15.93		
3	QPSK	15	0	15.83	15.86	15.90		
3	16QAM	1	0	15.84	15.88	15.95		
3	16QAM	1	8	15.84	15.78	15.80	16.7	0
3	16QAM	1	14	15.95	15.93	15.90		
3	16QAM	8	0	15.86	15.91	15.81		
3	16QAM	8	4	15.94	15.89	15.90	16.7	0
3	16QAM	8	7	16.00	15.91	15.69		
3	16QAM	15	0	15.82	15.88	15.76		
3	64QAM	1	0	15.84	15.80	15.73		
3	64QAM	1	8	15.75	15.81	15.74	16.7	0
3	64QAM	1	14	15.82	15.96	15.81		
3	64QAM	8	0	15.96	15.71	15.87		
3	64QAM	8	4	15.74	15.86	15.75	16.7	0
3	64QAM	8	7	15.94	15.78	15.93		
3	64QAM	15	0	15.88	15.75	15.95		
3	256QAM	1	0	15.87	15.78	15.74		
3	256QAM	1	8	15.91	15.74	15.85	16.7	0
3	256QAM	1	14	15.86	15.82	15.92		
3	256QAM	8	0	15.91	16.01	15.95		
3	256QAM	8	4	15.79	15.71	15.86	16.7	0
3	256QAM	8	7	15.91	15.82	15.88		
3	256QAM	15	0	15.89	15.94	15.81		
1.4	Channel			131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			1710.7	1745	1779.3		
1.4	QPSK	1	0	15.98	15.97	15.98		
1.4	QPSK	1	3	15.79	15.89	15.86		
1.4	QPSK	1	5	15.79	15.96	15.76	16.7	0
1.4	QPSK	3	0	15.89	15.95	15.77		
1.4	QPSK	3	1	15.99	15.81	15.87		
1.4	QPSK	3	3	15.81	15.93	15.80		
1.4	QPSK	6	0	15.94	15.99	15.89	16.7	0
1.4	16QAM	1	0	15.81	15.89	15.97		
1.4	16QAM	1	3	15.83	15.81	15.82		
1.4	16QAM	1	5	15.86	15.96	15.80	16.7	0
1.4	16QAM	3	0	15.84	15.85	15.84		
1.4	16QAM	3	1	15.89	15.85	15.97		
1.4	16QAM	3	3	15.98	15.89	15.70		
1.4	16QAM	6	0	15.80	15.90	15.74	16.7	0
1.4	64QAM	1	0	15.92	15.78	15.76		
1.4	64QAM	1	3	15.82	15.83	15.76		
1.4	64QAM	1	5	15.93	15.88	15.77	16.7	0
1.4	64QAM	3	0	15.97	15.69	15.73		
1.4	64QAM	3	1	15.87	15.88	15.70		
1.4	64QAM	3	3	15.98	15.86	15.97		
1.4	64QAM	6	0	15.80	15.87	15.87	16.7	0
1.4	256QAM	1	0	15.88	15.87	15.71		
1.4	256QAM	1	3	15.99	15.75	15.87		
1.4	256QAM	1	5	15.85	15.87	15.88	16.7	0
1.4	256QAM	3	0	15.86	16.00	15.87		
1.4	256QAM	3	1	15.74	15.84	15.81		
1.4	256QAM	3	3	15.84	15.84	15.96		
1.4	256QAM	6	0	15.79	15.94	15.75	16.7	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)				2580	2595	2610		
20	QPSK	1	0	18.19	18.23	18.11	18.7	0
20	QPSK	1	49	18.17	18.14	18.04		
20	QPSK	1	99	18.10	18.12	18.16		
20	QPSK	50	0	18.12	18.16	18.09	18.7	0
20	QPSK	50	24	18.14	18.12	18.02		
20	QPSK	50	50	18.09	18.11	18.08		
20	QPSK	100	0	18.06	18.15	18.12		
20	16QAM	1	0	18.01	18.14	18.04	18.7	0
20	16QAM	1	49	17.98	18.21	18.14		
20	16QAM	1	99	18.13	18.21	18.15		
20	16QAM	50	0	17.99	18.17	18.12	18.7	0
20	16QAM	50	24	18.04	18.10	18.03		
20	16QAM	50	50	18.15	18.05	18.08		
20	16QAM	100	0	18.11	17.93	18.16		
20	64QAM	1	0	18.13	18.05	18.01	18.7	0
20	64QAM	1	49	18.02	18.11	18.18		
20	64QAM	1	99	18.06	18.15	18.12		
20	64QAM	50	0	18.11	18.13	17.99	18.7	0
20	64QAM	50	24	18.01	18.11	18.22		
20	64QAM	50	50	18.00	18.18	18.07		
20	64QAM	100	0	18.06	18.00	18.07		
20	256QAM	1	0	18.19	18.02	18.03	18.7	0
20	256QAM	1	49	18.06	18.02	18.03		
20	256QAM	1	99	18.10	18.16	18.09		
20	256QAM	50	0	18.14	18.22	18.12	18.7	0
20	256QAM	50	24	18.17	18.13	18.15		
20	256QAM	50	50	18.05	17.97	18.20		
20	256QAM	100	0	17.86	18.11	18.04		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	18.01	18.16	18.06	18.7	0
15	QPSK	1	37	18.10	18.06	18.00		
15	QPSK	1	74	18.05	18.04	18.07		
15	QPSK	36	0	17.97	18.13	17.97	18.7	0
15	QPSK	36	20	18.04	18.11	18.01		
15	QPSK	36	39	18.01	18.07	18.03		
15	QPSK	75	0	17.98	18.09	18.04		
15	16QAM	1	0	18.02	18.08	18.01	18.7	0
15	16QAM	1	37	17.95	18.18	18.06		
15	16QAM	1	74	18.06	18.11	18.10		
15	16QAM	36	0	17.98	18.06	18.12	18.7	0
15	16QAM	36	20	17.99	18.03	17.98		
15	16QAM	36	39	18.10	17.97	18.00		
15	16QAM	75	0	18.04	17.86	18.15		
15	64QAM	1	0	18.08	17.99	18.00	18.7	0
15	64QAM	1	37	17.98	18.06	18.14		
15	64QAM	1	74	17.99	18.08	18.07		
15	64QAM	36	0	18.06	18.06	17.98	18.7	0
15	64QAM	36	20	17.93	18.04	18.12		
15	64QAM	36	39	17.97	18.14	18.04		
15	64QAM	75	0	18.03	17.93	17.99		
15	256QAM	1	0	18.17	17.98	17.99	18.7	0
15	256QAM	1	37	18.04	17.96	18.01		
15	256QAM	1	74	18.00	18.09	18.03		
15	256QAM	36	0	18.12	18.17	18.09	18.7	0
15	256QAM	36	20	18.15	18.11	18.10		
15	256QAM	36	39	18.00	17.95	18.15		
15	256QAM	75	0	17.87	18.08	18.01		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	18.00	18.17	18.04	18.7	0
10	QPSK	1	25	18.11	18.08	17.99		
10	QPSK	1	49	18.08	18.07	18.10		
10	QPSK	25	0	17.96	18.14	18.00	18.7	0
10	QPSK	25	12	18.07	18.10	17.96		
10	QPSK	25	25	18.04	18.09	18.07		
10	QPSK	50	0	18.01	18.09	18.04		
10	16QAM	1	0	18.01	18.13	17.96	18.7	0
10	16QAM	1	25	17.96	18.16	18.07		
10	16QAM	1	49	18.08	18.15	18.10		
10	16QAM	25	0	17.98	18.09	18.10	18.7	0
10	16QAM	25	12	18.02	18.03	18.00		
10	16QAM	25	25	18.08	17.98	18.00		
10	16QAM	50	0	18.01	17.92	18.10		
10	64QAM	1	0	18.11	17.96	17.98	18.7	0
10	64QAM	1	25	18.00	18.02	18.09		
10	64QAM	1	49	17.99	18.08	18.05		
10	64QAM	25	0	18.05	18.05	17.94	18.7	0
10	64QAM	25	12	17.96	18.06	18.14		
10	64QAM	25	25	17.97	18.08	18.04		
10	64QAM	50	0	18.03	17.93	18.04		
10	256QAM	1	0	18.16	17.96	17.99	18.7	0
10	256QAM	1	25	18.05	17.97	17.97		
10	256QAM	1	49	18.05	18.07	18.07		
10	256QAM	25	0	18.10	18.15	18.09	18.7	0
10	256QAM	25	12	18.12	18.08	18.15		
10	256QAM	25	25	18.02	17.95	18.15		
10	256QAM	50	0	17.83	18.07	17.99		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	17.98	18.20	18.08	18.7	0
5	QPSK	1	12	18.06	18.10	18.01		
5	QPSK	1	24	18.08	18.08	18.11		
5	QPSK	12	0	17.94	18.10	17.99	18.7	0
5	QPSK	12	7	18.09	18.08	18.00		
5	QPSK	12	13	18.03	18.05	18.05		
5	QPSK	25	0	17.96	18.14	18.08		
5	16QAM	1	0	18.00	18.11	17.99	18.7	0
5	16QAM	1	12	17.98	18.17	18.08		
5	16QAM	1	24	18.09	18.13	18.08		
5	16QAM	12	0	17.98	18.11	18.08	18.7	0
5	16QAM	12	7	17.99	18.01	18.00		
5	16QAM	12	13	18.10	17.95	18.04		
5	16QAM	25	0	18.02	17.87	18.11		
5	64QAM	1	0	18.10	17.96	17.98	18.7	0
5	64QAM	1	12	17.95	18.02	18.10		
5	64QAM	1	24	18.04	18.07	18.04		
5	64QAM	12	0	18.01	18.04	17.93	18.7	0
5	64QAM	12	7	17.95	18.04	18.17		
5	64QAM	12	13	17.92	18.13	18.00		
5	64QAM	25	0	17.98	17.92	18.00		
5	256QAM	1	0	18.13	17.98	17.98	18.7	0
5	256QAM	1	12	18.02	17.94	17.99		
5	256QAM	1	24	17.99	18.09	18.01		
5	256QAM	12	0	18.10	18.17	18.07	18.7	0
5	256QAM	12	7	18.12	18.11	18.10		
5	256QAM	12	13	18.02	17.95	18.16		
5	256QAM	25	0	17.86	18.05	18.03		

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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	17.75	17.76	17.80	17.71	17.68	18.2	0
20	QPSK	1	49	17.55	17.67	17.69	17.71	17.61		
20	QPSK	1	99	17.59	17.57	17.67	17.57	17.68		
20	QPSK	50	0	17.58	17.62	17.77	17.59	17.73	18.2	0
20	QPSK	50	24	17.66	17.67	17.57	17.58	17.69		
20	QPSK	50	50	17.67	17.72	17.65	17.59	17.57		
20	QPSK	100	0	17.61	17.57	17.69	17.55	17.58		
20	16QAM	1	0	17.70	17.70	17.62	17.62	17.73	18.2	0
20	16QAM	1	49	17.74	17.76	17.54	17.58	17.56		
20	16QAM	1	99	17.69	17.56	17.75	17.73	17.63		
20	16QAM	50	0	17.70	17.69	17.62	17.68	17.63	18.2	0
20	16QAM	50	24	17.65	17.62	17.55	17.55	17.66		
20	16QAM	50	50	17.63	17.73	17.76	17.58	17.68		
20	16QAM	100	0	17.61	17.63	17.58	17.63	17.62		
20	64QAM	1	0	17.66	17.57	17.57	17.61	17.61	18.2	0
20	64QAM	1	49	17.77	17.56	17.77	17.68	17.60		
20	64QAM	1	99	17.56	17.55	17.62	17.54	17.73		
20	64QAM	50	0	17.54	17.77	17.58	17.70	17.61	18.2	0
20	64QAM	50	24	17.67	17.60	17.63	17.75	17.63		
20	64QAM	50	50	17.62	17.65	17.61	17.68	17.76		
20	64QAM	100	0	17.63	17.60	17.56	17.72	17.75		
20	256QAM	1	0	17.60	17.55	17.64	17.55	17.69	18.2	0
20	256QAM	1	49	17.73	17.77	17.59	17.76	17.63		
20	256QAM	1	99	17.75	17.57	17.75	17.68	17.66		
20	256QAM	50	0	17.67	17.72	17.74	17.59	17.66	18.2	0
20	256QAM	50	24	17.64	17.55	17.63	17.67	17.67		
20	256QAM	50	50	17.58	17.68	17.71	17.59	17.58		
20	256QAM	100	0	17.54	17.59	17.59	17.77	17.69		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	17.63	17.67	17.72	17.55	17.64	18.20	0
15	QPSK	1	37	17.44	17.62	17.61	17.54	17.57		
15	QPSK	1	74	17.49	17.40	17.56	17.42	17.50		
15	QPSK	36	0	17.40	17.46	17.68	17.51	17.63	18.2	0
15	QPSK	36	20	17.62	17.53	17.50	17.55	17.57		
15	QPSK	36	39	17.55	17.68	17.56	17.54	17.44		
15	QPSK	75	0	17.56	17.43	17.58	17.37	17.42		
15	16QAM	1	0	17.64	17.63	17.48	17.53	17.57	18.2	0
15	16QAM	1	37	17.58	17.69	17.46	17.43	17.39		
15	16QAM	1	74	17.63	17.53	17.63	17.66	17.49		
15	16QAM	36	0	17.52	17.54	17.58	17.54	17.55	18.2	0
15	16QAM	36	20	17.56	17.60	17.44	17.46	17.59		
15	16QAM	36	39	17.58	17.57	17.60	17.54	17.59		
15	16QAM	75	0	17.43	17.59	17.52	17.48	17.49		
15	64QAM	1	0	17.55	17.54	17.54	17.52	17.45	18.2	0
15	64QAM	1	37	17.73	17.49	17.63	17.56	17.51		
15	64QAM	1	74	17.54	17.51	17.46	17.40	17.62		
15	64QAM	36	0	17.41	17.60	17.46	17.60	17.51	18.2	0
15	64QAM	36	20	17.57	17.55	17.55	17.66	17.52		
15	64QAM	36	39	17.56	17.52	17.47	17.64	17.72		
15	64QAM	75	0	17.54	17.46	17.42	17.69	17.66		
15	256QAM	1	0	17.52	17.48	17.48	17.48	17.51	18.2	0
15	256QAM	1	37	17.66	17.63	17.49	17.60	17.48		
15	256QAM	1	74	17.63	17.44	17.66	17.66	17.55		
15	256QAM	36	0	17.64	17.63	17.66	17.51	17.59	18.2	0
15	256QAM	36	20	17.56	17.38	17.54	17.56	17.58		
15	256QAM	36	39	17.50	17.58	17.61	17.44	17.46		
15	256QAM	75	0	17.46	17.56	17.44	17.75	17.54		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	17.70	17.59	17.69	17.54	17.56	18.20	0
10	QPSK	1	25	17.50	17.62	17.51	17.60	17.58		
10	QPSK	1	49	17.56	17.51	17.58	17.42	17.62		
10	QPSK	25	0	17.52	17.55	17.60	17.42	17.56	18.2	0
10	QPSK	25	12	17.54	17.59	17.41	17.46	17.57		
10	QPSK	25	25	17.61	17.65	17.61	17.47	17.47		
10	QPSK	50	0	17.51	17.55	17.57	17.39	17.45		
10	16QAM	1	0	17.57	17.54	17.44	17.58	17.57	18.2	0
10	16QAM	1	25	17.60	17.64	17.37	17.44	17.38		
10	16QAM	1	49	17.62	17.42	17.60	17.63	17.54		
10	16QAM	25	0	17.53	17.51	17.54	17.63	17.58	18.2	0
10	16QAM	25	12	17.59	17.45	17.48	17.41	17.58		
10	16QAM	25	25	17.53	17.56	17.72	17.50	17.53		
10	16QAM	50	0	17.47	17.50	17.43	17.45	17.55		
10	64QAM	1	0	17.49	17.43	17.42	17.52	17.47	18.2	0
10	64QAM	1	25	17.67	17.46	17.73	17.65	17.42		
10	64QAM	1	49	17.54	17.41	17.48	17.43	17.57		
10	64QAM	25	0	17.51	17.61	17.46	17.52	17.52	18.2	0
10	64QAM	25	12	17.55	17.42	17.55	17.71	17.48		
10	64QAM	25	25	17.45	17.61	17.57	17.58	17.60		
10	64QAM	50	0	17.47	17.46	17.42	17.67	17.66		
10	256QAM	1	0	17.50	17.46	17.47	17.49	17.62	18.2	0
10	256QAM	1	25	17.60	17.66	17.55	17.65	17.58		
10	256QAM	1	49	17.73	17.47	17.71	17.54	17.54		
10	256QAM	25	0	17.56	17.59	17.65	17.48	17.55	18.2	0
10	256QAM	25	12	17.61	17.43	17.56	17.56	17.59		
10	256QAM	25	25	17.49	17.65	17.60	17.45	17.45		
10	256QAM	50	0	17.36	17.54	17.47	17.63	17.62		
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	17.65	17.69	17.76	17.57	17.57	18.20	0
5	QPSK	1	12	17.43	17.59	17.61	17.61	17.45		
5	QPSK	1	24	17.47	17.54	17.57	17.44	17.62		
5	QPSK	12	0	17.53	17.56	17.74	17.47	17.59	18.2	0
5	QPSK	12	7	17.61	17.55	17.47	17.41	17.57		
5	QPSK	12	13	17.63	17.62	17.54	17.47	17.49		
5	QPSK	25	0	17.56	17.42	17.59	17.38	17.54		
5	16QAM	1	0	17.56	17.67	17.50	17.49	17.68	18.2	0
5	16QAM	1	12	17.72	17.71	17.43	17.55	17.54		
5	16QAM	1	24	17.66	17.47	17.70	17.58	17.53		
5	16QAM	12	0	17.63	17.52	17.59	17.59	17.59	18.2	0
5	16QAM	12	7	17.51	17.59	17.39	17.50	17.63		
5	16QAM	12	13	17.48	17.59	17.59	17.43	17.51		
5	16QAM	25	0	17.46	17.57	17.52	17.57	17.52		
5	64QAM	1	0	17.63	17.39	17.53	17.52	17.58	18.2	0
5	64QAM	1	12	17.60	17.40	17.71	17.64	17.44		
5	64QAM	1	24	17.47	17.50	17.52	17.39	17.58		
5	64QAM	12	0	17.43	17.65	17.50	17.54	17.47	18.2	0
5	64QAM	12	7	17.56	17.49	17.55	17.71	17.59		
5	64QAM	12	13	17.54	17.57	17.58	17.61	17.59		
5	64QAM	25	0	17.49	17.44	17.45	17.64	17.70		
5	256QAM	1	0	17.55	17.40	17.46	17.43	17.51	18.2	0
5	256QAM	1	12	17.67	17.70	17.42	17.61	17.48		
5	256QAM	1	24	17.68	17.45	17.62	17.61	17.49		
5	256QAM	12	0	17.61	17.62	17.65	17.49	17.56	18.2	0
5	256QAM	12	7	17.52	17.42	17.50	17.51	17.61		
5	256QAM	12	13	17.42	17.63	17.62	17.56	17.50		
5	256QAM	25	0	17.38	17.42	17.54	17.72	17.58		

		WCDMA IV Ant6 DSI 1			
Band		WCDMA IV			Tune-up Limit (dBm)
TX Channel		1312	1413	1513	
Rx Channel		1537	1638	1738	
Frequency (MHz)		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	16.15	16.35	16.13	17.70
3GPP Rel 99	RMC 12.2Kbps	16.48	16.57	16.40	17.70
3GPP Rel 6	HSDPA Subtest-1	15.34	15.30	15.47	16.70
3GPP Rel 6	HSDPA Subtest-2	15.35	15.56	15.48	16.70
3GPP Rel 6	HSDPA Subtest-3	14.82	15.05	15.04	16.20
3GPP Rel 6	HSDPA Subtest-4	14.88	15.07	14.83	16.20
3GPP Rel 8	DC-HSDPA Subtest-1	15.38	15.46	15.34	16.70
3GPP Rel 8	DC-HSDPA Subtest-2	15.41	15.44	15.41	16.70
3GPP Rel 8	DC-HSDPA Subtest-3	14.81	15.06	15.05	16.20
3GPP Rel 8	DC-HSDPA Subtest-4	14.86	14.98	14.79	16.20
3GPP Rel 6	HSUPA Subtest-1	15.35	15.23	15.49	16.70
3GPP Rel 6	HSUPA Subtest-2	13.34	13.48	13.54	14.70
3GPP Rel 6	HSUPA Subtest-3	14.37	14.41	14.29	15.70
3GPP Rel 6	HSUPA Subtest-4	13.30	13.56	13.48	14.70
3GPP Rel 6	HSUPA Subtest-5	15.13	15.51	15.42	16.70
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	12.74	12.87	12.90	14.20

Band 4 Ant6 DSI 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	15.63	15.76	15.65		
20	QPSK	1	49	15.69	15.66	15.68	16.9	0
20	QPSK	1	99	15.60	15.67	15.57		
20	QPSK	50	0	15.52	15.74	15.56		
20	QPSK	50	24	15.62	15.66	15.63	16.9	0
20	QPSK	50	50	15.59	15.69	15.63		
20	QPSK	100	0	15.54	15.62	15.53		
20	16QAM	1	0	15.70	15.60	15.61		
20	16QAM	1	49	15.58	15.65	15.73	16.9	0
20	16QAM	1	99	15.74	15.70	15.69		
20	16QAM	50	0	15.59	15.52	15.67		
20	16QAM	50	24	15.54	15.67	15.71	16.9	0
20	16QAM	50	50	15.52	15.70	15.73		
20	16QAM	100	0	15.64	15.53	15.59		
20	64QAM	1	0	15.75	15.74	15.53		
20	64QAM	1	49	15.64	15.63	15.72	16.9	0
20	64QAM	1	99	15.57	15.70	15.69		
20	64QAM	50	0	15.63	15.53	15.66		
20	64QAM	50	24	15.55	15.71	15.66	16.9	0
20	64QAM	50	50	15.62	15.67	15.55		
20	64QAM	100	0	15.62	15.54	15.71		
20	256QAM	1	0	15.54	15.70	15.55		
20	256QAM	1	49	15.59	15.58	15.64	16.9	0
20	256QAM	1	99	15.60	15.75	15.55		
20	256QAM	50	0	15.70	15.67	15.66		
20	256QAM	50	24	15.71	15.53	15.53	16.9	0
20	256QAM	50	50	15.54	15.74	15.53		
20	256QAM	100	0	15.53	15.65	15.64		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	15.63	15.67	15.63		
15	QPSK	1	37	15.47	15.55	15.61	16.9	0
15	QPSK	1	74	15.59	15.67	15.55		
15	QPSK	36	0	15.52	15.39	15.64		
15	QPSK	36	20	15.47	15.67	15.55	16.9	0
15	QPSK	36	39	15.54	15.51	15.42		
15	QPSK	75	0	15.54	15.59	15.39		
15	16QAM	1	0	15.51	15.41	15.43		
15	16QAM	1	37	15.39	15.51	15.63	16.9	0
15	16QAM	1	74	15.72	15.66	15.59		
15	16QAM	36	0	15.41	15.41	15.47		
15	16QAM	36	20	15.54	15.62	15.64	16.9	0
15	16QAM	36	39	15.33	15.67	15.58		
15	16QAM	75	0	15.53	15.52	15.43		
15	64QAM	1	0	15.70	15.74	15.50		
15	64QAM	1	37	15.64	15.53	15.69	16.9	0
15	64QAM	1	74	15.39	15.65	15.68		
15	64QAM	36	0	15.54	15.37	15.44		
15	64QAM	36	20	15.57	15.61	15.62	16.9	0
15	64QAM	36	39	15.62	15.48	15.44		
15	64QAM	75	0	15.61	15.40	15.54		
15	256QAM	1	0	15.41	15.55	15.39		
15	256QAM	1	37	15.44	15.52	15.51	16.9	0
15	256QAM	1	74	15.56	15.59	15.53		
15	256QAM	36	0	15.52	15.46	15.58		
15	256QAM	36	20	15.61	15.51	15.31	16.9	0
15	256QAM	36	39	15.44	15.73	15.55		
15	256QAM	75	0	15.42	15.53	15.58		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	15.51	15.71	15.64		
10	QPSK	1	25	15.59	15.54	15.61	16.9	0
10	QPSK	1	49	15.47	15.50	15.42		
10	QPSK	25	0	15.43	15.53	15.63		
10	QPSK	25	12	15.57	15.70	15.46	16.9	0
10	QPSK	25	25	15.53	15.57	15.42		
10	QPSK	50	0	15.66	15.54	15.47		
10	16QAM	1	0	15.59	15.39	15.48		
10	16QAM	1	25	15.48	15.58	15.53	16.9	0
10	16QAM	1	49	15.64	15.64	15.64		
10	16QAM	25	0	15.40	15.43	15.50		
10	16QAM	25	12	15.36	15.60	15.60	16.9	0
10	16QAM	25	25	15.51	15.57	15.53		
10	16QAM	50	0	15.54	15.36	15.59		
10	64QAM	1	0	15.55	15.70	15.50		
10	64QAM	1	25	15.44	15.50	15.51	16.9	0
10	64QAM	1	49	15.37	15.68	15.52		
10	64QAM	25	0	15.56	15.40	15.61		
10	64QAM	25	12	15.44	15.65	15.52	16.9	0
10	64QAM	25	25	15.57	15.67	15.40		
10	64QAM	50	0	15.57	15.35	15.64		
10	256QAM	1	0	15.44	15.58	15.38		
10	256QAM	1	25	15.48	15.59	15.59	16.9	0
10	256QAM	1	49	15.52	15.67	15.51		
10	256QAM	25	0	15.65	15.60	15.44		
10	256QAM	25	12	15.57	15.43	15.47	16.9	0
10	256QAM	25	25	15.39	15.66	15.39		
10	256QAM	50	0	15.46	15.64	15.47		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	15.45	15.65	15.48		
5	QPSK	1	12	15.68	15.53	15.57	16.9	0
5	QPSK	1	24	15.39	15.59	15.51		
5	QPSK	12	0	15.45	15.44	15.70		
5	QPSK	12	7	15.45	15.73	15.61	16.9	0
5	QPSK	12	13	15.60	15.49	15.63		
5	QPSK	25	0	15.59	15.52	15.49		
5	16QAM	1	0	15.64	15.43	15.55		
5	16QAM	1	12	15.59	15.65	15.73	16.9	0
5	16QAM	1	24	15.63	15.50	15.59		
5	16QAM	12	0	15.44	15.53	15.52		
5	16QAM	12	7	15.35	15.67	15.51	16.9	0
5	16QAM	12	13	15.47	15.71	15.53		
5	16QAM	25	0	15.52	15.49	15.47		
5	64QAM	1	0	15.60	15.59	15.53		
5	64QAM	1	12	15.52	15.62	15.61	16.9	0
5	64QAM	1	24	15.52	15.62	15.58		
5	64QAM	12	0	15.60	15.51	15.46		
5	64QAM	12	7	15.40	15.69	15.60	16.9	0
5	64QAM	12	13	15.62	15.51	15.39		
5	64QAM	25	0	15.46	15.45	15.56		
5	256QAM	1	0	15.48	15.52	15.40		
5	256QAM	1	12	15.49	15.40	15.53	16.9	0
5	256QAM	1	24	15.42	15.56	15.51		
5	256QAM	12	0	15.57	15.69	15.45		
5	256QAM	12	7	15.52	15.53	15.43	16.9	0
5	256QAM	12	13	15.34	15.75	15.36		
5	256QAM	25	0	15.40	15.64	15.45		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	15.62	15.72	15.62		
3	QPSK	1	8	15.51	15.66	15.61	16.9	0
3	QPSK	1	14	15.57	15.60	15.41		
3	QPSK	8	0	15.36	15.47	15.66		
3	QPSK	8	4	15.51	15.60	15.55	16.9	0
3	QPSK	8	7	15.58	15.65	15.43		
3	QPSK	15	0	15.59	15.52	15.54		
3	16QAM	1	0	15.70	15.49	15.60		
3	16QAM	1	8	15.41	15.47	15.60	16.9	0
3	16QAM	1	14	15.53	15.51	15.56		
3	16QAM	8	0	15.56	15.39	15.47		
3	16QAM	8	4	15.41	15.66	15.54	16.9	0
3	16QAM	8	7	15.33	15.58	15.53		
3	16QAM	15	0	15.54	15.41	15.58		
3	64QAM	1	0	15.65	15.62	15.44		
3	64QAM	1	8	15.59	15.49	15.61	16.9	0
3	64QAM	1	14	15.54	15.58	15.62		
3	64QAM	8	0	15.60	15.49	15.44		
3	64QAM	8	4	15.33	15.64	15.65	16.9	0
3	64QAM	8	7	15.58	15.59	15.54		
3	64QAM	15	0	15.52	15.44	15.65		
3	256QAM	1	0	15.44	15.56	15.42		
3	256QAM	1	8	15.59	15.44	15.48	16.9	0
3	256QAM	1	14	15.62	15.54	15.52		
3	256QAM	8	0	15.71	15.64	15.57		
3	256QAM	8	4	15.62	15.47	15.47	16.9	0
3	256QAM	8	7	15.49	15.61	15.37		
3	256QAM	15	0	15.50	15.63	15.53		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	15.49	15.73	15.45		
1.4	QPSK	1	3	15.49	15.57	15.63		
1.4	QPSK	1	5	15.57	15.60	15.53	16.9	0
1.4	QPSK	3	0	15.45	15.45	15.61		
1.4	QPSK	3	1	15.56	15.57	15.41		
1.4	QPSK	3	3	15.52	15.69	15.41		
1.4	QPSK	6	0	15.53	15.56	15.50	16.9	0
1.4	16QAM	1	0	15.58	15.53	15.55		
1.4	16QAM	1	3	15.57	15.49	15.66		
1.4	16QAM	1	5	15.66	15.65	15.54	16.9	0
1.4	16QAM	3	0	15.49	15.35	15.64		
1.4	16QAM	3	1	15.48	15.53	15.69		
1.4	16QAM	3	3	15.31	15.68	15.59		
1.4	16QAM	6	0	15.62	15.38	15.43	16.9	0
1.4	64QAM	1	0	15.66	15.69	15.48		
1.4	64QAM	1	3	15.57	15.55	15.66		
1.4	64QAM	1	5	15.56	15.52	15.57	16.9	0
1.4	64QAM	3	0	15.57	15.42	15.51		
1.4	64QAM	3	1	15.39	15.65	15.64		
1.4	64QAM	3	3	15.61	15.66	15.51		
1.4	64QAM	6	0	15.44	15.36	15.68	16.9	0
1.4	256QAM	1	0	15.49	15.48	15.53		
1.4	256QAM	1	3	15.47	15.57	15.64		
1.4	256QAM	1	5	15.41	15.60	15.46	16.9	0
1.4	256QAM	3	0	15.69	15.64	15.54		
1.4	256QAM	3	1	15.59	15.48	15.32		
1.4	256QAM	3	3	15.56	15.74	15.36		
1.4	256QAM	6	0	15.48	15.50	15.53	16.9	0

Band 7 Ant6 DSI 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	15.11	15.12	15.09		
20	QPSK	1	49	14.92	14.97	14.97	16.2	0
20	QPSK	1	99	14.92	15.02	14.98		
20	QPSK	50	0	14.94	15.06	15.00		
20	QPSK	50	24	14.88	14.92	15.04	16.2	0
20	QPSK	50	50	15.00	14.96	14.89		
20	QPSK	100	0	14.89	14.99	14.97		
20	16QAM	1	0	14.98	15.04	14.91		
20	16QAM	1	49	15.05	15.08	15.01	16.2	0
20	16QAM	1	99	15.04	14.88	15.02		
20	16QAM	50	0	14.89	15.04	14.95		
20	16QAM	50	24	14.98	14.90	14.99	16.2	0
20	16QAM	50	50	15.05	15.11	14.93		
20	16QAM	100	0	14.89	14.99	15.06		
20	64QAM	1	0	14.95	15.10	15.06		
20	64QAM	1	49	15.08	15.02	14.90	16.2	0
20	64QAM	1	99	15.02	15.02	15.09		
20	64QAM	50	0	15.01	14.91	14.90		
20	64QAM	50	24	15.10	15.02	14.96	16.2	0
20	64QAM	50	50	14.89	14.94	15.04		
20	64QAM	100	0	14.88	14.93	14.92		
20	256QAM	1	0	14.97	14.96	14.92		
20	256QAM	1	49	15.10	14.93	15.07	16.2	0
20	256QAM	1	99	14.98	14.99	14.96		
20	256QAM	50	0	15.10	15.05	15.09		
20	256QAM	50	24	14.89	14.91	14.92	16.2	0
20	256QAM	50	50	15.04	15.01	15.11		
20	256QAM	100	0	14.88	14.99	15.04		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	14.93	15.03	14.91		
15	QPSK	1	37	14.93	14.81	14.99	16.2	0
15	QPSK	1	74	14.93	14.97	14.83		
15	QPSK	36	0	14.88	14.91	14.89		
15	QPSK	36	20	14.74	14.70	14.93	16.2	0
15	QPSK	36	39	15.05	14.80	14.67		
15	QPSK	75	0	14.75	14.77	14.83		
15	16QAM	1	0	14.83	14.87	14.87		
15	16QAM	1	37	15.00	14.99	14.81	16.2	0
15	16QAM	1	74	15.01	14.83	14.97		
15	16QAM	36	0	14.75	14.90	14.87		
15	16QAM	36	20	14.98	14.95	14.96	16.2	0
15	16QAM	36	39	14.85	15.08	14.75		
15	16QAM	75	0	14.86	14.89	14.94		
15	64QAM	1	0	14.89	15.00	14.91		
15	64QAM	1	37	14.92	15.03	14.76	16.2	0
15	64QAM	1	74	15.08	14.97	15.07		
15	64QAM	36	0	14.92	14.84	14.90		
15	64QAM	36	20	14.97	14.84	14.75	16.2	0
15	64QAM	36	39	14.83	14.73	14.96		
15	64QAM	75	0	14.66	14.90	14.87		
15	256QAM	1	0	14.91	14.90	14.73		
15	256QAM	1	37	15.07	14.84	14.98	16.2	0
15	256QAM	1	74	14.82	15.01	14.78		
15	256QAM	36	0	14.90	15.01	14.99		
15	256QAM	36	20	14.77	14.86	14.75	16.2	0
15	256QAM	36	39	15.00	14.96	15.05		
15	256QAM	75	0	14.78	14.96	14.94		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	15.09	14.87	14.97		
10	QPSK	1	25	14.89	14.77	14.90	16.2	0
10	QPSK	1	49	14.94	14.99	14.88		
10	QPSK	25	0	14.95	14.75	15.01		
10	QPSK	25	12	14.76	14.73	14.97	16.2	0
10	QPSK	25	25	15.01	14.95	14.89		
10	QPSK	50	0	14.89	14.89	14.87		
10	16QAM	1	0	14.97	14.93	14.83		
10	16QAM	1	25	14.98	14.94	14.99	16.2	0
10	16QAM	1	49	14.91	14.87	14.87		
10	16QAM	25	0	14.80	15.01	14.75		
10	16QAM	25	12	14.91	14.78	14.88	16.2	0
10	16QAM	25	25	14.93	14.94	14.71		
10	16QAM	50	0	14.87	14.83	15.01		
10	64QAM	1	0	14.84	14.92	15.02		
10	64QAM	1	25	14.91	14.88	14.74	16.2	0
10	64QAM	1	49	15.00	14.81	15.01		
10	64QAM	25	0	14.92	14.90	14.69		
10	64QAM	25	12	14.90	15.03	14.89	16.2	0
10	64QAM	25	25	14.82	14.77	14.99		
10	64QAM	50	0	14.69	14.89	14.74		
10	256QAM	1	0	14.85	14.98	14.86		
10	256QAM	1	25	15.09	14.73	15.07	16.2	0
10	256QAM	1	49	14.80	14.90	14.76		
10	256QAM	25	0	14.94	14.83	14.89		
10	256QAM	25	12	14.89	14.96	14.84	16.2	0
10	256QAM	25	25	14.99	15.00	14.89		
10	256QAM	50	0	14.87	14.87	14.84		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	14.98	15.11	14.91		
5	QPSK	1	12	14.73	14.83	14.87	16.2	0
5	QPSK	1	24	14.82	14.82	14.80		
5	QPSK	12	0	14.74	14.73	15.00		
5	QPSK	12	7	14.78	14.80	14.92	16.2	0
5	QPSK	12	13	15.07	14.80	14.71		
5	QPSK	25	0	14.81	14.95	14.85		
5	16QAM	1	0	14.90	14.95	14.86		
5	16QAM	1	12	15.08	15.08	15.01	16.2	0
5	16QAM	1	24	15.03	14.90	14.82		
5	16QAM	12	0	14.75	15.02	14.94		
5	16QAM	12	7	14.76	15.00	14.99	16.2	0
5	16QAM	12	13	15.05	15.04	14.84		
5	16QAM	25	0	14.71	14.77	15.03		
5	64QAM	1	0	14.86	15.00	14.93		
5	64QAM	1	12	14.97	14.89	14.78	16.2	0
5	64QAM	1	24	15.04	14.98	14.98		
5	64QAM	12	0	14.84	14.92	14.73		
5	64QAM	12	7	15.04	14.99	14.82	16.2	0
5	64QAM	12	13	14.85	14.74	15.06		
5	64QAM	25	0	14.82	14.92	14.84		
5	256QAM	1	0	14.94	14.79	14.79		
5	256QAM	1	12	14.90	14.74	14.89	16.2	0
5	256QAM	1	24	14.76	14.92	14.79		
5	256QAM	12	0	15.00	14.94	15.01		
5	256QAM	12	7	14.80	14.72	14.83	16.2	0
5	256QAM	12	13	14.97	14.95	14.96		
5	256QAM	25	0	14.78	14.79	14.95		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	15.43	15.49	15.42		
20	QPSK	1	49	15.28	15.34	15.36	16.7	0
20	QPSK	1	99	15.37	15.34	15.29		
20	QPSK	50	0	15.43	15.46	15.37		
20	QPSK	50	24	15.34	15.38	15.30	16.7	0
20	QPSK	50	50	15.42	15.40	15.29		
20	QPSK	100	0	15.39	15.44	15.36		
20	16QAM	1	0	15.47	15.29	15.44		
20	16QAM	1	49	15.44	15.30	15.30	16.7	0
20	16QAM	1	99	15.39	15.42	15.47		
20	16QAM	50	0	15.27	15.34	15.40		
20	16QAM	50	24	15.30	15.38	15.37	16.7	0
20	16QAM	50	50	15.28	15.32	15.47		
20	16QAM	100	0	15.36	15.47	15.34		
20	64QAM	1	0	15.33	15.32	15.27		
20	64QAM	1	49	15.31	15.33	15.34	16.7	0
20	64QAM	1	99	15.26	15.28	15.27		
20	64QAM	50	0	15.41	15.33	15.29		
20	64QAM	50	24	15.31	15.40	15.39	16.7	0
20	64QAM	50	50	15.45	15.28	15.26		
20	64QAM	100	0	15.26	15.33	15.48		
20	256QAM	1	0	15.36	15.43	15.32		
20	256QAM	1	49	15.37	15.27	15.38	16.7	0
20	256QAM	1	99	15.39	15.28	15.27		
20	256QAM	50	0	15.48	15.40	15.42		
20	256QAM	50	24	15.31	15.34	15.20	16.7	0
20	256QAM	50	50	15.30	15.39	15.47		
20	256QAM	100	0	15.36	15.43	15.47		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	15.35	15.43	15.27		
15	QPSK	1	37	15.19	15.23	15.33	16.7	0
15	QPSK	1	74	15.26	15.32	15.16		
15	QPSK	36	0	15.43	15.29	15.29		
15	QPSK	36	20	15.33	15.40	15.29	16.7	0
15	QPSK	36	39	15.43	15.21	15.15		
15	QPSK	75	0	15.26	15.43	15.33		
15	16QAM	1	0	15.45	15.30	15.35		
15	16QAM	1	37	15.39	15.27	15.27	16.7	0
15	16QAM	1	74	15.23	15.29	15.34		
15	16QAM	36	0	15.28	15.12	15.38		
15	16QAM	36	20	15.18	15.37	15.26	16.7	0
15	16QAM	36	39	15.28	15.23	15.35		
15	16QAM	75	0	15.33	15.27	15.14		
15	64QAM	1	0	15.14	15.20	15.26		
15	64QAM	1	37	15.35	15.27	15.33	16.7	0
15	64QAM	1	74	15.42	15.24	15.22		
15	64QAM	36	0	15.26	15.17	15.10		
15	64QAM	36	20	15.24	15.41	15.38	16.7	0
15	64QAM	36	39	15.44	15.11	15.19		
15	64QAM	75	0	15.22	15.27	15.30		
15	256QAM	1	0	15.17	15.23	15.11		
15	256QAM	1	37	15.29	15.39	15.36	16.7	0
15	256QAM	1	74	15.21	15.21	15.25		
15	256QAM	36	0	15.20	15.32	15.16		
15	256QAM	36	20	15.15	15.15	15.48	16.7	0
15	256QAM	36	39	15.11	15.25	15.23		
15	256QAM	75	0	15.23	15.28	15.27		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	15.33	15.34	15.28		
10	QPSK	1	25	15.08	15.13	15.20	16.7	0
10	QPSK	1	49	15.29	15.22	15.28		
10	QPSK	25	0	15.32	15.21	15.31		
10	QPSK	25	12	15.26	15.27	15.30	16.7	0
10	QPSK	25	25	15.36	15.31	15.08		
10	QPSK	50	0	15.41	15.40	15.21		
10	16QAM	1	0	15.38	15.26	15.25		
10	16QAM	1	25	15.32	15.29	15.24	16.7	0
10	16QAM	1	49	15.31	15.26	15.25		
10	16QAM	25	0	15.23	15.29

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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	17.24	17.32	17.09	18.2	0
20	QPSK	1	49	17.13	17.19	17.28		
20	QPSK	1	99	17.12	17.14	17.24		
20	QPSK	50	0	17.16	17.26	17.09	18.2	0
20	QPSK	50	24	17.12	17.19	17.21		
20	QPSK	50	50	17.23	17.03	17.13		
20	QPSK	100	0	17.16	17.25	17.14		
20	16QAM	1	0	17.17	17.10	17.31	18.2	0
20	16QAM	1	49	17.20	17.08	17.29		
20	16QAM	1	99	17.11	17.25	17.13		
20	16QAM	50	0	17.26	17.16	17.20	18.2	0
20	16QAM	50	24	17.23	17.16	17.16		
20	16QAM	50	50	17.31	17.26	17.23		
20	16QAM	100	0	17.22	17.18	17.14		
20	64QAM	1	0	17.22	17.25	17.17	18.2	0
20	64QAM	1	49	17.25	17.23	17.09		
20	64QAM	1	99	17.30	17.29	17.15		
20	64QAM	50	0	17.18	17.21	17.24	18.2	0
20	64QAM	50	24	17.18	17.23	17.20		
20	64QAM	50	50	17.31	17.19	17.10		
20	64QAM	100	0	17.28	17.23	17.16		
20	256QAM	1	0	17.29	17.25	17.31	18.2	0
20	256QAM	1	49	17.13	17.09	17.12		
20	256QAM	1	99	17.30	17.20	17.24		
20	256QAM	50	0	17.10	17.23	17.13	18.2	0
20	256QAM	50	24	17.20	17.15	17.22		
20	256QAM	50	50	17.18	17.29	17.08		
20	256QAM	100	0	17.30	17.29	17.15		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	17.15	17.15	17.05	18.2	0
15	QPSK	1	37	17.04	17.16	17.20		
15	QPSK	1	74	16.90	17.07	17.02		
15	QPSK	36	0	17.08	16.95	16.89	18.2	0
15	QPSK	36	20	16.92	17.26	17.04		
15	QPSK	36	39	17.23	17.22	17.14		
15	QPSK	75	0	17.15	17.06	17.27		
15	16QAM	1	0	17.14	17.01	17.22	18.2	0
15	16QAM	1	37	17.11	17.04	17.29		
15	16QAM	1	74	16.94	17.14	17.00		
15	16QAM	36	0	17.16	17.01	17.20	18.2	0
15	16QAM	36	20	17.05	17.07	17.18		
15	16QAM	36	39	17.25	17.26	17.08		
15	16QAM	75	0	17.21	17.10	17.16		
15	64QAM	1	0	17.23	17.18	17.14	18.2	0
15	64QAM	1	37	17.20	17.23	17.01		
15	64QAM	1	74	17.13	17.20	16.99		
15	64QAM	36	0	17.17	17.22	17.04	18.2	0
15	64QAM	36	20	16.96	17.03	17.08		
15	64QAM	36	39	17.15	17.03	16.93		
15	64QAM	75	0	17.07	17.10	17.12		
15	256QAM	1	0	17.12	17.11	17.31	18.2	0
15	256QAM	1	37	17.08	17.10	17.08		
15	256QAM	1	74	17.14	17.05	17.17		
15	256QAM	36	0	17.10	17.21	17.14	18.2	0
15	256QAM	36	20	17.16	17.03	17.02		
15	256QAM	36	39	16.99	17.23	17.04		
15	256QAM	75	0	17.25	17.11	16.99		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	17.04	17.07	16.90	18.2	0
10	QPSK	1	25	17.06	16.98	17.09		
10	QPSK	1	49	17.01	16.98	17.03		
10	QPSK	25	0	17.22	16.99	17.08	18.2	0
10	QPSK	25	12	17.03	17.29	17.01		
10	QPSK	25	25	17.13	17.11	17.15		
10	QPSK	50	0	17.10	17.09	17.20		
10	16QAM	1	0	17.05	17.04	17.19	18.2	0
10	16QAM	1	25	17.15	17.07	17.27		
10	16QAM	1	49	17.09	17.17	17.08		
10	16QAM	25	0	17.13	17.00	17.01	18.2	0
10	16QAM	25	12	17.02	17.09	17.12		
10	16QAM	25	25	17.14	17.13	17.24		
10	16QAM	50	0	17.16	17.11	16.97		
10	64QAM	1	0	17.23	17.14	17.10	18.2	0
10	64QAM	1	25	17.04	17.05	17.10		
10	64QAM	1	49	17.13	17.12	17.00		
10	64QAM	25	0	17.10	17.18	17.08	18.2	0
10	64QAM	25	12	17.07	17.18	17.21		
10	64QAM	25	25	17.18	17.00	16.93		
10	64QAM	50	0	17.16	17.12	17.16		
10	256QAM	1	0	17.17	17.20	17.10	18.2	0
10	256QAM	1	25	16.95	16.89	17.00		
10	256QAM	1	49	17.17	17.17	17.11		
10	256QAM	25	0	17.01	17.15	16.99	18.2	0
10	256QAM	25	12	17.09	17.14	17.18		
10	256QAM	25	25	16.97	17.28	17.02		
10	256QAM	50	0	17.23	17.27	17.06		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	17.13	17.26	17.03	18.2	0
5	QPSK	1	12	17.12	17.10	17.13		
5	QPSK	1	24	17.02	16.92	17.08		
5	QPSK	12	0	17.12	16.94	17.05	18.2	0
5	QPSK	12	7	17.00	17.18	17.13		
5	QPSK	12	13	17.17	17.20	16.94		
5	QPSK	25	0	17.01	17.27	17.18		
5	16QAM	1	0	17.10	16.98	17.27	18.2	0
5	16QAM	1	12	17.01	16.88	17.26		
5	16QAM	1	24	17.10	17.04	17.01		
5	16QAM	12	0	17.21	16.94	17.12	18.2	0
5	16QAM	12	7	17.22	16.95	17.16		
5	16QAM	12	13	17.21	17.14	17.22		
5	16QAM	25	0	17.08	16.97	17.12		
5	64QAM	1	0	17.20	17.07	16.98	18.2	0
5	64QAM	1	12	17.23	17.08	16.95		
5	64QAM	1	24	17.19	17.09	17.15		
5	64QAM	12	0	17.02	17.09	17.11	18.2	0
5	64QAM	12	7	17.00	17.04	17.07		
5	64QAM	12	13	17.16	17.03	17.12		
5	64QAM	25	0	17.20	17.21	17.10		
5	256QAM	1	0	17.08	17.11	17.20	18.2	0
5	256QAM	1	12	17.11	17.03	17.09		
5	256QAM	1	24	17.26	17.19	17.13		
5	256QAM	12	0	17.07	17.05	17.14	18.2	0
5	256QAM	12	7	17.16	17.08	17.24		
5	256QAM	12	13	17.13	17.11	16.93		
5	256QAM	25	0	17.25	17.20	16.96		

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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	17.37	17.29	17.38	17.20	17.27	18.2	0
20	QPSK	1	49	17.20	17.25	17.35	17.20	17.31		
20	QPSK	1	99	17.34	17.32	17.18	17.16	17.33		
20	QPSK	50	0	17.12	17.25	17.33	17.20	17.12	18.2	0
20	QPSK	50	24	17.16	17.10	17.26	17.20	17.27		
20	QPSK	50	50	17.20	17.14	17.23	17.16	17.23		
20	QPSK	100	0	17.15	17.12	17.24	17.17	17.19		
20	16QAM	1	0	17.32	17.15	17.15	17.34	17.34	18.2	0
20	16QAM	1	49	17.35	17.22	17.16	17.15	17.36		
20	16QAM	1	99	17.22	17.37	17.32	17.30	17.31		
20	16QAM	50	0	17.34	17.35	17.36	17.29	17.24	18.2	0
20	16QAM	50	24	17.37	17.31	17.25	17.27	17.34		
20	16QAM	50	50	17.33	17.17	17.32	17.15	17.36		
20	16QAM	100	0	17.21	17.23	17.25	17.25	17.25		
20	64QAM	1	0	17.31	17.37	17.32	17.15	17.29	18.2	0
20	64QAM	1	49	17.24	17.19	17.29	17.20	17.23		
20	64QAM	1	99	17.16	17.29	17.34	17.25	17.24		
20	64QAM	50	0	17.20	17.31	17.33	17.33	17.17	18.2	0
20	64QAM	50	24	17.30	17.26	17.25	17.28	17.23		
20	64QAM	50	50	17.35	17.31	17.31	17.34	17.22		
20	64QAM	100	0	17.17	17.35	17.31	17.29	17.25		
20	256QAM	1	0	17.21	17.30	17.32	17.22	17.16	18.2	0
20	256QAM	1	49	17.18	17.30	17.22	17.16	17.26		
20	256QAM	1	99	17.17	17.15	17.16	17.18	17.15		
20	256QAM	50	0	17.27	17.31	17.32	17.30	17.30	18.2	0
20	256QAM	50	24	17.25	17.35	17.24	17.36	17.30		
20	256QAM	50	50	17.29	17.34	17.31	17.25	17.37		
20	256QAM	100	0	17.27	17.35	17.31	17.17	17.24		
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	17.19	17.15	17.27	17.09	17.15	18.20	0
15	QPSK	1	37	17.13	17.08	17.26	17.04	17.18		
15	QPSK	1	74	17.20	17.21	17.10	17.14	17.32		
15	QPSK	36	0	17.22	17.13	17.25	17.32	16.97	18.2	0
15	QPSK	36	20	17.08	17.25	17.32	17.11	17.06		
15	QPSK	36	39	16.99	17.11	17.11	17.03	17.16		
15	QPSK	75	0	17.12	17.32	17.05	17.10	17.13		
15	16QAM	1	0	17.34	16.99	17.16	17.21	17.13	18.2	0
15	16QAM	1	37	17.37	17.04	16.95	16.95	17.37		
15	16QAM	1	74	17.19	17.18	17.30	17.25	17.18		
15	16QAM	36	0	17.21	17.30	17.36	17.21	17.03	18.2	0
15	16QAM	36	20	17.32	17.31	17.10	17.21	17.25		
15	16QAM	36	39	17.24	17.16	17.33	17.07	17.30		
15	16QAM	75	0	17.14	17.17	17.09	17.06	17.24		
15	64QAM	1	0	17.28	17.30	17.29	16.94	17.22	18.2	0
15	64QAM	1	37	17.24	17.08	17.15	17.15	17.07		
15	64QAM	1	74	17.12	17.12	17.16	17.16	17.26		
15	64QAM	36	0	17.02	17.20	17.13	17.14	17.00	18.2	0
15	64QAM	36	20	17.24	17.08	17.03	17.18	17.06		
15	64QAM	36	39	17.22	17.10	17.10	17.29	17.22		
15	64QAM	75	0	17.09	17.27	17.21	17.22	17.05		
15	256QAM	1	0	17.14	17.31	17.30	17.08	17.07	18.2	0
15	256QAM	1	37	17.05	17.19	17.17	17.18	17.22		
15	256QAM	1	74	17.00	17.16	17.16	16.97	17.10		
15	256QAM	36	0	17.25	17.29	17.25	17.12	17.25	18.2	0
15	256QAM	36	20	17.09	17.18	17.05	17.22	17.15		
15	256QAM	36	39	17.29	17.24	17.12	17.15	17.35		
15	256QAM	75	0	17.13	17.16	17.19	17.03	17.17		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	17.17	17.20	17.36	17.01	17.24	18.20	0
10	QPSK	1	25	17.09	17.11	17.32	17.21	17.24		
10	QPSK	1	49	17.27	17.32	16.99	17.16	17.24		
10	QPSK	25	0	17.20	17.11	17.09	17.27	17.12	18.2	0
10	QPSK	25	12	17.00	17.21	17.24	17.19	17.05		
10	QPSK	25	25	17.11	17.02	17.21	17.17	17.20		
10	QPSK	50	0	17.33	17.13	17.03	17.08	17.25		
10	16QAM	1	0	17.34	17.09	17.10	17.12	17.22	18.2	0
10	16QAM	1	25	17.30	17.10	16.97	16.96	17.37		
10	16QAM	1	49	17.07	17.34	17.12	17.23	17.16		
10	16QAM	25	0	17.26	17.35	17.36	17.31	17.20	18.2	0
10	16QAM	25	12	17.28	17.12	17.14	17.17	17.32		
10	16QAM	25	25	17.28	17.14	17.19	17.00	17.20		
10	16QAM	50	0	17.07	17.11	17.16	17.25	17.18		
10	64QAM	1	0	17.33	17.36	17.29	16.99	17.21	18.2	0
10	64QAM	1	25	17.04	17.09	17.30	17.11	17.20		
10	64QAM	1	49	17.05	17.15	17.30	17.26	17.07		
10	64QAM	25	0	17.21	17.31	17.19	17.17	17.10	18.2	0
10	64QAM	25	12	17.28	17.22	17.24	17.25	17.22		
10	64QAM	25	25	17.31	17.14	17.24	17.13	17.22		
10	64QAM	50	0	17.16	17.16	17.26	17.24	17.10		
10	256QAM	1	0	17.09	17.13	17.12	17.12	17.12	18.2	0
10	256QAM	1	25	17.11	17.27	17.09	17.23	17.23		
10	256QAM	1	49	17.05	17.08	17.00	16.98	17.02		
10	256QAM	25	0	17.19	17.30	17.30	17.15	17.13	18.2	0
10	256QAM	25	12	17.16	17.25	17.24	17.28	17.17		
10	256QAM	25	25	17.17	17.32	17.19	17.14	17.34		
10	256QAM	50	0	17.26	17.26	17.30	17.02	17.16		
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	17.15	17.27	17.29	17.03	17.21	18.20	0
5	QPSK	1	12	17.11	17.19	17.33	17.02	17.29		
5	QPSK	1	24	17.28	17.22	17.09	16.94	17.32		
5	QPSK	12	0	17.27	17.15	17.17	17.15	17.16	18.2	0
5	QPSK	12	7	17.13	17.15	17.17	17.23	17.09		
5	QPSK	12	13	17.00	17.14	17.13	17.01	17.23		
5	QPSK	25	0	17.14	17.27	17.07	17.14	17.13		
5	16QAM	1	0	17.15	17.09	17.01	17.27	17.31	18.2	0
5	16QAM	1	12	17.34	17.19	16.95	16.95	17.17		
5	16QAM	1	24	17.03	17.35	17.26	17.12	17.17		
5	16QAM	12	0	17.13	17.15	17.23	17.28	17.22	18.2	0
5	16QAM	12	7	17.23	17.27	17.03	17.05	17.19		
5	16QAM	12	13	17.27	17.07	17.27	16.95	17.32		
5	16QAM	25	0	17.01	17.02	17.25	17.23	17.15		
5	64QAM	1	0	17.10	17.18	17.15	17.07	17.17	18.2	0
5	64QAM	1	12	17.05	17.20	17.30	17.19	17.12		
5	64QAM	1	24	17.17	17.31	17.26	17.15	17.07		
5	64QAM	12	0	17.02	17.16	17.25	17.19	17.01	18.2	0
5	64QAM	12	7	17.31	17.21	17.12	17.09	17.16		
5	64QAM	12	13	17.16	17.23	17.33	17.15	17.10		
5	64QAM	25	0	17.07	17.34	17.32	17.26	17.13		
5	256QAM	1	0	17.05	17.26	17.27	17.17	17.02	18.2	0
5	256QAM	1	12	17.17	17.20	17.04	17.28	17.14		
5	256QAM	1	24	17.17	17.14	16.97	16.97	17.05		
5	256QAM	12	0	17.33	17.28	17.14	17.24	17.16	18.2	0
5	256QAM	12	7	17.17	17.13	17.19	17.29	17.30		
5	256QAM	12	13	17.15	17.30	17.31	17.13	17.28		
5	256QAM	25	0	17.06	17.19	17.25	17.10	17.25		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	18.59	18.72	18.71	19.2	0
20	QPSK	1	49	18.51	18.68	18.65		
20	QPSK	1	99	18.52	18.54	18.57		
20	QPSK	50	0	18.61	18.69	18.59	19.2	0
20	QPSK	50	24	18.56	18.52	18.53		
20	QPSK	50	50	18.57	18.59	18.49		
20	QPSK	100	0	18.60	18.67	18.63		
20	16QAM	1	0	18.69	18.69	18.70	19.2	0
20	16QAM	1	49	18.57	18.70	18.68		
20	16QAM	1	99	18.67	18.56	18.55		
20	16QAM	50	0	18.55	18.54	18.54	19.2	0
20	16QAM	50	24	18.53	18.60	18.70		
20	16QAM	50	50	18.65	18.68	18.61		
20	16QAM	100	0	18.58	18.51	18.69		
20	64QAM	1	0	18.70	18.52	18.68	19.2	0
20	64QAM	1	49	18.65	18.70	18.53		
20	64QAM	1	99	18.67	18.60	18.55		
20	64QAM	50	0	18.69	18.54	18.63	19.2	0
20	64QAM	50	24	18.54	18.56	18.66		
20	64QAM	50	50	18.66	18.50	18.54		
20	64QAM	100	0	18.60	18.59	18.60		
20	256QAM	1	0	18.59	18.42	18.63	19.2	0
20	256QAM	1	49	18.60	18.58	18.47		
20	256QAM	1	99	18.62	18.44	18.41		
20	256QAM	50	0	18.54	18.44	18.49	19.2	0
20	256QAM	50	24	18.40	18.52	18.63		
20	256QAM	50	50	18.51	18.33	18.47		
20	256QAM	100	0	18.46	18.48	18.43		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	18.53	18.65	18.61	19.2	0
15	QPSK	1	37	18.34	18.58	18.57		
15	QPSK	1	74	18.41	18.39	18.40		
15	QPSK	36	0	18.58	18.62	18.44	19.2	0
15	QPSK	36	20	18.52	18.38	18.43		
15	QPSK	36	39	18.45	18.56	18.34		
15	QPSK	75	0	18.44	18.56	18.56		
15	16QAM	1	0	18.54	18.63	18.68	19.2	0
15	16QAM	1	37	18.54	18.67	18.53		
15	16QAM	1	74	18.52	18.49	18.44		
15	16QAM	36	0	18.44	18.48	18.36	19.2	0
15	16QAM	36	20	18.46	18.50	18.53		
15	16QAM	36	39	18.57	18.62	18.49		
15	16QAM	75	0	18.52	18.40	18.59		
15	64QAM	1	0	18.57	18.47	18.65	19.2	0
15	64QAM	1	37	18.59	18.55	18.45		
15	64QAM	1	74	18.63	18.43	18.47		
15	64QAM	36	0	18.63	18.36	18.55	19.2	0
15	64QAM	36	20	18.45	18.53	18.50		
15	64QAM	36	39	18.51	18.38	18.41		
15	64QAM	75	0	18.48	18.51	18.46		
15	256QAM	1	0	18.48	18.27	18.46	19.2	0
15	256QAM	1	37	18.54	18.47	18.40		
15	256QAM	1	74	18.57	18.35	18.31		
15	256QAM	36	0	18.45	18.33	18.43	19.2	0
15	256QAM	36	20	18.23	18.42	18.57		
15	256QAM	36	39	18.42	18.24	18.31		
15	256QAM	75	0	18.42	18.36	18.30		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	18.47	18.66	18.56	19.2	0
10	QPSK	1	25	18.35	18.55	18.55		
10	QPSK	1	49	18.47	18.50	18.43		
10	QPSK	25	0	18.49	18.63	18.57	19.2	0
10	QPSK	25	12	18.47	18.40	18.45		
10	QPSK	25	25	18.44	18.46	18.45		
10	QPSK	50	0	18.54	18.52	18.53		
10	16QAM	1	0	18.58	18.64	18.65	19.2	0
10	16QAM	1	25	18.40	18.64	18.50		
10	16QAM	1	49	18.50	18.41	18.53		
10	16QAM	25	0	18.50	18.45	18.41	19.2	0
10	16QAM	25	12	18.38	18.47	18.59		
10	16QAM	25	25	18.59	18.60	18.50		
10	16QAM	50	0	18.50	18.49	18.59		
10	64QAM	1	0	18.67	18.38	18.64	19.2	0
10	64QAM	1	25	18.59	18.52	18.35		
10	64QAM	1	49	18.51	18.46	18.48		
10	64QAM	25	0	18.59	18.39	18.56	19.2	0
10	64QAM	25	12	18.41	18.48	18.54		
10	64QAM	25	25	18.61	18.42	18.44		
10	64QAM	50	0	18.57	18.55	18.55		
10	256QAM	1	0	18.56	18.24	18.58	19.2	0
10	256QAM	1	25	18.52	18.52	18.31		
10	256QAM	1	49	18.46	18.41	18.32		
10	256QAM	25	0	18.44	18.40	18.45	19.2	0
10	256QAM	25	12	18.31	18.41	18.46		
10	256QAM	25	25	18.48	18.22	18.30		
10	256QAM	50	0	18.43	18.37	18.35		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	18.51	18.64	18.64	19.2	0
5	QPSK	1	12	18.46	18.59	18.62		
5	QPSK	1	24	18.45	18.40	18.52		
5	QPSK	12	0	18.57	18.66	18.47	19.2	0
5	QPSK	12	7	18.51	18.39	18.49		
5	QPSK	12	13	18.44	18.54	18.34		
5	QPSK	25	0	18.50	18.54	18.56		
5	16QAM	1	0	18.58	18.59	18.64	19.2	0
5	16QAM	1	12	18.40	18.56	18.52		
5	16QAM	1	24	18.62	18.47	18.53		
5	16QAM	12	0	18.41	18.46	18.42	19.2	0
5	16QAM	12	7	18.43	18.57	18.58		
5	16QAM	12	13	18.53	18.58	18.46		
5	16QAM	25	0	18.49	18.41	18.60		
5	64QAM	1	0	18.55	18.36	18.50	19.2	0
5	64QAM	1	12	18.53	18.53	18.39		
5	64QAM	1	24	18.49	18.51	18.48		
5	64QAM	12	0	18.55	18.46	18.54	19.2	0
5	64QAM	12	7	18.38	18.49	18.62		
5	64QAM	12	13	18.52	18.38	18.41		
5	64QAM	25	0	18.56	18.50	18.48		
5	256QAM	1	0	18.42	18.36	18.60	19.2	0
5	256QAM	1	12	18.55	18.48	18.42		
5	256QAM	1	24	18.57	18.34	18.24		
5	256QAM	12	0	18.50	18.34	18.44	19.2	0
5	256QAM	12	7	18.27	18.48	18.60		
5	256QAM	12	13	18.36	18.20	18.42		
5	256QAM	25	0	18.38	18.30	18.33		

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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	18.44	18.50	18.27	18.32	19.1	0
20	QPSK	1	49	18.32	18.41	18.39	18.38		
20	QPSK	1	99	18.23	18.28	18.35	18.39		
20	QPSK	50	0	18.31	18.49	18.34	18.26	19.1	0
20	QPSK	50	24	18.35	18.26	18.27	18.27		
20	QPSK	50	50	18.39	18.32	18.25	18.40		
20	QPSK	100	0	18.23	18.34	18.22	18.26		
20	16QAM	1	0	18.28	18.34	18.41	18.34	19.1	0
20	16QAM	1	49	18.26	18.32	18.37	18.30		
20	16QAM	1	99	18.23	18.39	18.39	18.46		
20	16QAM	50	0	18.35	18.37	18.41	18.47	19.1	0
20	16QAM	50	24	18.32	18.43	18.39	18.32		
20	16QAM	50	50	18.25	18.47	18.36	18.37		
20	16QAM	100	0	18.22	18.43	18.33	18.27		
20	64QAM	1	0	18.36	18.49	18.39	18.38	19.1	0
20	64QAM	1	49	18.37	18.42	18.26	18.40		
20	64QAM	1	99	18.43	18.42	18.43	18.28		
20	64QAM	50	0	18.23	18.31	18.34	18.42	19.1	0
20	64QAM	50	24	18.30	18.33	18.39	18.40		
20	64QAM	50	50	18.31	18.30	18.45	18.43		
20	64QAM	100	0	18.36	18.44	18.23	18.35		
20	256QAM	1	0	18.42	18.45	18.33	18.31	19.1	0
20	256QAM	1	49	18.18	18.32	18.25	18.27		
20	256QAM	1	99	18.18	18.31	18.33	18.28		
20	256QAM	50	0	18.33	18.48	18.43	18.38	19.1	0
20	256QAM	50	24	18.36	18.41	18.34	18.26		
20	256QAM	50	50	18.21	18.36	18.28	18.32		
20	256QAM	100	0	18.34	18.46	18.38	18.40		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	18.23	18.29	18.40	18.38	19.1	0
15	QPSK	1	37	18.10	18.19	18.30	18.26		
15	QPSK	1	74	18.02	18.21	18.17	18.23		
15	QPSK	36	0	18.22	18.10	18.32	18.25	19.1	0
15	QPSK	36	20	18.26	18.35	18.32	18.24		
15	QPSK	36	39	18.20	18.18	18.18	18.33		
15	QPSK	75	0	18.25	18.30	18.17	18.19		
15	16QAM	1	0	18.27	18.29	18.24	18.28	19.1	0
15	16QAM	1	37	18.24	18.30	18.11	18.33		
15	16QAM	1	74	18.04	18.35	18.10	18.39		
15	16QAM	36	0	18.35	18.28	18.35	18.35	19.1	0
15	16QAM	36	20	18.32	18.36	18.32	18.28		
15	16QAM	36	39	18.14	18.46	18.15	18.31		
15	16QAM	75	0	18.03	18.37	18.03	18.25		
15	64QAM	1	0	18.24	18.41	18.29	18.42	19.1	0
15	64QAM	1	37	18.17	18.36	18.33	18.26		
15	64QAM	1	74	18.24	18.22	18.39	18.35		
15	64QAM	36	0	18.17	18.21	18.09	18.20	19.1	0
15	64QAM	36	20	18.17	18.14	18.21	18.34		
15	64QAM	36	39	18.30	18.27	18.22	18.30		
15	64QAM	75	0	18.17	18.40	18.36	18.29		
15	256QAM	1	0	18.34	18.42	18.42	18.46	19.1	0
15	256QAM	1	37	18.04	18.27	18.15	18.10		
15	256QAM	1	74	17.99	18.17	18.16	18.12		
15	256QAM	36	0	18.31	18.33	18.29	18.27	19.1	0
15	256QAM	36	20	18.27	18.29	18.23	18.42		
15	256QAM	36	39	18.13	18.26	18.10	18.15		
15	256QAM	75	0	18.19	18.39	18.26	18.40		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	18.41	18.48	18.42	18.28	19.1	0
10	QPSK	1	25	18.26	18.32	18.17	18.26		
10	QPSK	1	49	18.09	18.14	18.17	18.30		
10	QPSK	25	0	18.12	18.26	18.28	18.10	19.1	0
10	QPSK	25	12	18.31	18.41	18.14	18.40		
10	QPSK	25	25	18.28	18.29	18.40	18.29		
10	QPSK	50	0	18.13	18.36	18.18	18.22		
10	16QAM	1	0	18.16	18.12	18.12	18.21	19.1	0
10	16QAM	1	25	18.13	18.18	18.11	18.16		
10	16QAM	1	49	18.21	18.27	18.13	18.24		
10	16QAM	25	0	18.27	18.33	18.27	18.16	19.1	0
10	16QAM	25	12	18.29	18.42	18.33	18.36		
10	16QAM	25	25	18.14	18.28	18.18	18.43		
10	16QAM	50	0	18.03	18.41	18.10	18.38		
10	64QAM	1	0	18.31	18.32	18.21	18.43	19.1	0
10	64QAM	1	25	18.18	18.23	18.30	18.24		
10	64QAM	1	49	18.26	18.20	18.44	18.41		
10	64QAM	25	0	18.25	18.10	18.11	18.20	19.1	0
10	64QAM	25	12	18.15	18.25	18.11	18.26		
10	64QAM	25	25	18.13	18.09	18.11	18.29		
10	64QAM	50	0	18.21	18.44	18.31	18.22		
10	256QAM	1	0	18.35	18.47	18.31	18.41	19.1	0
10	256QAM	1	25	18.19	18.30	18.07	18.34		
10	256QAM	1	49	17.97	18.15	18.20	18.23		
10	256QAM	25	0	18.16	18.39	18.30	18.41	19.1	0
10	256QAM	25	12	18.37	18.37	18.33	18.26		
10	256QAM	25	25	18.17	18.35	18.22	18.18		
10	256QAM	50	0	18.27	18.39	18.16	18.40		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	18.36	18.35	18.40	18.35	19.1	0
5	QPSK	1	12	18.15	18.36	18.14	18.33		
5	QPSK	1	24	18.03	18.13	18.03	18.13		
5	QPSK	12	0	18.23	18.06	18.10	18.10	19.1	0
5	QPSK	12	7	18.37	18.24	18.24	18.29		
5	QPSK	12	13	18.35	18.29	18.17	18.11		
5	QPSK	25	0	18.02	18.21	18.14	18.34		
5	16QAM	1	0	18.24	18.29	18.23	18.17	19.1	0
5	16QAM	1	12	18.28	18.14	18.16	18.32		
5	16QAM	1	24	18.05	18.31	18.22	18.30		
5	16QAM	12	0	18.36	18.34	18.21	18.33	19.1	0
5	16QAM	12	7	18.21	18.28	18.15	18.24		
5	16QAM	12	13	18.17	18.30	18.26	18.46		
5	16QAM	25	0	18.15	18.35	18.22	18.22		
5	64QAM	1	0	18.18	18.44	18.18	18.44	19.1	0
5	64QAM	1	12	18.20	18.40	18.37	18.31		
5	64QAM	1	24	18.33	18.42	18.26	18.37		
5	64QAM	12	0	18.01	18.25	18.03	18.29	19.1	0
5	64QAM	12	7	18.17	18.21	18.09	18.12		
5	64QAM	12	13	18.13	18.19	18.14	18.19		
5	64QAM	25	0	18.22	18.33	18.28	18.42		
5	256QAM	1	0	18.31	18.47	18.36	18.46	19.1	0
5	256QAM	1	12	18.18	18.17	18.17	18.12		
5	256QAM	1	24	17.98	18.15	18.17	18.11		
5	256QAM	12	0	18.18	18.46	18.15	18.27	19.1	0
5	256QAM	12	7	18.17	18.38	18.30	18.20		
5	256QAM	12	13	18.03	18.34	18.16	18.16		
5	256QAM	25	0	18.17	18.45	18.29	18.40		

Band 42 Ant12 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	24.87	24.97	24.92	25.7	0
20	QPSK	1	49	24.79	24.88	24.80		
20	QPSK	1	99	24.69	24.82	24.70		
20	QPSK	50	0	24.78	24.87	24.73	25.7	0
20	QPSK	50	24	24.70	24.81	24.71		
20	QPSK	50	50	24.74	24.78	24.63		
20	QPSK	100	0	24.71	24.82	24.74		
20	16QAM	1	0	24.67	24.76	24.72	25.7	0
20	16QAM	1	49	24.58	24.62	24.47		
20	16QAM	1	99	24.62	24.67	24.58		
20	16QAM	50	0	23.73	23.83	23.74	24.7	1
20	16QAM	50	24	23.65	23.72	23.58		
20	16QAM	50	50	23.58	23.72	23.59		
20	16QAM	100	0	23.68	23.81	23.72		
20	64QAM	1	0	23.73	23.79	23.68	24.7	1
20	64QAM	1	49	23.59	23.71	23.66		
20	64QAM	1	99	23.66	23.69	23.57		
20	64QAM	50	0	22.75	22.86	22.79	23.7	2
20	64QAM	50	24	22.71	22.78	22.73		
20	64QAM	50	50	22.66	22.80	22.71		
20	64QAM	100	0	22.75	22.82	22.70		
20	256QAM	1	0	19.87	19.95	19.80	20.7	5
20	256QAM	1	49	19.79	19.82	19.74		
20	256QAM	1	99	19.70	19.84	19.76		
20	256QAM	50	0	19.98	20.02	19.90	20.7	5
20	256QAM	50	24	19.90	19.98	19.94		
20	256QAM	50	50	19.78	19.89	19.75		
20	256QAM	100	0	19.96	20.03	19.94		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	24.82	24.84	24.85	25.7	0
15	QPSK	1	37	24.67	24.84	24.76		
15	QPSK	1	74	24.63	24.70	24.57		
15	QPSK	36	0	24.68	24.70	24.69	25.7	0
15	QPSK	36	20	24.66	24.74	24.55		
15	QPSK	36	39	24.66	24.76	24.59		
15	QPSK	75	0	24.70	24.79	24.64		
15	16QAM	1	0	24.58	24.69	24.54	25.7	0
15	16QAM	1	37	24.53	24.55	24.30		
15	16QAM	1	74	24.49	24.65	24.52		
15	16QAM	36	0	23.70	23.69	23.63	24.7	1
15	16QAM	36	20	23.47	23.69	23.42		
15	16QAM	36	39	23.40	23.61	23.47		
15	16QAM	75	0	23.64	23.64	23.61		
15	64QAM	1	0	23.67	23.73	23.65	24.7	1
15	64QAM	1	37	23.56	23.61	23.61		
15	64QAM	1	74	23.50	23.65	23.40		
15	64QAM	36	0	22.57	22.82	22.69	23.7	2
15	64QAM	36	20	22.68	22.59	22.64		
15	64QAM	36	39	22.63	22.77	22.61		
15	64QAM	75	0	22.62	22.78	22.68		
15	256QAM	1	0	19.78	19.82	19.76	20.7	5
15	256QAM	1	37	19.65	19.76	19.62		
15	256QAM	1	74	19.60	19.78	19.67		
15	256QAM	36	0	19.93	19.92	19.80	20.7	5
15	256QAM	36	20	19.79	19.93	19.83		
15	256QAM	36	39	19.67	19.81	19.60		
15	256QAM	75	0	19.87	19.91	19.90		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	24.77	24.88	24.86	25.7	0
10	QPSK	1	25	24.70	24.85	24.73		
10	QPSK	1	49	24.65	24.69	24.56		
10	QPSK	25	0	24.67	24.75	24.69	25.7	0
10	QPSK	25	12	24.51	24.78	24.66		
10	QPSK	25	25	24.58	24.66	24.56		
10	QPSK	50	0	24.59	24.81	24.67		
10	16QAM	1	0	24.50	24.67	24.53	25.7	0
10	16QAM	1	25	24.43	24.43	24.38		
10	16QAM	1	49	24.44	24.64	24.40		
10	16QAM	25	0	23.68	23.79	23.62	24.7	1
10	16QAM	25	12	23.62	23.66	23.57		
10	16QAM	25	25	23.43	23.69	23.47		
10	16QAM	50	0	23.57	23.76	23.69		
10	64QAM	1	0	23.58	23.62	23.65	24.7	1
10	64QAM	1	25	23.55	23.56	23.50		
10	64QAM	1	49	23.60	23.56	23.43		
10	64QAM	25	0	22.73	22.69	22.75	23.7	2
10	64QAM	25	12	22.54	22.72	22.55		
10	64QAM	25	25	22.47	22.78	22.59		
10	64QAM	50	0	22.71	22.66	22.55		
10	256QAM	1	0	19.75	19.90	19.74	20.7	5
10	256QAM	1	25	19.66	19.78	19.67		
10	256QAM	1	49	19.65	19.70	19.62		
10	256QAM	25	0	19.94	19.87	19.80	20.7	5
10	256QAM	25	12	19.77	19.94	19.85		
10	256QAM	25	25	19.72	19.83	19.66		
10	256QAM	50	0	19.87	19.93	19.82		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	24.84	24.82	24.85	25.7	0
5	QPSK	1	12	24.65	24.83	24.70		
5	QPSK	1	24	24.58	24.67	24.58		
5	QPSK	12	0	24.74	24.79	24.64	25.7	0
5	QPSK	12	7	24.54	24.70	24.60		
5	QPSK	12	13	24.62	24.61	24.53		
5	QPSK	25	0	24.56	24.69	24.66		
5	16QAM	1	0	24.50	24.59	24.68	25.7	0
5	16QAM	1	12	24.51	24.59	24.32		
5	16QAM	1	24	24.55	24.59	24.55		
5	16QAM	12	0	23.72	23.80	23.67	24.7	1
5	16QAM	12	7	23.47	23.65	23.42		
5	16QAM	12	13	23.49	23.69	23.47		
5	16QAM	25	0	23.57	23.66	23.59		
5	64QAM	1	0	23.66	23.77	23.58	24.7	1
5	64QAM	1	12	23.42	23.66	23.59		
5	64QAM	1	24	23.63	23.58	23.53		
5	64QAM	12	0	22.74	22.82	22.76	23.7	2
5	64QAM	12	7	22.66	22.63	22.59		
5	64QAM	12	13	22.61	22.64	22.55		
5	64QAM	25	0	22.63	22.65	22.60		
5	256QAM	1	0	19.80	19.84	19.75	20.7	5
5	256QAM	1	12	19.70	19.79	19.69		
5	256QAM	1	24	19.63	19.81	19.68		
5	256QAM	12	0	19.86	19.98	19.82	20.7	5
5	256QAM	12	7	19.84	19.92	19.85		
5	256QAM	12	13	19.65	19.75	19.68		
5	256QAM	25	0	19.83	19.90	19.89		

Band 48 Ant12 Default

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	23.36	23.57	23.50	23.53	24.2	0
20	QPSK	1	49	23.33	23.54	23.40	23.48		
20	QPSK	1	99	23.28	23.52	23.43	23.39		
20	QPSK	50	0	23.32	23.55	23.45	23.45	24.2	0
20	QPSK	50	24	23.32	23.52	23.48	23.46		
20	QPSK	50	50	23.27	23.41	23.38	23.35		
20	QPSK	100	0	23.28	23.50	23.45	23.45		
20	16QAM	1	0	23.21	23.44	23.34	23.34	24.2	0
20	16QAM	1	49	23.15	23.39	23.19	23.27		
20	16QAM	1	99	23.13	23.34	23.27	23.34		
20	16QAM	50	0	22.30	22.51	22.38	22.43	23.2	1
20	16QAM	50	24	22.24	22.40	22.28	22.39		
20	16QAM	50	50	22.31	22.45	22.33	22.36		
20	16QAM	100	0	22.40	22.59	22.56	22.46		
20	64QAM	1	0	22.33	22.53	22.40	22.40	23.2	1
20	64QAM	1	49	22.23	22.43	22.32	22.38		
20	64QAM	1	99	22.26	22.47	22.40	22.37		
20	64QAM	50	0	21.29	21.52	21.46	21.46	22.2	2
20	64QAM	50	24	21.25	21.45	21.35	21.36		
20	64QAM	50	50	21.25	21.44	21.31	21.29		
20	64QAM	100	0	21.36	21.56	21.46	21.43		
20	256QAM	1	0	18.38	18.52	18.42	18.45	19.2	5
20	256QAM	1	49	18.27	18.42	18.40	18.32		
20	256QAM	1	99	18.27	18.47	18.27	18.33		
20	256QAM	50	0	18.35	18.56	18.51	18.53	19.2	5
20	256QAM	50	24	18.22	18.44	18.39	18.37		
20	256QAM	50	50	18.31	18.52	18.45	18.42		
20	256QAM	100	0	18.44	18.59	18.51	18.45		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	23.32	23.52	23.40	23.49	24.2	0
15	QPSK	1	37	23.23	23.41	23.34	23.35		
15	QPSK	1	74	23.22	23.44	23.31	23.25		
15	QPSK	36	0	23.23	23.46	23.31	23.40	24.2	0
15	QPSK	36	20	23.18	23.40	23.41	23.39		
15	QPSK	36	39	23.20	23.34	23.24	23.31		
15	QPSK	75	0	23.14	23.45	23.31	23.42		
15	16QAM	1	0	23.12	23.34	23.30	23.29	24.2	0
15	16QAM	1	37	23.03	23.33	23.09	23.19		
15	16QAM	1	74	23.10	23.22	23.13	23.26		
15	16QAM	36	0	22.15	22.37	22.34	22.39	23.2	1
15	16QAM	36	20	22.11	22.31	22.15	22.27		
15	16QAM	36	39	22.21	22.36	22.23	22.26		
15	16QAM	75	0	22.33	22.53	22.50	22.42		
15	64QAM	1	0	22.29	22.42	22.35	22.27	23.2	1
15	64QAM	1	37	22.10	22.34	22.26	22.29		
15	64QAM	1	74	22.15	22.39	22.31	22.25		
15	64QAM	36	0	21.26	21.42	21.37	21.37	22.2	2
15	64QAM	36	20	21.14	21.38	21.31	21.29		
15	64QAM	36	39	21.14	21.36	21.24	21.20		
15	64QAM	75	0	21.28	21.42	21.37	21.29		
15	256QAM	1	0	18.32	18.43	18.31	18.31	19.2	5
15	256QAM	1	37	18.14	18.29	18.31	18.18		
15	256QAM	1	74	18.17	18.43	18.16	18.26		
15	256QAM	36	0	18.20	18.43	18.40	18.45	19.2	5
15	256QAM	36	20	18.18	18.30	18.36	18.27		
15	256QAM	36	39	18.23	18.45	18.32	18.37		
15	256QAM	75	0	18.31	18.53	18.44	18.35		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	23.29	23.53	23.38	23.43	24.2	0
10	QPSK	1	25	23.18	23.46	23.25	23.43		
10	QPSK	1	49	23.15	23.46	23.29	23.33		
10	QPSK	25	0	23.23	23.42	23.37	23.31	24.2	0
10	QPSK	25	12	23.19	23.41	23.43	23.41		
10	QPSK	25	25	23.16	23.38	23.23	23.22		
10	QPSK	50	0	23.22	23.35	23.33	23.37		
10	16QAM	1	0	23.16	23.35	23.30	23.24	24.2	0
10	16QAM	1	25	23.09	23.32	23.08	23.16		
10	16QAM	1	49	23.05	23.21	23.22	23.22		
10	16QAM	25	0	22.24	22.36	22.29	22.31	23.2	1
10	16QAM	25	12	22.17	22.30	22.18	22.25		
10	16QAM	25	25	22.25	22.41	22.23	22.30		
10	16QAM	50	0	22.31	22.55	22.52	22.33		
10	64QAM	1	0	22.25	22.44	22.26	22.33	23.2	1
10	64QAM	1	25	22.09	22.38	22.21	22.30		
10	64QAM	1	49	22.23	22.34	22.32	22.33		
10	64QAM	25	0	21.18	21.39	21.41	21.32	22.2	2
10	64QAM	25	12	21.20	21.35	21.28	21.28		
10	64QAM	25	25	21.15	21.37	21.24	21.20		
10	64QAM	50	0	21.31	21.43	21.40	21.38		
10	256QAM	1	0	18.28	18.40	18.29	18.35	19.2	5
10	256QAM	1	25	18.20	18.35	18.31	18.29		
10	256QAM	1	49	18.14	18.43	18.18	18.29		
10	256QAM	25	0	18.31	18.42	18.46	18.44	19.2	5
10	256QAM	25	12	18.09	18.34	18.27	18.29		
10	256QAM	25	25	18.23	18.49	18.35	18.32		
10	256QAM	50	0	18.41	18.48	18.46	18.40		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	23.31	23.45	23.44	23.38	24.2	0
5	QPSK	1	12	23.28	23.45	23.37	23.41		
5	QPSK	1	24	23.21	23.43	23.34	23.31		
5	QPSK	12	0	23.21	23.45	23.39	23.34	24.2	0
5	QPSK	12	7	23.24	23.41	23.37	23.36		
5	QPSK	12	13	23.23	23.32	23.29	23.24		
5	QPSK	25	0	23.13	23.39	23.38	23.34		
5	16QAM	1	0	23.09	23.31	23.28	23.30	24.2	0
5	16QAM	1	12	23.06	23.32	23.16	23.16		
5	16QAM	1	24	23.08	23.26	23.15	23.25		
5	16QAM	12	0	22.24	22.46	22.30	22.36	23.2	1
5	16QAM	12	7	22.20	22.35	22.15	22.36		
5	16QAM	12	13	22.28	22.40	22.23	22.23		
5	16QAM	25	0	22.35	22.44	22.49	22.37		
5	64QAM	1	0	22.22	22.47	22.27	22.34	23.2	1
5	64QAM	1	12	22.10	22.31	22.27	22.31		
5	64QAM	1	24	22.17	22.32	22.34	22.33		
5	64QAM	12	0	21.17	21.39	21.38	21.41	22.2	2
5	64QAM	12	7	21.13	21.38	21.26	21.29		
5	64QAM	12	13	21.20	21.30	21.23	21.19		
5	64QAM	25	0	21.32	21.51	21.33	21.37		
5	256QAM	1	0	18.32	18.42	18.32	18.32	19.2	5
5	256QAM	1	12	18.20	18.30	18.34	18.23		
5	256QAM	1	24	18.14	18.42	18.15	18.20		
5	256QAM	12	0	18.30	18.45	18.43	18.42	19.2	5
5	256QAM	12	7	18.09	18.30	18.31	18.31		
5	256QAM	12	13	18.23	18.45	18.41	18.28		
5	256QAM	25	0	18.37	18.50	18.43	18.41		

Reduced Power Mode for DSI3

	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	32.84	32.79	32.88	33.40	23.84	23.79	23.88	24.40
GPRS 1 Tx slot	32.81	32.74	32.85	33.40	23.81	23.74	23.85	24.40
GPRS 2 Tx slots	29.79	29.71	29.85	30.40	23.79	23.71	23.85	24.40
GPRS 3 Tx slots	28.05	27.89	28.00	28.60	23.79	23.63	23.74	24.34
GPRS 4 Tx slots	26.94	27.04	27.00	27.40	23.94	24.04	24.00	24.40
EDGE 1 Tx slot	26.65	26.66	26.63	27.50	17.65	17.66	17.63	18.50
EDGE 2 Tx slots	23.97	23.91	23.97	24.50	17.97	17.91	17.97	18.50
EDGE 3 Tx slots	22.08	22.10	22.13	22.70	17.82	17.84	17.87	18.44
EDGE 4 Tx slots	20.98	20.94	21.00	21.50	17.98	17.94	18.00	18.50

		WCDMA IV Ant0 DSI 3				WCDMA V Ant0 DSI 3			
Band		WCDMA IV			Tune-up Limit (dBm)	WCDMA V			Tune-up Limit (dBm)
TX Channel		1312	1413	1513		4132	4182	4233	
Rx Channel		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	20.73	20.74	20.76	22.20	23.62	23.60	23.52	24.50
3GPP Rel 99	RMC 12.2Kbps	20.75	20.80	20.78	22.20	23.77	23.81	23.64	24.50
3GPP Rel 6	HSDPA Subtest-1	19.78	19.66	19.86	21.20	22.60	22.82	22.62	23.50
3GPP Rel 6	HSDPA Subtest-2	19.87	19.75	19.53	21.20	22.65	22.79	22.62	23.50
3GPP Rel 6	HSDPA Subtest-3	19.08	19.24	19.25	20.70	22.01	22.31	22.08	23.00
3GPP Rel 6	HSDPA Subtest-4	19.09	19.33	19.26	20.70	22.08	22.33	22.19	23.00
3GPP Rel 8	DC-HSDPA Subtest-1	19.88	19.77	19.50	21.20	22.79	22.70	22.53	23.50
3GPP Rel 8	DC-HSDPA Subtest-2	19.65	19.90	19.60	21.20	22.58	22.75	22.67	23.50
3GPP Rel 8	DC-HSDPA Subtest-3	19.24	19.34	19.24	20.70	21.95	22.10	22.14	23.00
3GPP Rel 8	DC-HSDPA Subtest-4	19.13	19.27	19.26	20.70	22.10	22.11	22.05	23.00
3GPP Rel 6	HSUPA Subtest-1	19.69	19.77	19.94	21.20	22.56	22.62	22.74	23.50
3GPP Rel 6	HSUPA Subtest-2	17.77	17.92	17.69	19.20	20.71	20.67	20.59	21.50
3GPP Rel 6	HSUPA Subtest-3	18.80	18.92	18.65	20.20	21.65	21.67	21.52	22.50
3GPP Rel 6	HSUPA Subtest-4	17.75	17.72	17.89	19.20	20.48	20.73	20.76	21.50
3GPP Rel 6	HSUPA Subtest-5	19.65	19.85	19.67	21.20	22.65	22.65	22.54	23.50
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	17.21	17.27	17.10	18.70	20.22	20.24	20.11	21.00

Band 4 Ant0 Default

BW [MHz]	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	23.94	24.08	23.98		
20	QPSK	1	49	23.87	23.97	23.87	25	0
20	QPSK	1	99	23.88	24.03	23.93		
20	QPSK	50	0	23.95	24.02	23.91		
20	QPSK	50	24	23.87	23.91	23.78	25	0
20	QPSK	50	50	23.92	24.00	23.90		
20	QPSK	100	0	23.86	23.96	23.91		
20	16QAM	1	0	23.96	24.07	23.93		
20	16QAM	1	49	23.94	24.01	23.87	25	0
20	16QAM	1	99	23.85	23.94	23.87		
20	16QAM	50	0	22.91	23.04	23.00		
20	16QAM	50	24	22.81	22.91	22.87	24.5	0.5
20	16QAM	50	50	22.90	22.94	22.80		
20	16QAM	100	0	22.96	23.00	22.94		
20	64QAM	1	0	22.91	23.06	22.98		
20	64QAM	1	49	22.83	22.93	22.78	24.5	0.5
20	64QAM	1	99	22.85	22.96	22.87		
20	64QAM	50	0	21.95	22.02	21.97		
20	64QAM	50	24	21.84	21.98	21.90	23.5	1.5
20	64QAM	50	50	21.79	21.93	21.80		
20	64QAM	100	0	21.84	21.97	21.93		
20	256QAM	1	0	19.04	19.09	19.00		
20	256QAM	1	49	18.92	18.95	18.82	20.5	4.5
20	256QAM	1	99	18.88	19.02	18.99		
20	256QAM	50	0	18.82	18.96	18.89		
20	256QAM	50	24	18.77	18.85	18.70	20.5	4.5
20	256QAM	50	50	18.79	18.92	18.78		
20	256QAM	100	0	18.90	19.01	18.89		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	23.83	23.99	23.86		
15	QPSK	1	37	23.83	23.86	23.77	25	0
15	QPSK	1	74	23.82	24.00	23.89		
15	QPSK	36	0	23.86	23.96	23.85		
15	QPSK	36	20	23.77	23.83	23.68	25	0
15	QPSK	36	39	23.78	23.88	23.78		
15	QPSK	75	0	23.76	23.85	23.76		
15	16QAM	1	0	23.85	24.03	23.81		
15	16QAM	1	37	23.85	23.95	23.74	25	0
15	16QAM	1	74	23.75	23.86	23.76		
15	16QAM	36	0	22.77	22.95	22.89		
15	16QAM	36	20	22.70	22.78	22.78	24.5	0.5
15	16QAM	36	39	22.86	22.85	22.75		
15	16QAM	75	0	22.86	22.87	22.84		
15	64QAM	1	0	22.86	23.02	22.91		
15	64QAM	1	37	22.73	22.79	22.75	24.5	0.5
15	64QAM	1	74	22.80	22.82	22.81		
15	64QAM	36	0	21.84	21.90	21.85		
15	64QAM	36	20	21.80	21.88	21.86	23.5	1.5
15	64QAM	36	39	21.69	21.87	21.71		
15	64QAM	75	0	21.72	21.86	21.90		
15	256QAM	1	0	18.92	19.03	18.93		
15	256QAM	1	37	18.78	18.83	18.67	20.5	4.5
15	256QAM	1	74	18.84	18.93	18.93		
15	256QAM	36	0	18.73	18.89	18.81		
15	256QAM	36	20	18.68	18.77	18.63	20.5	4.5
15	256QAM	36	39	18.68	18.87	18.65		
15	256QAM	75	0	18.78	18.90	18.76		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	23.86	24.04	23.92		
10	QPSK	1	25	23.73	23.84	23.81	25	0
10	QPSK	1	49	23.84	23.92	23.88		
10	QPSK	25	0	23.85	23.93	23.77		
10	QPSK	25	12	23.76	23.83	23.70	25	0
10	QPSK	25	25	23.82	23.92	23.86		
10	QPSK	50	0	23.83	23.91	23.78		
10	16QAM	1	0	23.84	23.94	23.81		
10	16QAM	1	25	23.81	23.98	23.82	25	0
10	16QAM	1	49	23.71	23.84	23.81		
10	16QAM	25	0	22.77	22.96	22.91		
10	16QAM	25	12	22.75	22.77	22.80	24.5	0.5
10	16QAM	25	25	22.79	22.94	22.73		
10	16QAM	50	0	22.81	22.93	22.91		
10	64QAM	1	0	22.77	22.93	22.87		
10	64QAM	1	25	22.74	22.85	22.66	24.5	0.5
10	64QAM	1	49	22.82	22.82	22.75		
10	64QAM	25	0	21.81	21.96	21.87		
10	64QAM	25	12	21.75	21.87	21.79	23.5	1.5
10	64QAM	25	25	21.66	21.87	21.76		
10	64QAM	50	0	21.79	21.86	21.88		
10	256QAM	1	0	18.93	19.04	18.86		
10	256QAM	1	25	18.84	18.88	18.74	20.5	4.5
10	256QAM	1	49	18.85	18.98	18.89		
10	256QAM	25	0	18.71	18.87	18.85		
10	256QAM	25	12	18.74	18.76	18.66	20.5	4.5
10	256QAM	25	25	18.71	18.82	18.68		
10	256QAM	50	0	18.87	18.93	18.83		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	23.85	23.94	23.85		
5	QPSK	1	12	23.74	23.94	23.82	25	0
5	QPSK	1	24	23.81	23.92	23.89		
5	QPSK	12	0	23.88	23.95	23.77		
5	QPSK	12	7	23.79	23.82	23.69	25	0
5	QPSK	12	13	23.81	23.97	23.75		
5	QPSK	25	0	23.81	23.90	23.82		
5	16QAM	1	0	23.87	23.94	23.88		
5	16QAM	1	12	23.90	23.86	23.81	25	0
5	16QAM	1	24	23.73	23.90	23.78		
5	16QAM	12	0	22.85	22.90	22.91		
5	16QAM	12	7	22.75	22.87	22.77	24.5	0.5
5	16QAM	12	13	22.83	22.84	22.70		
5	16QAM	25	0	22.93	22.92	22.83		
5	64QAM	1	0	22.77	23.00	22.94		
5	64QAM	1	12	22.75	22.89	22.64	24.5	0.5
5	64QAM	1	24	22.81	22.86	22.72		
5	64QAM	12	0	21.89	21.90	21.82		
5	64QAM	12	7	21.78	21.92	21.81	23.5	1.5
5	64QAM	12	13	21.68	21.86	21.70		
5	64QAM	25	0	21.74	21.86	21.86		
5	256QAM	1	0	18.90	19.03	18.90		
5	256QAM	1	12	18.85	18.85	18.76	20.5	4.5
5	256QAM	1	24	18.79	18.89	18.87		
5	256QAM	12	0	18.76	18.88	18.81		
5	256QAM	12	7	18.65	18.78	18.65	20.5	4.5
5	256QAM	12	13	18.75	18.80	18.64		
5	256QAM	25	0	18.86	18.96	18.75		
Channel				19950	20175	20399	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	23.89	24.03	23.95		
3	QPSK	1	8	23.81	23.87	23.81	25	0
3	QPSK	1	14	23.84	23.89	23.89		
3	QPSK	8	0	23.80	23.92	23.87		
3	QPSK	8	4	23.79	23.79	23.74	25	0
3	QPSK	8	7	23.85	23.95	23.82		
3	QPSK	15	0	23.75	23.87	23.83		
3	16QAM	1	0	23.91	23.98	23.79		
3	16QAM	1	8	23.80	23.92	23.76	25	0
3	16QAM	1	14	23.70	23.82	23.82		
3	16QAM	8	0	22.80	22.98	22.89		
3	16QAM	8	4	22.71	22.83	22.76	24.5	0.5
3	16QAM	8	7	22.81	22.81	22.74		
3	16QAM	15	0	22.83	22.86	22.84		
3	64QAM	1	0	22.78	23.00	22.86		
3	64QAM	1	8	22.74	22.84	22.67	24.5	0.5
3	64QAM	1	14	22.73	22.90	22.73		
3	64QAM	8	0	21.87	21.92	21.88		
3	64QAM	8	4	21.80	21.95	21.76	23.5	1.5
3	64QAM	8	7	21.67	21.82	21.73		
3	64QAM	15	0	21.74	21.93	21.89		
3	256QAM	1	0	18.91	18.99	18.94		
3	256QAM	1	8	18.88	18.89	18.76	20.5	4.5
3	256QAM	1	14	18.78	18.95	18.91		
3	256QAM	8	0	18.72	18.84	18.84		
3	256QAM	8	4	18.64	18.79	18.58	20.5	4.5
3	256QAM	8	7	18.67	18.87	18.64		
3	256QAM	15	0	18.77	18.94	18.75		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	23.81	24.03	23.84		
1.4	QPSK	1	3	23.83	23.93	23.78		
1.4	QPSK	1	5	23.78	23.91	23.90	25	0
1.4	QPSK	3	0	23.89	23.97	23.81		
1.4	QPSK	3	1	23.75	23.77	23.73		
1.4	QPSK	3	3	23.79	23.94	23.82		
1.4	QPSK	6	0	23.74	23.87	23.86	25	0
1.4	16QAM	1	0	23.88	23.95	23.78		
1.4	16QAM	1	3	23.86	23.88	23.84		
1.4	16QAM	1	5	23.78	23.90	23.76	25	0
1.4	16QAM	3	0	23.80	23.98	23.86		
1.4	16QAM	3	1	23.67	23.88	23.79		
1.4	16QAM	3	3	23.82	23.83	23.73		
1.4	16QAM	6	0	22.83	22.94	22.80	24.5	0.5
1.4	64QAM	1	0	22.76	22.94	22.86		
1.4	64QAM	1	3	22.71	22.82	22.70		
1.4	64QAM	1	5	22.75	22.93	22.74	24.5	0.5
1.4	64QAM	3	0	22.91	22.93	22.83		
1.4	64QAM	3	1	22.70	22.95	22.85		
1.4	64QAM	3	3	22.67	22.86	22.74		
1.4	64QAM	6	0	21.71	21.84	21.89	23.5	1.5
1.4	256QAM	1	0	18.98	18.94	18.85		
1.4	256QAM	1	3	18.81	18.81	18.75		
1.4	256QAM	1	5	18.77	18.87	18.85	20.5	4.5
1.4	256QAM	3	0	18.73	18.82	18.83		
1.4	256QAM	3	1	18.73	18.74	18.62		
1.4	256QAM	3	3	18.70	18.83	18.72		
1.4	256QAM	6	0	18.82	18.98	18.83	20.5	4.5

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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	24.46	24.53	24.42		
10	QPSK	1	25	24.51	24.44	24.34	25.2	0
10	QPSK	1	49	24.49	24.40	24.32		
10	QPSK	25	0	24.34	24.49	24.48		
10	QPSK	25	12	24.40	24.37	24.37	25.2	0
10	QPSK	25	25	24.40	24.33	24.45		
10	QPSK	50	0	24.42	24.39	24.36		
10	16QAM	1	0	24.40	24.37	24.43		
10	16QAM	1	25	24.46	24.36	24.50	25.2	0
10	16QAM	1	49	24.40	24.44	24.48		
10	16QAM	25	0	23.82	23.90	23.88		
10	16QAM	25	12	23.82	23.92	23.86	24.7	0.5
10	16QAM	25	25	23.70	23.91	23.83		
10	16QAM	50	0	23.87	24.00	23.72		
10	64QAM	1	0	24.02	24.03	24.08		
10	64QAM	1	25	23.94	24.06	23.95	24.7	0.5
10	64QAM	1	49	23.90	23.91	23.87		
10	64QAM	25	0	22.89	22.94	22.98		
10	64QAM	25	12	22.77	22.98	22.91	23.7	1.5
10	64QAM	25	25	22.74	22.92	22.67		
10	64QAM	50	0	22.70	22.83	22.70		
10	256QAM	1	0	19.85	20.06	19.88		
10	256QAM	1	25	19.85	19.88	19.73	20.7	4.5
10	256QAM	1	49	19.78	19.91	19.81		
10	256QAM	25	0	19.90	19.82	19.77		
10	256QAM	25	12	19.86	19.77	19.74	20.7	4.5
10	256QAM	25	25	19.76	19.80	19.69		
10	256QAM	50	0	19.92	19.93	19.92		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	24.32	24.46	24.25		
5	QPSK	1	12	24.37	24.44	24.32	25.2	0
5	QPSK	1	24	24.42	24.25	24.13		
5	QPSK	12	0	24.24	24.41	24.45		
5	QPSK	12	7	24.22	24.24	24.16	25.2	0
5	QPSK	12	13	24.38	24.11	24.44		
5	QPSK	25	0	24.35	24.37	24.34		
5	16QAM	1	0	24.42	24.39	24.35		
5	16QAM	1	12	24.26	24.22	24.45	25.2	0
5	16QAM	1	24	24.51	24.28	24.36		
5	16QAM	12	0	23.73	23.69	23.79		
5	16QAM	12	7	23.76	23.89	23.69	24.7	0.5
5	16QAM	12	13	23.48	23.92	23.68		
5	16QAM	25	0	23.86	23.82	23.67		
5	64QAM	1	0	23.86	24.03	23.90		
5	64QAM	1	12	23.95	23.90	23.79	24.7	0.5
5	64QAM	1	24	23.88	23.89	23.70		
5	64QAM	12	0	22.76	22.78	22.80		
5	64QAM	12	7	22.55	22.77	22.74	23.7	1.5
5	64QAM	12	13	22.57	22.83	22.54		
5	64QAM	25	0	22.54	22.82	22.56		
5	256QAM	1	0	19.74	19.99	19.90		
5	256QAM	1	12	19.86	19.87	19.68	20.7	4.5
5	256QAM	1	24	19.58	19.93	19.75		
5	256QAM	12	0	19.85	19.74	19.58		
5	256QAM	12	7	19.69	19.56	19.52	20.7	4.5
5	256QAM	12	13	19.57	19.63	19.55		
5	256QAM	25	0	19.93	19.90	19.74		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	24.34	24.53	24.33		
3	QPSK	1	8	24.45	24.35	24.24	25.2	0
3	QPSK	1	14	24.26	24.31	24.16		
3	QPSK	8	0	24.26	24.46	24.31		
3	QPSK	8	4	24.33	24.16	24.28	25.2	0
3	QPSK	8	7	24.41	24.28	24.32		
3	QPSK	15	0	24.28	24.25	24.35		
3	16QAM	1	0	24.23	24.36	24.41		
3	16QAM	1	8	24.32	24.35	24.51	25.2	0
3	16QAM	1	14	24.47	24.44	24.46		
3	16QAM	8	0	23.75	23.69	23.70		
3	16QAM	8	4	23.77	23.80	23.77	24.7	0.5
3	16QAM	8	7	23.54	23.87	23.64		
3	16QAM	15	0	23.84	23.80	23.52		
3	64QAM	1	0	23.85	24.05	23.94		
3	64QAM	1	8	23.84	24.04	23.94	24.7	0.5
3	64QAM	1	14	23.92	23.90	23.78		
3	64QAM	8	0	22.84	22.75	22.86		
3	64QAM	8	4	22.74	22.80	22.89	23.7	1.5
3	64QAM	8	7	22.66	22.73	22.62		
3	64QAM	15	0	22.71	22.74	22.63		
3	256QAM	1	0	19.68	20.06	19.90		
3	256QAM	1	8	19.82	19.66	19.68	20.7	4.5
3	256QAM	1	14	19.58	19.92	19.59		
3	256QAM	8	0	19.91	19.63	19.67		
3	256QAM	8	4	19.67	19.77	19.64	20.7	4.5
3	256QAM	8	7	19.59	19.75	19.62		
3	256QAM	15	0	19.82	19.93	19.76		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	24.30	24.33	24.38		
1.4	QPSK	1	3	24.39	24.24	24.13	25.2	0
1.4	QPSK	1	5	24.33	24.31	24.13		
1.4	QPSK	3	0	24.17	24.48	24.42		
1.4	QPSK	3	1	24.31	24.28	24.35	25.2	0
1.4	QPSK	3	3	24.36	24.14	24.31		
1.4	QPSK	6	0	24.14	24.28	24.20		
1.4	16QAM	1	0	24.29	24.20	24.36		
1.4	16QAM	1	3	24.44	24.17	24.45	25.2	0
1.4	16QAM	1	5	24.49	24.41	24.41		
1.4	16QAM	3	0	24.29	24.28	24.17		
1.4	16QAM	3	1	24.25	24.05	24.07		
1.4	16QAM	3	3	24.32	24.26	24.35		
1.4	16QAM	6	0	23.99	24.35	24.26	24.7	0.5
1.4	64QAM	1	0	24.32	24.21	24.13		
1.4	64QAM	1	3	24.15	23.98	24.15		
1.4	64QAM	1	5	23.98	24.08	23.98	24.7	0.5
1.4	64QAM	3	0	24.26	24.19	24.28		
1.4	64QAM	3	1	24.24	24.06	24.25		
1.4	64QAM	3	3	24.47	24.24	24.32		
1.4	64QAM	6	0	23.29	23.26	23.40	23.7	1.5
1.4	256QAM	1	0	20.32	20.18	20.35		
1.4	256QAM	1	3	20.27	20.14	20.48		
1.4	256QAM	1	5	20.20	20.15	20.51	20.7	4.5
1.4	256QAM	3	0	20.36	20.20	20.51		
1.4	256QAM	3	1	20.22	20.16	20.43		
1.4	256QAM	3	3	20.21	20.26	20.37		
1.4	256QAM	6	0	20.37	20.30	20.31	20.7	4.5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	20.17	20.45	20.44		
20	QPSK	1	49	20.30	20.42	20.30	21.7	0
20	QPSK	1	99	20.13	20.24	20.21		
20	QPSK	50	0	20.27	20.38	20.30		
20	QPSK	50	24	20.12	20.26	20.29	21.7	0
20	QPSK	50	50	20.19	20.20	20.27		
20	QPSK	100	0	20.12	20.31	20.29		
20	16QAM	1	0	20.34	20.37	20.44		
20	16QAM	1	49	20.15	20.36	20.28	21.7	0
20	16QAM	1	99	20.24	20.33	20.37		
20	16QAM	50	0	20.13	20.24	20.41		
20	16QAM	50	24	20.22	20.42	20.28	21.7	0
20	16QAM	50	50	20.13	20.36	20.24		
20	16QAM	100	0	20.26	20.37	20.37		
20	64QAM	1	0	20.24	20.27	20.21		
20	64QAM	1	49	20.27	20.21	20.20	21.7	0
20	64QAM	1	99	20.13	20.33	20.42		
20	64QAM	50	0	20.35	20.42	20.28		
20	64QAM	50	24	20.18	20.37	20.32	21.7	0
20	64QAM	50	50	20.17	20.35	20.26		
20	64QAM	100	0	20.26	20.31	20.42		
20	256QAM	1	0	18.61	18.92	18.86		
20	256QAM	1	49	18.72	18.84	18.70	20.2	1.5
20	256QAM	1	99	18.62	18.70	18.78		
20	256QAM	50	0	18.73	19.02	19.05		
20	256QAM	50	24	18.75	18.86	18.84	20.2	1.5
20	256QAM	50	50	18.70	18.81	18.91		
20	256QAM	100	0	18.68	18.71	18.76		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	20.10	20.39	20.28		
15	QPSK	1	37	20.14	20.35	20.25	21.7	0
15	QPSK	1	74	20.00	20.24	20.01		
15	QPSK	36	0	20.19	20.18	20.23		
15	QPSK	36	20	20.12	20.05	20.24	21.7	0
15	QPSK	36	39	20.02	20.09	20.13		
15	QPSK	75	0	20.14	20.20	20.15		
15	16QAM	1	0	20.32	20.30	20.25		
15	16QAM	1	37	20.09	20.38	20.13	21.7	0
15	16QAM	1	74	20.13	20.22	20.35		
15	16QAM	36	0	20.04	20.41	20.43		
15	16QAM	36	20	20.22	20.39	20.29	21.7	0
15	16QAM	36	39	20.00	20.32	20.04		
15	16QAM	75	0	20.20	20.16	20.20		
15	64QAM	1	0	20.09	20.19	20.09		
15	64QAM	1	37	20.27	20.21	20.00	21.7	0
15	64QAM	1	74	20.03	20.20	20.21		
15	64QAM	36	0	20.32	20.40	20.08		
15	64QAM	36	20	20.12	20.22	20.32	21.7	0
15	64QAM	36	39	20.16	20.14	20.17		
15	64QAM	75	0	20.24	20.11	20.43		
15	256QAM	1	0	18.54	18.81	18.65		
15	256QAM	1	37	18.68	18.72	18.67	20.2	1.5
15	256QAM	1	74	18.55	18.63	18.68		
15	256QAM	36	0	18.70	19.00	18.91		
15	256QAM	36	20	18.70	18.84	18.64	20.2	1.5
15	256QAM	36	39	18.50	18.61	18.76		
15	256QAM	75	0	18.66	18.53	18.55		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	20.03	20.24	20.39		
10	QPSK	1	25	20.16	20.32	20.30	21.7	0
10	QPSK	1	49	20.13	20.07	20.12		
10	QPSK	25	0	20.26	20.23	20.19		
10	QPSK	25	12	20.12	20.17	20.24	21.7	0
10	QPSK	25	25	20.20	20.27	20.27		
10	QPSK	50	0	20.05	20.21	20.28		
10	16QAM	1	0	20.19	20.36

Band 13 Ant0 DSI 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					23230			
Frequency (MHz)					782			
10	QPSK	1	0		24.16		24.6	0
10	QPSK	1	25		24.10			
10	QPSK	1	49		23.98			
10	QPSK	25	0		23.99		24.6	0
10	QPSK	25	12		23.89			
10	QPSK	25	25		23.93			
10	QPSK	50	0		23.88			
10	16QAM	1	0		23.98		24.6	0
10	16QAM	1	25		23.82			
10	16QAM	1	49		24.06			
10	16QAM	25	0		24.10		24.6	0
10	16QAM	25	12		24.14			
10	16QAM	25	25		24.00			
10	16QAM	50	0		24.03			
10	64QAM	1	0		23.91		24.6	0
10	64QAM	1	25		23.98			
10	64QAM	1	49		23.95			
10	64QAM	25	0		23.17		23.6	1
10	64QAM	25	12		23.18			
10	64QAM	25	25		22.98			
10	64QAM	50	0		23.03			
10	256QAM	1	0		20.21		20.6	4
10	256QAM	1	25		20.09			
10	256QAM	1	49		20.09			
10	256QAM	25	0		20.11		20.6	4
10	256QAM	25	12		20.07			
10	256QAM	25	25		20.05			
10	256QAM	50	0		19.99			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	24.09	24.00	23.96	24.6	0
5	QPSK	1	12	23.99	23.96	23.96		
5	QPSK	1	24	23.88	23.93	23.92		
5	QPSK	12	0	23.75	23.77	23.84	24.6	0
5	QPSK	12	7	23.84	23.82	23.89		
5	QPSK	12	13	23.89	23.82	23.80		
5	QPSK	25	0	23.70	23.80	23.89		
5	16QAM	1	0	23.91	23.77	23.85	24.6	0
5	16QAM	1	12	23.78	23.67	23.77		
5	16QAM	1	24	23.96	23.86	24.01		
5	16QAM	12	0	24.00	24.02	23.99	24.6	0
5	16QAM	12	7	24.09	24.12	24.03		
5	16QAM	12	13	23.86	23.97	23.83		
5	16QAM	25	0	24.04	23.98	24.05		
5	64QAM	1	0	23.92	23.91	23.90	24.6	0
5	64QAM	1	12	23.89	23.88	23.81		
5	64QAM	1	24	23.76	23.82	23.80		
5	64QAM	12	0	23.03	22.98	23.11	23.6	1
5	64QAM	12	7	23.06	23.04	23.14		
5	64QAM	12	13	22.90	22.83	22.98		
5	64QAM	25	0	23.05	22.96	22.94		
5	256QAM	1	0	20.14	20.15	20.21	20.6	4
5	256QAM	1	12	19.94	19.89	20.08		
5	256QAM	1	24	19.90	20.03	20.03		
5	256QAM	12	0	19.90	20.01	20.03	20.6	4
5	256QAM	12	7	19.86	19.97	20.06		
5	256QAM	12	13	19.89	19.86	19.84		
5	256QAM	25	0	19.96	19.84	20.00		

Band 17 Ant0 DSI 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				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	21.91	22.21	21.90	22.7	0
10	QPSK	1	25	21.97	22.14	22.04		
10	QPSK	1	49	22.06	21.97	22.08		
10	QPSK	25	0	21.98	22.18	22.10	22.7	0
10	QPSK	25	12	21.99	22.13	22.01		
10	QPSK	25	25	21.86	22.09	21.91		
10	QPSK	50	0	21.89	22.10	21.92		
10	16QAM	1	0	21.93	22.13	22.02	22.7	0
10	16QAM	1	25	22.11	22.17	22.11		
10	16QAM	1	49	21.95	22.14	21.86		
10	16QAM	25	0	21.98	22.20	21.93	22.7	0
10	16QAM	25	12	21.97	21.99	21.99		
10	16QAM	25	25	22.03	22.14	22.06		
10	16QAM	50	0	21.97	22.15	21.97		
10	64QAM	1	0	21.88	22.13	22.00	22.7	0
10	64QAM	1	25	21.94	22.02	22.00		
10	64QAM	1	49	21.93	22.08	21.91		
10	64QAM	25	0	22.05	21.95	22.04	22.7	0
10	64QAM	25	12	22.00	22.11	22.10		
10	64QAM	25	25	21.98	22.05	21.88		
10	64QAM	50	0	22.07	21.93	21.93		
10	256QAM	1	0	20.12	20.24	20.15	20.7	2
10	256QAM	1	25	19.93	20.06	19.94		
10	256QAM	1	49	19.82	19.91	20.03		
10	256QAM	25	0	19.92	20.00	20.05	20.7	2
10	256QAM	25	12	19.91	19.98	20.05		
10	256QAM	25	25	19.98	20.04	19.96		
10	256QAM	50	0	19.98	20.06	19.91		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	21.86	22.03	21.87	22.7	0
5	QPSK	1	12	21.98	22.07	22.02		
5	QPSK	1	24	21.99	21.87	22.01		
5	QPSK	12	0	21.86	21.93	21.96	22.7	0
5	QPSK	12	7	21.86	22.04	22.00		
5	QPSK	12	13	21.71	22.02	21.79		
5	QPSK	25	0	21.67	22.14	21.87		
5	16QAM	1	0	21.75	21.98	21.98	22.7	0
5	16QAM	1	12	21.97	22.18	22.00		
5	16QAM	1	24	21.93	22.09	21.72		
5	16QAM	12	0	21.91	22.08	21.84	22.7	0
5	16QAM	12	7	21.84	21.85	21.87		
5	16QAM	12	13	22.05	22.05	22.03		
5	16QAM	25	0	21.89	22.15	21.82		
5	64QAM	1	0	21.66	22.04	21.91	22.7	0
5	64QAM	1	12	21.85	22.00	21.81		
5	64QAM	1	24	21.90	22.06	21.69		
5	64QAM	12	0	21.86	21.79	21.87	22.7	0
5	64QAM	12	7	21.96	22.11	22.01		
5	64QAM	12	13	21.95	21.86	21.67		
5	64QAM	25	0	21.88	21.83	21.90		
5	256QAM	1	0	20.00	20.20	20.05	20.7	2
5	256QAM	1	12	19.87	20.06	19.94		
5	256QAM	1	24	19.82	19.86	20.03		
5	256QAM	12	0	19.92	19.94	19.83	20.7	2
5	256QAM	12	7	19.70	19.83	19.94		
5	256QAM	12	13	19.96	19.95	19.77		
5	256QAM	25	0	19.92	20.05	19.82		

Band 26 Ant0 DSI 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				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	24.44	24.57	24.52	25.2	0
15	QPSK	1	37	24.44	24.45	24.53		
15	QPSK	1	74	24.43	24.46	24.56		
15	QPSK	36	0	24.32	24.44	24.38	25.2	0
15	QPSK	36	20	24.19	24.42	24.23		
15	QPSK	36	39	24.19	24.41	24.43		
15	QPSK	75	0	24.43	24.45	24.28		
15	16QAM	1	0	24.38	24.43	24.27	25.2	0
15	16QAM	1	37	24.35	24.41	24.25		
15	16QAM	1	74	24.31	24.42	24.18		
15	16QAM	36	0	23.79	24.03	23.88	24.7	0.5
15	16QAM	36	20	23.92	24.13	23.94		
15	16QAM	36	39	23.85	23.95	24.05		
15	16QAM	75	0	23.74	23.88	23.93		
15	64QAM	1	0	23.65	23.81	23.72	24.7	0.5
15	64QAM	1	37	23.52	23.84	23.94		
15	64QAM	1	74	23.94	23.78	23.68		
15	64QAM	36	0	22.89	23.09	22.95	23.7	1.5
15	64QAM	36	20	23.06	23.16	23.03		
15	64QAM	36	39	22.93	23.01	23.20		
15	64QAM	75	0	22.93	22.88	23.09		
15	256QAM	1	0	19.81	20.01	20.04	20.7	4.5
15	256QAM	1	37	19.79	19.93	19.82		
15	256QAM	1	74	19.75	19.79	19.86		
15	256QAM	36	0	19.61	19.84	19.81	20.7	4.5
15	256QAM	36	20	19.53	19.82	19.65		
15	256QAM	36	39	19.55	19.85	19.72		
15	256QAM	75	0	19.97	19.91	19.62		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	24.37	24.44	24.29	25.2	0
10	QPSK	1	25	24.37	24.45	24.43		
10	QPSK	1	49	24.20	24.27	24.39		
10	QPSK	25	0	24.19	24.26	24.43	25.2	0
10	QPSK	25	12	24.05	24.22	23.99		
10	QPSK	25	25	24.01	24.22	24.27		
10	QPSK	50	0	24.39	24.25	24.24		
10	16QAM	1	0	24.17	24.20	24.07	25.2	0
10	16QAM	1	25	24.27	24.21	24.09		
10	16QAM	1	49	24.09	24.20	24.27		
10	16QAM	25	0	23.67	23.93	23.62	24.7	0.5
10	16QAM	25	12	23.80	23.92	23.84		
10	16QAM	25	25	23.80	23.68	23.82		
10	16QAM	50	0	23.54	23.82	23.69		
10	64QAM	1	0	23.60	23.65	23.47	24.7	0.5
10	64QAM	1	25	23.57	23.67	23.80		
10	64QAM	1	49	23.76	23.60	23.58		
10	64QAM	25	0	22.85	23.02	22.70	23.7	1.5
10	64QAM	25	12	22.99	23.08	22.80		
10	64QAM	25	25	22.71	22.76	23.03		
10	64QAM	50	0	22.81	22.63	23.06		
10	256QAM	1	0	19.75	19.91	19.68	20.7	4.5
10	256QAM	1	25	19.70	19.81	19.83		
10	256QAM	1	49	19.55	19.68	19.77		
10	256QAM	25	0	19.52	19.80	19.55	20.7	4.5
10	256QAM	25	12	19.30	19.71	19.60		
10	256QAM	25	25	19.49	19.62	19.65		
10	256QAM	50	0	19.84	19.75	19.58		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	24.40	24.30	24.25	25.2	0
5	QPSK	1	12	24.18	24.38	24.28		
5	QPSK	1	24	24.26	24.37	24.43		
5	QPSK	12	0	24.24	24.13	24.31	25.2	0
5	QPSK	12	7	24.13	24.29	24.01		
5	QPSK	12	13	23.97	24.24	24.21		
5	QPSK	25	0	24.36	24.29	24.14		
5	16QAM	1	0	24.23	24.36	24.22	25.2	0
5	16QAM	1	12	24.15	24.36	24.05		
5	16QAM	1	24	24.27	24.29	24.14		
5	16QAM	12	0	23.62	23.83	23.74	24.7	0.5
5	16QAM	12	7	23.68	24.09	23.89		
5	16QAM	12	13	23.77	23.89	23.94		
5	16QAM	25	0	23.57	23.80	23.75		
5	64QAM	1	0	23.45	23.58	23.63	24.7	0.5
5	64QAM	1	12	23.46	23.58	23.82		
5	64QAM	1	24	23.75	23.72	23.62		
5	64QAM	12	0	22.83	22.93	22.77	23.7	1.5
5	64QAM	12	7	22.90	23.07	22.99		
5	64QAM	12	13	22.88	22.97	23.14		
5	64QAM	25	0	22.90	22.75	23.02		
5	256QAM	1	0	19.75	19.97	19.81	20.7	4.5
5	256QAM	1	12	19.55	19.86	19.76		
5	256QAM	1	24	19.72	19.52	19.63		
5	256QAM	12	0	19.36	19.66	19.58	20.7	4.5
5	256QAM	12	7	19.40	19.72	19.50		
5	256QAM	12	13	19.48	19.79	19.59		
5	256QAM	25	0	19.81	19.76	19.48		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	24.40	24.37	24.34	25.2	0
3	QPSK	1	8	24.19	24.50	24.48		
3	QPSK	1	14	24.30	24.23	24.48		
3	QPSK	8	0	24.11	24.19	24.23	25.2	0
3	QPSK	8	4	24.04	24.20	24.02		
3	QPSK	8	7	24.08	24.23	24.25		
3	QPSK	15	0	24.41	24.35	24.02		
3	16QAM	1	0	24.27	24.18	24.11	25.2	0
3	16QAM	1	8	24.14	24.26	24.05		
3	16QAM	1	14	24.04	24.36	24.13		
3	16QAM	8	0	23.59	23.93	23.66	24.7	0.5
3	16QAM	8	4	23.75	23.99	23.86		
3	16QAM	8	7	23.68	23.80	24.02		
3	16QAM	15	0	23.63	23.84	23.84		
3	64QAM	1	0	23.50	23.68	23.48	24.7	0.5
3	64QAM	1	8	23.46	23.63	23.87		
3	64QAM	1	14	23.82	23.57	23.53		
3	64QAM	8	0	22.68	23.06	22.88	23.7	1.5
3	64QAM	8	4	22.98	22.95	22.86		
3	64QAM	8	7	22.76	22.84	22.99		
3	64QAM	15	0	22.74	22.70	23.04		
3	256QAM	1	0	19.60	19.83	19.90	20.7	4.5
3	256QAM	1	8	19.52	19.78	19.73		
3	256QAM	1	14	19.67	19.64	19.83		
3	256QAM	8	0	19.56	19.67	19.55	20.7	4.5
3	256QAM	8	4	19.39	19.63	19.43		
3	256QAM	8	7	19.38	19.75	19.56		
3	256QAM	15	0	19.78	19.88	19.46		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	24.33	24.50	24.46	25.2	0
1.4	QPSK	1	3	24.27	24.41	24.47		
1.4	QPSK	1	5	24.36	24.35	24.31		
1.4	QPSK	3	0	24.28	24.22	24.34		
1.4	QPSK	3	1	24.15	24.19	24.16		
1.4	QPSK	3	3	24.10	24.29	24.39		
1.4	QPSK	6	0	24.26	24.38	24.19	25.2	0
1.4	16QAM	1	0	24.15	24.26	24.05	25.2	0
1.4	16QAM	1	3	24.14	24.26	24.07		
1.4	16QAM	1	5	24.28	24.23	23.96		
1.4	16QAM	3	0	24.02	24.19	23.80		
1.4	16QAM	3	1	23.91	24.01	24.00		
1.4	16QAM	3	3	24.17	24.07	23.80		
1.4	16QAM	6	0	23.68	23.61	23.72	24.7	0.5
1.4	64QAM	1	0	23.49	23.74	23.66	24.7	0.5
1.4	64QAM	1	3	23.36	23.71	23.70		
1.4	64QAM	1	5	23.76	23.57	23.44		
1.4	64QAM	3	0	23.44	23.60	23.52		
1.4	64QAM	3	1	23.23	23.54	23.59		
1.4	64QAM	3	3	23.64	23.32	23.29		
1.4	64QAM	6	0	22.78	22.79	22.93	23.7	1.5
1.4	256QAM	1	0	19.56	19.82	19.93	20.7	4.5
1.4	256QAM	1	3	19.68	19.88	19.69		
1.4	256QAM	1	5	19.66	19.63	19.77		
1.4	256QAM	3	0	19.51	19.67	19.66		
1.4	256QAM	3	1	19.33	19.63	19.47		
1.4	256QAM	3	3	19.31	19.74	19.47		
1.4	256QAM	6	0	19.87	19.86	19.39	20.7	4.5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	21.33	21.42	21.29	22.8	0
20	QPSK	1	49	21.27	21.32	21.16		
20	QPSK	1	99	21.32	21.40	21.24		
20	QPSK	50	0	21.24	21.37	21.30	22.8	0
20	QPSK	50	24	21.15	21.28	21.20		
20	QPSK	50	50	21.22	21.18	21.30		
20	QPSK	100	0	21.23	21.31	21.29		
20	16QAM	1	0	21.27	21.35	21.28	22.8	0
20	16QAM	1	49	21.25	21.26	21.15		
20	16QAM	1	99	21.14	21.24	21.19		
20	16QAM	50	0	21.32	21.40	21.18	22.8	0
20	16QAM	50	24	21.26	21.32	21.18		
20	16QAM	50	50	21.27	21.38	21.23		
20	16QAM	100	0	21.26	21.40	21.35	22.8	0
20	64QAM	1	0	21.19	21.29	21.24		
20	64QAM	1	49	21.24	21.40	21.31		
20	64QAM	1	99	21.24	21.34	21.31		
20	64QAM	50	0	20.80	20.91	20.83	22.3	0.5
20	64QAM	50	24	20.78	20.92	20.73		
20	64QAM	50	50	20.65	20.77	20.67		
20	64QAM	100	0	20.73	20.84	20.78		
20	256QAM	1	0	17.68	17.80	17.66	19.3	3.5
20	256QAM	1	49	17.66	17.71	17.60		
20	256QAM	1	99	17.77	17.87	17.74		
20	256QAM	50	0	17.86	17.91	17.86	19.3	3.5
20	256QAM	50	24	17.72	17.84	17.69		
20	256QAM	50	50	17.72	17.82	17.85		
20	256QAM	100	0	18.83	18.88	18.85		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	21.33	21.37	21.19	22.8	0
15	QPSK	1	37	21.23	21.32	21.17		
15	QPSK	1	74	21.26	21.33	21.24		
15	QPSK	36	0	21.24	21.37	21.35	22.8	0
15	QPSK	36	20	21.17	21.30	21.19		
15	QPSK	36	39	21.18	21.30	21.30		
15	QPSK	75	0	21.19	21.33	21.29		
15	16QAM	1	0	21.26	21.38	21.25	22.8	0
15	16QAM	1	37	21.21	21.26	21.16		
15	16QAM	1	74	21.16	21.24	21.19		
15	16QAM	36	0	21.33	21.39	21.22	22.8	0
15	16QAM	36	20	21.29	21.32	21.14		
15	16QAM	36	39	21.27	21.36	21.26		
15	16QAM	75	0	21.25	21.36	21.36		
15	64QAM	1	0	21.18	21.30	21.21	22.8	0
15	64QAM	1	37	21.21	21.34	21.28		
15	64QAM	1	74	21.20	21.32	21.28		
15	64QAM	36	0	20.77	20.77	20.77	22.3	0.5
15	64QAM	36	20	20.66	20.74	20.65		
15	64QAM	36	39	20.51	20.71	20.57		
15	64QAM	75	0	20.62	20.80	20.71		
15	256QAM	1	0	17.56	17.77	17.52	19.3	3.5
15	256QAM	1	37	17.55	17.63	17.52		
15	256QAM	1	74	17.73	17.76	17.63		
15	256QAM	36	0	17.79	17.85	17.72	19.3	3.5
15	256QAM	36	20	17.65	17.79	17.56		
15	256QAM	36	39	17.69	17.74	17.60		
15	256QAM	75	0	18.80	18.75	18.77		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	21.32	21.39	21.20	22.8	0
10	QPSK	1	25	21.23	21.27	21.16		
10	QPSK	1	49	21.25	21.37	21.20		
10	QPSK	25	0	21.24	21.38	21.32	22.8	0
10	QPSK	25	12	21.16	21.30	21.18		
10	QPSK	25	25	21.19	21.34	21.31		
10	QPSK	50	0	21.21	21.33	21.25		
10	16QAM	1	0	21.30	21.35	21.26	22.8	0
10	16QAM	1	25	21.20	21.28	21.15		
10	16QAM	1	49	21.12	21.23	21.20		
10	16QAM	25	0	21.33	21.40	21.22	22.8	0
10	16QAM	25	12	21.28	21.29	21.18		
10	16QAM	25	25	21.29	21.36	21.24		
10	16QAM	50	0	21.26	21.36	21.35		
10	64QAM	1	0	21.16	21.29	21.24	22.8	0
10	64QAM	1	25	21.24	21.35	21.30		
10	64QAM	1	49	21.22	21.32	21.28		
10	64QAM	25	0	20.68	20.84	20.78	22.3	0.5
10	64QAM	25	12	20.67	20.78	20.67		
10	64QAM	25	25	20.59	20.64	20.56		
10	64QAM	50	0	20.68	20.73	20.63		
10	256QAM	1	0	17.55	17.75	17.60	19.3	3.5
10	256QAM	1	25	17.58	17.60	17.52		
10	256QAM	1	49	17.63	17.74	17.61		
10	256QAM	25	0	17.79	17.84	17.79	19.3	3.5
10	256QAM	25	12	17.60	17.80	17.60		
10	256QAM	25	25	17.72	17.82	17.77		
10	256QAM	50	0	18.70	18.74	18.80		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	21.33	21.38	21.19	22.8	0
5	QPSK	1	12	21.24	21.32	21.13		
5	QPSK	1	24	21.25	21.33	21.24		
5	QPSK	12	0	21.21	21.39	21.31	22.8	0
5	QPSK	12	7	21.15	21.28	21.23		
5	QPSK	12	13	21.22	21.37	21.30		
5	QPSK	25	0	21.20	21.32	21.24	22.8	0
5	16QAM	1	0	21.25	21.35	21.23		
5	16QAM	1	12	21.20	21.29	21.13		
5	16QAM	1	24	21.12	21.24	21.17		
5	16QAM	12	0	21.32	21.40	21.19	22.8	0
5	16QAM	12	7	21.27	21.33	21.16		
5	16QAM	12	13	21.25	21.37	21.25		
5	16QAM	25	0	21.28	21.38	21.36	22.8	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)				2580	2595	2610		
20	QPSK	1	0	22.11	22.30	22.12	23.2	0
20	QPSK	1	49	22.19	22.08	22.12		
20	QPSK	1	99	21.93	21.94	21.82		
20	QPSK	50	0	22.08	22.25	22.01	23.2	0
20	QPSK	50	24	22.01	22.02	21.88		
20	QPSK	50	50	22.04	22.24	21.90		
20	QPSK	100	0	22.02	22.16	21.99		
20	16QAM	1	0	22.07	22.07	22.12	23.2	0
20	16QAM	1	49	22.04	22.09	22.02		
20	16QAM	1	99	22.10	22.12	22.09		
20	16QAM	50	0	22.07	22.25	22.02	23.2	0
20	16QAM	50	24	22.08	22.03	22.06		
20	16QAM	50	50	22.15	22.18	21.91		
20	16QAM	100	0	22.03	22.19	22.21		
20	64QAM	1	0	22.15	22.12	22.25	23.2	0
20	64QAM	1	49	21.95	22.05	21.94		
20	64QAM	1	99	22.09	22.18	22.11		
20	64QAM	50	0	21.63	21.66	21.60	22.7	0.5
20	64QAM	50	24	21.62	21.58	21.52		
20	64QAM	50	50	21.53	21.55	21.32		
20	64QAM	100	0	21.47	21.70	21.46		
20	256QAM	1	0	18.40	18.60	18.55	19.7	3.5
20	256QAM	1	49	18.41	18.66	18.52		
20	256QAM	1	99	18.55	18.52	18.50		
20	256QAM	50	0	18.52	18.53	18.49	19.7	3.5
20	256QAM	50	24	18.65	18.69	18.58		
20	256QAM	50	50	18.35	18.60	18.42		
20	256QAM	100	0	18.57	18.68	18.50		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	21.86	22.16	21.85	23.2	0
15	QPSK	1	37	22.15	21.81	22.06		
15	QPSK	1	74	21.67	21.76	21.70		
15	QPSK	36	0	21.92	22.10	21.86	23.2	0
15	QPSK	36	20	21.78	21.78	21.70		
15	QPSK	36	39	21.89	22.05	21.73		
15	QPSK	75	0	21.79	22.10	21.81		
15	16QAM	1	0	21.89	21.89	21.88	23.2	0
15	16QAM	1	37	22.01	21.96	21.88		
15	16QAM	1	74	22.00	21.99	21.92		
15	16QAM	36	0	21.92	21.99	21.77	23.2	0
15	16QAM	36	20	21.81	21.90	21.81		
15	16QAM	36	39	22.03	21.91	21.69		
15	16QAM	75	0	21.82	22.14	22.13		
15	64QAM	1	0	21.97	21.90	21.98	23.2	0
15	64QAM	1	37	21.92	21.79	21.83		
15	64QAM	1	74	22.01	22.03	21.98		
15	64QAM	36	0	21.38	21.48	21.41	22.7	0.5
15	64QAM	36	20	21.53	21.51	21.48		
15	64QAM	36	39	21.49	21.35	21.20		
15	64QAM	75	0	21.43	21.63	21.27		
15	256QAM	1	0	18.33	18.38	18.52	19.7	3.5
15	256QAM	1	37	18.32	18.60	18.44		
15	256QAM	1	74	18.38	18.28	18.39		
15	256QAM	36	0	18.38	18.38	18.29	19.7	3.5
15	256QAM	36	20	18.39	18.49	18.51		
15	256QAM	36	39	18.14	18.44	18.18		
15	256QAM	75	0	18.44	18.48	18.40		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	21.93	22.16	22.06	23.2	0
10	QPSK	1	25	22.05	21.91	21.90		
10	QPSK	1	49	21.76	21.86	21.74		
10	QPSK	25	0	21.84	22.21	21.76	23.2	0
10	QPSK	25	12	21.88	21.87	21.76		
10	QPSK	25	25	22.01	22.00	21.76		
10	QPSK	50	0	21.95	21.93	21.75		
10	16QAM	1	0	21.83	21.87	21.90	23.2	0
10	16QAM	1	25	21.93	21.99	21.82		
10	16QAM	1	49	21.93	22.00	22.04		
10	16QAM	25	0	21.89	21.99	21.84	23.2	0
10	16QAM	25	12	21.85	21.97	21.89		
10	16QAM	25	25	21.99	22.13	21.71		
10	16QAM	50	0	21.90	22.13	22.13		
10	64QAM	1	0	21.99	21.86	21.99	23.2	0
10	64QAM	1	25	21.84	21.79	21.76		
10	64QAM	1	49	22.04	22.10	21.84		
10	64QAM	25	0	21.38	21.47	21.47	22.7	0.5
10	64QAM	25	12	21.48	21.33	21.43		
10	64QAM	25	25	21.29	21.49	21.23		
10	64QAM	50	0	21.24	21.54	21.30		
10	256QAM	1	0	18.22	18.50	18.26	19.7	3.5
10	256QAM	1	25	18.28	18.46	18.48		
10	256QAM	1	49	18.49	18.35	18.32		
10	256QAM	25	0	18.45	18.36	18.45	19.7	3.5
10	256QAM	25	12	18.40	18.56	18.47		
10	256QAM	25	25	18.14	18.40	18.21		
10	256QAM	50	0	18.38	18.59	18.42		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.04	22.14	21.92	23.2	0
5	QPSK	1	12	21.97	21.92	21.91		
5	QPSK	1	24	21.70	21.70	21.73		
5	QPSK	12	0	22.02	22.00	21.76	23.2	0
5	QPSK	12	7	21.97	21.78	21.82		
5	QPSK	12	13	21.97	22.03	21.78		
5	QPSK	25	0	21.81	21.96	21.88		
5	16QAM	1	0	21.91	22.01	21.98	23.2	0
5	16QAM	1	12	21.90	22.03	21.97		
5	16QAM	1	24	21.94	21.89	21.90		
5	16QAM	12	0	21.80	22.16	21.82	23.2	0
5	16QAM	12	7	21.81	21.81	21.88		
5	16QAM	12	13	22.11	22.09	21.79		
5	16QAM	25	0	21.90	22.13	22.14		
5	64QAM	1	0	21.99	21.93	22.16	23.2	0
5	64QAM	1	12	21.72	21.84	21.90		
5	64QAM	1	24	21.89	22.04	21.99		
5	64QAM	12	0	21.56	21.56	21.43	22.7	0.5
5	64QAM	12	7	21.42	21.52	21.48		
5	64QAM	12	13	21.42	21.41	21.09		
5	64QAM	25	0	21.43	21.50	21.41		
5	256QAM	1	0	18.24	18.43	18.37	19.7	3.5
5	256QAM	1	12	18.36	18.57	18.49		
5	256QAM	1	24	18.33	18.27	18.39		
5	256QAM	12	0	18.40	18.42	18.39	19.7	3.5
5	256QAM	12	7	18.60	18.66	18.33		
5	256QAM	12	13	18.20	18.38	18.24		
5	256QAM	25	0	18.31	18.53	18.37		

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BW [MHz]	Modulation	RB Size	RB Offset	for IC Power Low Ch. / Freq.	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				39790	39750	40185	40620	41055	41490		
Frequency (MHz)				2510	2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	23.15	23.18	23.19	23.33	23.09	22.89	24.4	0
20	QPSK	1	49	23.12	23.15	23.14	23.19	23.07	22.95		
20	QPSK	1	99	23.02	22.99	23.13	23.01	23.10	22.91		
20	QPSK	50	0	22.95	23.04	23.18	23.23	23.05	22.94	24.4	0
20	QPSK	50	24	23.18	23.16	23.07	23.14	22.89	22.85		
20	QPSK	50	50	23.03	23.08	22.89	23.15	23.08	22.96		
20	QPSK	100	0	23.02	22.89	22.93	23.20	22.95	22.83		
20	16QAM	1	0	23.05	23.19	22.94	23.00	23.03	23.00	24.4	0
20	16QAM	1	49	23.07	23.04	23.06	22.98	22.91	22.99		
20	16QAM	1	99	22.80	22.79	22.86	23.05	22.85	22.89		
20	16QAM	50	0	22.71	22.67	22.77	22.75	22.65	22.53	23.9	0.5
20	16QAM	50	24	22.61	22.55	22.54	22.80	22.55	22.54		
20	16QAM	50	50	22.59	22.46	22.56	22.61	22.69	22.54		
20	16QAM	100	0	22.40	22.52	22.64	22.62	22.47	22.52		
20	64QAM	1	0	22.71	22.56	22.52	22.73	22.42	22.43	23.9	0.5
20	64QAM	1	49	22.63	22.69	22.45	22.71	22.56	22.41		
20	64QAM	1	99	22.64	22.50	22.47	22.66	22.50	22.40		
20	64QAM	50	0	21.44	21.53	21.59	21.74	21.61	21.55	22.9	1.5
20	64QAM	50	24	21.67	21.77	21.67	21.73	21.48	21.35		
20	64QAM	50	50	21.55	21.54	21.30	21.66	21.59	21.46		
20	64QAM	100	0	21.42	21.51	21.45	21.72	21.42	21.35		
20	256QAM	1	0	18.58	18.72	18.69	18.84	18.54	18.50	19.9	4.5
20	256QAM	1	49	18.57	18.75	18.56	18.68	18.50	18.48		
20	256QAM	1	99	18.48	18.59	18.58	18.61	18.64	18.36		
20	256QAM	50	0	18.50	18.45	18.59	18.58	18.63	18.41	19.9	4.5
20	256QAM	50	24	18.61	18.66	18.61	18.68	18.38	18.39		
20	256QAM	50	50	18.47	18.67	18.30	18.64	18.64	18.55		
20	256QAM	100	0	18.62	18.36	18.40	18.61	18.36	18.25		
Channel				39765	39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	23.07	23.07	22.95	23.09	22.98	22.74	24.40	0
15	QPSK	1	37	23.03	23.08	23.05	22.95	22.80	22.79		
15	QPSK	1	74	22.76	22.93	22.96	22.91	22.85	22.71		
15	QPSK	36	0	22.79	22.78	23.00	22.88	22.88	22.74	24.4	0
15	QPSK	36	20	23.05	23.07	22.98	23.16	22.75	22.77		
15	QPSK	36	39	22.80	22.97	22.78	22.93	23.02	22.81		
15	QPSK	75	0	22.90	22.68	22.75	22.94	22.84	22.72		
15	16QAM	1	0	22.80	22.98	22.83	22.82	22.90	22.96	24.4	0
15	16QAM	1	37	22.90	22.78	22.86	22.71	22.71	22.82		
15	16QAM	1	74	22.74	22.53	22.70	22.95	22.79	22.77		
15	16QAM	36	0	22.60	22.51	22.56	22.53	22.48	22.41	23.9	0.5
15	16QAM	36	20	22.54	22.45	22.38	22.72	22.49	22.42		
15	16QAM	36	39	22.55	22.42	22.51	22.44	22.58	22.45		
15	16QAM	75	0	22.36	22.47	22.45	22.38	22.26	22.49		
15	64QAM	1	0	22.68	22.46	22.30	22.52	22.32	22.31	23.9	0.5
15	64QAM	1	37	22.50	22.62	22.33	22.68	22.52	22.32		
15	64QAM	1	74	22.57	22.23	22.23	22.44	22.45	22.30		
15	64QAM	36	0	21.20	21.31	21.33	21.62	21.42	21.32	22.9	1.5
15	64QAM	36	20	21.51	21.58	21.59	21.60	21.25	21.14		
15	64QAM	36	39	21.42	21.27	21.27	21.58	21.38	21.40		
15	64QAM	75	0	21.23	21.42	21.32	21.52	21.38	21.08		
15	256QAM	1	0	18.37	18.66	18.52	18.64	18.47	18.26	19.9	4.5
15	256QAM	1	37	18.34	18.48	18.34	18.54	18.46	18.35		
15	256QAM	1	74	18.25	18.45	18.36	18.57	18.61	18.17		
15	256QAM	36	0	18.35	18.41	18.50	18.45	18.43	18.28	19.9	4.5
15	256QAM	36	20	18.54	18.44	18.35	18.49	18.19	18.25		
15	256QAM	36	39	18.27	18.41	18.23	18.40	18.61	18.28		
15	256QAM	75	0	18.42	18.32	18.26	18.51	18.12	18.01		
Channel				39740	39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2501	2547	2593	2639	2685		
10	QPSK	1	0	23.02	22.96	22.91	22.97	22.98	22.71	24.40	0
10	QPSK	1	25	22.75	22.81	22.95	22.79	22.99	22.85		
10	QPSK	1	49	22.91	22.99	23.03	23.08	22.94	22.74		
10	QPSK	25	0	22.90	22.81	23.06	22.94	22.92	22.69	24.4	0
10	QPSK	25	12	23.09	23.02	23.00	22.99	22.64	22.78		
10	QPSK	25	25	22.97	22.98	22.72	23.02	22.90	22.85		
10	QPSK	50	0	22.91	22.74	22.72	23.03	22.78	22.68		
10	16QAM	1	0	22.97	23.07	23.01	23.12	22.84	22.81	24.4	0
10	16QAM	1	25	22.76	22.76	22.97	22.84	23.03	22.84		
10	16QAM	1	49	22.88	22.81	23.11	23.05	22.85	22.79		
10	16QAM	25	0	22.47	22.44	22.63	22.49	22.38	22.50	23.9	0.5
10	16QAM	25	12	22.47	22.31	22.41	22.61	22.33	22.47		
10	16QAM	25	25	22.52	22.24	22.52	22.51	22.63	22.29		
10	16QAM	50	0	22.13	22.29	22.47	22.57	22.37	22.33		
10	64QAM	1	0	22.45	22.43	22.37	22.62	22.27	22.36	23.9	0.5
10	64QAM	1	25	22.41	22.43	22.35	22.60	22.39	22.16		
10	64QAM	1	49	22.52	22.38	22.29	22.61	22.34	22.15		
10	64QAM	25	0	21.38	21.34	21.40	21.66	21.58	21.38	22.9	1.5
10	64QAM	25	12	21.56	21.55	21.60	21.65	21.21	21.29		
10	64QAM	25	25	21.34	21.33	21.19	21.46	21.48	21.20		
10	64QAM	50	0	21.29	21.37	21.29	21.62	21.16	21.24		
10	256QAM	1	0	18.50	18.62	18.39	18.45	18.30	18.28	19.9	4.5
10	256QAM	1	25	18.30	18.35	18.39	18.40	18.58	18.23		
10	256QAM	1	49	18.46	18.21	18.51	18.45	18.47	18.37		
10	256QAM	25	0	18.49	18.58	18.54	18.47	18.29	18.18	19.9	4.5
10	256QAM	25	12	18.42	18.44	18.24	18.61	18.55	18.29		
10	256QAM	25	25	18.43	18.27	18.24	18.49	18.13	18.22		
10	256QAM	50	0	18.56	18.28	18.18	18.55	18.13	18.08		
Channel				39715	39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2498.5	2545.8	2593	2640.20	2687.5		
5	QPSK	1	0	22.89	22.92	23.02	23.10	22.83	22.85	24.40	0
5	QPSK	1	12	22.94	22.90	23.04	22.79	22.95	22.75		
5	QPSK	1	24	22.81	22.95	23.01	23.03	22.84	22.83		
5	QPSK	12	0	22.82	22.96	23.03	23.02	22.96	22.69	24.4	0
5	QPSK	12	7	22.98	22.99	22.93	23.03	22.85	22.82		
5	QPSK	12	13	22.80	22.94	22.86	23.06	22.99	22.83		
5	QPSK	25	0	22.78	22.80	22.70	23.09	22.75	22.65		
5	16QAM	1	0	22.83	23.01	22.82	22.80	22.96	22.85	24.4	0
5	16QAM	1	12	22.94	22.81	22.98	22.77	22.87	22.88		
5	16QAM	1	24	22.68	22.69	22.61	22.94	22.72	22.73		
5	16QAM	12	0	22.51	22.54	22.65	22.67	22.45	22.48	23.9	0.5
5	16QAM	12	7	22.51	22.32	22.40	22.59	22.28	22.28		
5	16QAM	12	13	22.49	22.42	22.48	22.44	22.47	22.49		
5	16QAM	25	0	22.16	22.30	22.45	22.40	22.34	22.45		
5	64QAM	1	0	22.67	22.33	22.30	22.52	22.29	22.26	23.9	0.5
5	64QAM	1	12	22.41	22.56	22.33	22.53	22.32	22.25		
5	64QAM	1	24	22.38	22.37	22.32	22.42	22.42	22.23		
5	64QAM	12	0	21.40	21.39	21.40	21.53	21.53	21.36	22.9	1.5
5	64QAM	12	7	21.64	21.56	21.58	21.52	21.32	21.29		
5	64QAM	12	13	21.38	21.30	21.14	21.61	21.35	21.34		
5	64QAM	25	0	21.21	21.42	21.22	21.53	21.32	21.23		
5	256QAM	1	0	18.32	18.55	18.50	18.72	18.42	18.35	19.9	4.5
5	256QAM	1	12	18.45	18.48	18.46	18.43	18.35	18.42		
5	256QAM	1	24	18.44	18.53	18.32	18.42	18.46	18.22		
5	256QAM	12	0	18.35	18.18	18.43	18.45	18.43	18.16	19.9	4.5
5	256QAM	12	7	18.41	18.49	18.54	18.54	18.22	18.16		
5	256QAM	12	13	18.34	18.41	18.08	18.51	18.53	18.43		
5	256QAM	25	0	18.54	18.32	18.33	18.36	18.16	18.12		

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	32.79	32.74	32.91	34.00	23.79	23.74	23.91	25.00
GPRS 1 Tx slot	32.71	32.69	32.85	34.00	23.71	23.69	23.85	25.00
GPRS 2 Tx slots	29.81	29.67	29.72	31.00	23.81	23.67	23.72	25.00
GPRS 3 Tx slots	27.85	27.78	27.82	29.20	23.59	23.52	23.56	24.94
GPRS 4 Tx slots	26.42	26.44	26.33	28.00	23.42	23.44	23.33	25.00
EDGE 1 Tx slot	26.67	26.59	26.73	28.30	17.67	17.59	17.73	19.30
EDGE 2 Tx slots	23.62	23.57	23.62	25.30	17.62	17.57	17.62	19.30
EDGE 3 Tx slots	21.68	21.62	21.78	23.50	17.42	17.36	17.52	19.24
EDGE 4 Tx slots	20.56	20.51	20.68	22.30	17.56	17.51	17.68	19.30

WCDMA V Ant1 Default

Band		WCDMA V			Tune-up Limit (dBm)
TX Channel		4132	4182	4233	
Rx Channel		4357	4407	4458	
Frequency (MHz)		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	24.16	24.21	24.12	25.70
3GPP Rel 99	RMC 12.2Kbps	24.23	24.27	24.19	25.70
3GPP Rel 6	HSDPA Subtest-1	23.18	23.33	23.27	24.70
3GPP Rel 6	HSDPA Subtest-2	23.28	23.28	23.17	24.70
3GPP Rel 6	HSDPA Subtest-3	22.62	22.75	22.73	24.20
3GPP Rel 6	HSDPA Subtest-4	22.70	22.80	22.68	24.20
3GPP Rel 8	DC-HSDPA Subtest-1	23.27	23.39	23.20	24.70
3GPP Rel 8	DC-HSDPA Subtest-2	23.23	23.36	23.27	24.70
3GPP Rel 8	DC-HSDPA Subtest-3	22.65	22.87	22.75	24.20
3GPP Rel 8	DC-HSDPA Subtest-4	22.80	22.87	22.64	24.20
3GPP Rel 6	HSUPA Subtest-1	23.18	23.39	23.35	24.70
3GPP Rel 6	HSUPA Subtest-2	21.18	21.38	21.29	22.70
3GPP Rel 6	HSUPA Subtest-3	22.32	22.36	22.14	23.70
3GPP Rel 6	HSUPA Subtest-4	21.11	21.34	21.23	22.70
3GPP Rel 6	HSUPA Subtest-5	23.18	23.28	23.17	24.70
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.80	20.77	20.73	22.20

Band 5 Ant1 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	23.94	24.15	24.05	25.7	0
10	QPSK	1	25	23.96	24.09	23.90		
10	QPSK	1	49	23.90	24.05	23.96		
10	QPSK	25	0	24.00	24.09	23.96	25.7	0
10	QPSK	25	12	23.92	24.05	23.93		
10	QPSK	25	25	23.93	24.08	24.03		
10	QPSK	50	0	24.03	24.05	24.05		
10	16QAM	1	0	23.89	23.94	23.85	25.7	0
10	16QAM	1	25	23.79	23.89	23.78		
10	16QAM	1	49	23.78	23.83	23.73	24.7	1
10	16QAM	25	0	23.05	23.23	23.11		
10	16QAM	25	12	23.05	23.09	22.94		
10	16QAM	25	25	23.03	23.16	23.00		
10	16QAM	50	0	22.99	23.01	22.88		
10	64QAM	1	0	22.87	23.00	22.96	24.7	1
10	64QAM	1	25	22.74	22.85	22.75		
10	64QAM	1	49	22.81	22.94	22.92		
10	64QAM	25	0	21.94	22.07	22.04	23.7	2
10	64QAM	25	12	21.77	21.93	21.79		
10	64QAM	25	25	21.87	21.95	21.81		
10	64QAM	50	0	22.05	22.12	22.02		
10	256QAM	1	0	19.03	19.14	19.12	20.7	5
10	256QAM	1	25	18.95	19.06	18.98		
10	256QAM	1	49	19.04	19.09	19.00		
10	256QAM	25	0	19.02	19.11	19.03	20.7	5
10	256QAM	25	12	18.80	19.00	18.88		
10	256QAM	25	25	18.82	18.97	18.90		
10	256QAM	50	0	18.99	19.08	19.00		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	23.91	24.11	23.93	25.7	0
5	QPSK	1	12	23.85	24.01	23.85		
5	QPSK	1	24	23.78	23.97	23.87		
5	QPSK	12	0	23.92	24.05	23.92	25.7	0
5	QPSK	12	7	23.89	23.93	23.84		
5	QPSK	12	13	23.80	23.94	24.00		
5	QPSK	25	0	24.00	23.94	23.90		
5	16QAM	1	0	23.94	23.99	23.86	25.7	0
5	16QAM	1	12	23.84	23.95	23.87		
5	16QAM	1	24	23.80	23.78	23.78		
5	16QAM	12	0	23.00	23.29	23.11	24.7	1
5	16QAM	12	7	23.04	23.13	23.01		
5	16QAM	12	13	23.06	23.16	23.00		
5	16QAM	25	0	23.02	23.01	22.84		
5	64QAM	1	0	22.89	23.05	22.94	24.7	1
5	64QAM	1	12	22.72	22.88	22.78		
5	64QAM	1	24	22.85	22.92	22.94		
5	64QAM	12	0	21.90	22.12	22.00	23.7	2
5	64QAM	12	7	21.77	21.89	21.85		
5	64QAM	12	13	21.83	21.99	21.84		
5	64QAM	25	0	22.01	22.10	22.03		
5	256QAM	1	0	19.07	19.14	19.07	20.7	5
5	256QAM	1	12	19.00	19.09	18.98		
5	256QAM	1	24	18.99	19.13	19.04		
5	256QAM	12	0	19.06	19.14	19.08	20.7	5
5	256QAM	12	7	18.83	19.01	18.92		
5	256QAM	12	13	18.88	18.95	18.95		
5	256QAM	25	0	18.90	19.02	18.90		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	23.90	24.10	23.92	25.7	0
3	QPSK	1	8	23.90	24.03	23.77		
3	QPSK	1	14	23.80	24.00	23.83		
3	QPSK	8	0	23.89	23.98	23.88	25.7	0
3	QPSK	8	4	23.82	23.90	23.89		
3	QPSK	8	7	23.79	23.93	23.98		
3	QPSK	15	0	23.94	24.01	23.90		
3	16QAM	1	0	23.79	23.80	23.75	25.7	0
3	16QAM	1	8	23.78	23.80	23.74		
3	16QAM	1	14	23.75	23.74	23.72		
3	16QAM	8	0	22.96	23.18	23.06	24.7	1
3	16QAM	8	4	23.00	22.94	22.87		
3	16QAM	8	7	23.00	23.05	22.88		
3	16QAM	15	0	22.89	22.98	22.83		
3	64QAM	1	0	22.99	23.08	22.93	24.7	1
3	64QAM	1	8	22.94	22.98	23.00		
3	64QAM	1	14	22.79	22.81	22.78		
3	64QAM	8	0	21.90	21.98	21.93	23.7	2
3	64QAM	8	4	21.74	21.83	21.73		
3	64QAM	8	7	21.80	21.86	21.79		
3	64QAM	15	0	21.93	22.08	21.92		
3	256QAM	1	0	18.95	19.08	19.04	20.7	5
3	256QAM	1	8	18.83	19.00	18.94		
3	256QAM	1	14	18.97	18.94	18.87		
3	256QAM	8	0	18.92	18.98	18.89	20.7	5
3	256QAM	8	4	18.79	18.94	18.77		
3	256QAM	8	7	18.75	18.89	18.78		
3	256QAM	15	0	18.91	18.99	18.86		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	23.81	24.07	23.94	25.7	0
1.4	QPSK	1	3	23.90	24.02	23.82		
1.4	QPSK	1	5	23.85	24.00	23.85		
1.4	QPSK	3	0	23.96	24.03	23.82		
1.4	QPSK	3	1	23.84	23.91	23.83		
1.4	QPSK	3	3	23.82	23.97	23.93		
1.4	QPSK	6	0	23.95	24.05	23.98	25.7	0
1.4	16QAM	1	0	24.05	24.05	24.08	25.7	0
1.4	16QAM	1	3	23.88	23.93	23.87		
1.4	16QAM	1	5	23.83	23.91	23.82		
1.4	16QAM	3	0	23.76	23.84	23.75		
1.4	16QAM	3	1	23.88	24.05	23.95		
1.4	16QAM	3	3	23.91	23.86	23.70		
1.4	16QAM	6	0	23.82	24.01	23.78	24.7	1
1.4	64QAM	1	0	22.95	23.01	22.84	24.7	1
1.4	64QAM	1	3	22.90	22.95	22.93		
1.4	64QAM	1	5	22.74	22.90	22.77		
1.4	64QAM	3	0	22.76	22.94	22.91		
1.4	64QAM	3	1	22.89	23.11	23.09		
1.4	64QAM	3	3	22.84	22.88	22.76		
1.4	64QAM	6	0	22.83	22.97	22.83	23.7	2
1.4	256QAM	1	0	18.99	19.01	19.00	20.7	5
1.4	256QAM	1	3	18.92	18.93	18.83		
1.4	256QAM	1	5	18.91	19.01	18.96		
1.4	256QAM	3	0	18.92	19.03	19.00		
1.4	256QAM	3	1	18.71	18.91	18.81		
1.4	256QAM	3	3	18.77	18.84	18.82		
1.4	256QAM	6	0	18.87	18.93	18.92	20.7	5

Band 12 Ant1 Default

BW [MHz]	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	24.05	24.19	24.13	25.7	0
10	QPSK	1	25	24.01	24.12	23.91		
10	QPSK	1	49	24.00	24.03	23.88		
10	QPSK	25	0	24.08	24.14	24.06	25.7	0
10	QPSK	25	12	23.89	24.03	24.02		
10	QPSK	25	25	24.08	24.10	24.10		
10	QPSK	50	0	23.99	24.05	24.02		
10	16QAM	1	0	23.98	24.15	24.03	25.7	0
10	16QAM	1	25	24.02	24.02	23.93		
10	16QAM	1	49	23.92	23.98	23.94	24.7	1
10	16QAM	25	0	23.01	23.12	23.01		
10	16QAM	25	12	23.00	23.11	22.95		
10	16QAM	25	25	23.00	23.10	23.03		
10	16QAM	50	0	22.97	23.10	23.00		
10	64QAM	1	0	23.13	23.24	23.08	24.7	1
10	64QAM	1	25	23.07	23.15	23.02		
10	64QAM	1	49	23.04	23.15	23.01		
10	64QAM	25	0	21.94	22.00	21.97	23.7	2
10	64QAM	25	12	21.84	21.96	21.84		
10	64QAM	25	25	21.87	21.92	21.88		
10	64QAM	50	0	21.95	22.04	21.96		
10	256QAM	1	0	19.11	19.14	19.10	20.7	5
10	256QAM	1	25	18.98	19.11	19.04		
10	256QAM	1	49	19.07	19.14	19.03		
10	256QAM	25	0	18.95	19.03	18.92	20.7	5
10	256QAM	25	12	18.80	18.88	18.86		
10	256QAM	25	25	18.85	18.95	18.87		
10	256QAM	50	0	18.92	18.98	18.90		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	23.96	24.04	24.10	25.7	0
5	QPSK	1	12	23.97	23.98	23.77		
5	QPSK	1	24	23.93	23.97	23.85		
5	QPSK	12	0	24.01	24.00	23.97	25.7	0
5	QPSK	12	7	23.77	23.92	23.93		
5	QPSK	12	13	23.96	24.00	24.03		
5	QPSK	25	0	23.87	23.91	23.96		
5	16QAM	1	0	23.92	24.10	23.98	25.7	0
5	16QAM	1	12	23.95	23.97	23.88		
5	16QAM	1	24	23.87	23.93	23.89		
5	16QAM	12	0	22.86	23.07	22.95	24.7	1
5	16QAM	12	7	22.87	22.98	22.87		
5	16QAM	12	13	22.93	23.05	22.95		
5	16QAM	25	0	22.89	23.01	22.89		
5	64QAM	1	0	23.04	23.21	22.99	24.7	1
5	64QAM	1	12	22.93	23.07	22.96		
5	64QAM	1	24	23.01	23.01	22.88		
5	64QAM	12	0	21.86	21.88	21.89	23.7	2
5	64QAM	12	7	21.79	21.88	21.81		
5	64QAM	12	13	21.80	21.76	21.75		
5	64QAM	25	0	21.92	21.92	21.85		
5	256QAM	1	0	18.97	19.08	18.98	20.7	5
5	256QAM	1	12	18.91	19.03	18.93		
5	256QAM	1	24	18.97	19.04	18.94		
5	256QAM	12	0	18.87	18.92	18.83	20.7	5
5	256QAM	12	7	18.75	18.75	18.76		
5	256QAM	12	13	18.75	18.81	18.83		
5	256QAM	25	0	18.82	18.86	18.87		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	24.00	24.14	24.02	25.7	0
3	QPSK	1	8	23.97	23.98	23.82		
3	QPSK	1	14	23.90	23.97	23.79		
3	QPSK	8	0	23.99	24.08	24.02	25.7	0
3	QPSK	8	4	23.83	23.94	23.99		
3	QPSK	8	7	24.00	24.07	24.07		
3	QPSK	15	0	23.84	23.93	23.90		
3	16QAM	1	0	23.94	24.01	23.98	25.7	0
3	16QAM	1	8	23.98	23.93	23.87		
3	16QAM	1	14	23.80	23.93	23.81		
3	16QAM	8	0	22.94	23.06	22.93	24.7	1
3	16QAM	8	4	22.96	23.00	22.85		
3	16QAM	8	7	22.94	22.98	22.89		
3	16QAM	15	0	22.91	23.01	22.94		
3	64QAM	1	0	22.99	23.16	23.00	24.7	1
3	64QAM	1	8	23.04	23.10	22.88		
3	64QAM	1	14	22.90	23.04	22.93		
3	64QAM	8	0	21.82	21.94	21.89	23.7	2
3	64QAM	8	4	21.72	21.93	21.77		
3	64QAM	8	7	21.79	21.75	21.76		
3	64QAM	15	0	21.89	22.00	21.84		
3	256QAM	1	0	19.03	19.00	19.00	20.7	5
3	256QAM	1	8	18.88	18.96	18.97		
3	256QAM	1	14	18.97	19.04	18.95		
3	256QAM	8	0	18.85	18.96	18.85	20.7	5
3	256QAM	8	4	18.74	18.80	18.77		
3	256QAM	8	7	18.71	18.80	18.73		
3	256QAM	15	0	18.83	18.94	18.84		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	23.99	24.13	24.01	25.7	0
1.4	QPSK	1	3	23.87	24.01	23.76		
1.4	QPSK	1	5	23.87	23.90	23.81		
1.4	QPSK	3	0	23.95	24.03	23.99		
1.4	QPSK	3	1	23.82	23.95	23.95		
1.4	QPSK	3	3	23.96	24.02	24.07		
1.4	QPSK	6	0	23.91	23.97	23.95	25.7	0
1.4	16QAM	1	0	23.86	24.00	23.91	25.7	0
1.4	16QAM	1	3	23.87	23.88	23.83		
1.4	16QAM	1	5	23.82	23.90	23.80		
1.4	16QAM	3	0	23.89	24.03	23.94		
1.4	16QAM	3	1	23.83	23.97	23.82		
1.4	16QAM	3	3	23.91	24.01	23.89		
1.4	16QAM	6	0	22.92	22.99	22.90	24.7	1
1.4	64QAM	1	0	23.00	23.12	22.94	24.7	1
1.4	64QAM	1	3	22.95	23.12	22.96		
1.4	64QAM	1	5	22.94	23.01	22.97		
1.4	64QAM	3	0	22.80	22.92	22.89		
1.4	64QAM	3	1	22.72	22.86	22.75		
1.4	64QAM	3	3	22.81	22.72	22.74		
1.4	64QAM	6	0	21.82	21.90	21.85	23.7	2
1.4	256QAM	1	0	19.07	19.08	19.00	20.7	5
1.4	256QAM	1	3	18.88	18.96	18.94		
1.4	256QAM	1	5	18.97	19.09	18.97		
1.4	256QAM	3	0	18.84	18.88	18.86		
1.4	256QAM	3	1	18.84	18.78	18.73		
1.4	256QAM	3	3	18.75	18.86	18.80		
1.4	256QAM	6	0	18.78	18.91	18.77	20.7	5

Band 13 Ant1 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		24.18		25.7	0
10	QPSK	1	25		24.03			
10	QPSK	1	49		23.95			
10	QPSK	25	0		24.08		25.7	0
10	QPSK	25	12		24.00			
10	QPSK	25	25		24.00			
10	QPSK	50	0		23.94			
10	16QAM	1	0		24.16		25.7	0
10	16QAM	1	25		23.98			
10	16QAM	1	49		24.00			
10	16QAM	25	0		23.11		24.7	1
10	16QAM	25	12		23.08			
10	16QAM	25	25		23.01			
10	16QAM	50	0		23.05			
10	64QAM	1	0		23.14		24.7	1
10	64QAM	1	25		22.97			
10	64QAM	1	49		23.03			
10	64QAM	25	0		21.91		23.7	2
10	64QAM	25	12		21.89			
10	64QAM	25	25		21.84			
10	64QAM	50	0		22.00			
10	256QAM	1	0		19.03		20.7	5
10	256QAM	1	25		18.96			
10	256QAM	1	49		18.91			
10	256QAM	25	0		19.00		20.7	5
10	256QAM	25	12		18.91			
10	256QAM	25	25		18.88			
10	256QAM	50	0		18.88			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	23.99	24.09	24.05	25.7	0
5	QPSK	1	12	23.89	23.92	23.87		
5	QPSK	1	24	23.74	23.88	23.81		
5	QPSK	12	0	23.89	23.94	23.86	25.7	0
5	QPSK	12	7	23.88	23.91	23.81		
5	QPSK	12	13	23.85	23.93	23.84		
5	QPSK	25	0	23.73	23.79	23.79		
5	16QAM	1	0	23.99	24.06	23.97	25.7	0
5	16QAM	1	12	23.87	23.88	23.81		
5	16QAM	1	24	23.89	23.87	23.78		
5	16QAM	12	0	23.01	22.97	22.97	24.7	1
5	16QAM	12	7	22.99	22.94	22.90		
5	16QAM	12	13	22.89	22.95	22.82		
5	16QAM	25	0	22.92	22.99	22.94		
5	64QAM	1	0	22.99	23.03	22.97	24.7	1
5	64QAM	1	12	22.79	22.89	22.74		
5	64QAM	1	24	22.85	22.90	22.83		
5	64QAM	12	0	21.72	21.85	21.78	23.7	2
5	64QAM	12	7	21.74	21.77	21.75		
5	64QAM	12	13	21.79	21.78	21.74		
5	64QAM	25	0	21.77	21.92	21.82		
5	256QAM	1	0	18.84	18.98	18.88	20.7	5
5	256QAM	1	12	18.74	18.83	18.83		
5	256QAM	1	24	18.77	18.77	18.82		
5	256QAM	12	0	18.80	18.93	18.89	20.7	5
5	256QAM	12	7	18.73	18.83	18.71		
5	256QAM	12	13	18.73	18.79	18.76		
5	256QAM	25	0	18.71	18.74	18.71		

Band 17 Ant1 Default

BW [MHz]	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	24.27	24.43	24.25		
10	QPSK	1	25	24.13	24.19	24.21	25.7	0
10	QPSK	1	49	24.12	24.15	24.07		
10	QPSK	25	0	24.28	24.36	24.27		
10	QPSK	25	12	24.10	24.32	24.26	25.7	0
10	QPSK	25	25	24.28	24.34	24.29		
10	QPSK	50	0	24.12	24.31	24.20		
10	16QAM	1	0	24.28	24.41	24.28		
10	16QAM	1	25	24.27	24.37	24.20	25.7	0
10	16QAM	1	49	24.18	24.33	24.20		
10	16QAM	25	0	23.38	23.38	23.38		
10	16QAM	25	12	23.25	23.36	23.31	24.7	1
10	16QAM	25	25	23.20	23.36	23.21		
10	16QAM	50	0	23.22	23.28	23.23		
10	64QAM	1	0	23.36	23.41	23.28		
10	64QAM	1	25	23.40	23.40	23.33	24.7	1
10	64QAM	1	49	23.29	23.38	23.30		
10	64QAM	25	0	22.31	22.30	22.26		
10	64QAM	25	12	22.19	22.28	22.25	23.7	2
10	64QAM	25	25	22.04	22.16	22.11		
10	64QAM	50	0	22.24	22.32	22.27		
10	256QAM	1	0	19.27	19.33	19.25		
10	256QAM	1	25	19.23	19.32	19.23	20.7	5
10	256QAM	1	49	19.24	19.28	19.23		
10	256QAM	25	0	19.22	19.28	19.14		
10	256QAM	25	12	19.06	19.20	19.05	20.7	5
10	256QAM	25	25	19.08	19.09	19.09		
10	256QAM	50	0	19.17	19.24	19.17		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	24.16	24.38	24.19		
5	QPSK	1	12	24.02	24.11	24.08	25.7	0
5	QPSK	1	24	24.02	24.06	24.00		
5	QPSK	12	0	24.19	24.32	24.21		
5	QPSK	12	7	24.08	24.19	24.19	25.7	0
5	QPSK	12	13	24.14	24.24	24.22		
5	QPSK	25	0	24.08	24.19	24.10		
5	16QAM	1	0	24.19	24.36	24.20		
5	16QAM	1	12	24.20	24.29	24.14	25.7	0
5	16QAM	1	24	24.07	24.29	24.06		
5	16QAM	12	0	23.35	23.27	23.33		
5	16QAM	12	7	23.15	23.26	23.23	24.7	1
5	16QAM	12	13	23.15	23.28	23.10		
5	16QAM	25	0	23.12	23.21	23.12		
5	64QAM	1	0	23.32	23.28	23.15		
5	64QAM	1	12	23.33	23.27	23.27	24.7	1
5	64QAM	1	24	23.14	23.26	23.26		
5	64QAM	12	0	22.22	22.17	22.16		
5	64QAM	12	7	22.14	22.24	22.14	23.7	2
5	64QAM	12	13	22.04	22.06	22.01		
5	64QAM	25	0	22.14	22.28	22.17		
5	256QAM	1	0	19.17	19.23	19.16		
5	256QAM	1	12	19.13	19.26	19.09	20.7	5
5	256QAM	1	24	19.11	19.22	19.20		
5	256QAM	12	0	19.11	19.16	19.01		
5	256QAM	12	7	19.03	19.17	19.00	20.7	5
5	256QAM	12	13	19.18	19.19	19.09		
5	256QAM	25	0	19.05	19.12	19.06		

Band 26 Ant1 DSI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	24.01	24.18	24.06		
15	QPSK	1	37	24.07	24.07	24.00	25.7	0
15	QPSK	1	74	23.95	24.00	23.91		
15	QPSK	36	0	24.05	24.14	24.02		
15	QPSK	36	20	23.99	23.98	23.91	25.7	0
15	QPSK	36	39	23.99	24.02	23.93		
15	QPSK	75	0	23.91	23.98	23.94		
15	16QAM	1	0	24.02	24.05	24.00		
15	16QAM	1	37	23.88	23.98	23.89	25.7	0
15	16QAM	1	74	23.90	24.02	23.87		
15	16QAM	36	0	23.09	23.18	23.10		
15	16QAM	36	20	22.96	23.15	23.01	24.7	1
15	16QAM	36	39	23.02	23.12	23.05		
15	16QAM	75	0	23.07	23.13	22.96		
15	64QAM	1	0	23.08	23.27	23.14		
15	64QAM	1	37	23.11	23.15	23.17	24.7	1
15	64QAM	1	74	23.06	23.17	23.06		
15	64QAM	36	0	22.06	22.11	21.96		
15	64QAM	36	20	21.85	21.95	21.87	23.7	2
15	64QAM	36	39	21.96	22.04	22.07		
15	64QAM	75	0	22.13	22.11	21.99		
15	256QAM	1	0	19.13	19.15	19.09		
15	256QAM	1	37	18.95	19.09	19.00	20.7	5
15	256QAM	1	74	18.96	19.05	19.02		
15	256QAM	36	0	19.12	19.24	19.17		
15	256QAM	36	20	18.95	19.06	18.96	20.7	5
15	256QAM	36	39	19.13	19.14	19.10		
15	256QAM	75	0	19.05	19.18	19.08		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	23.96	24.07	23.91		
10	QPSK	1	25	24.03	23.97	23.96	25.7	0
10	QPSK	1	49	23.86	23.90	23.82		
10	QPSK	25	0	23.94	24.00	23.92		
10	QPSK	25	12	23.94	23.84	23.86	25.7	0
10	QPSK	25	25	23.87	23.90	23.80		
10	QPSK	50	0	23.88	23.95	23.83		
10	16QAM	1	0	23.87	23.99	23.92		
10	16QAM	1	25	23.80	23.93	23.83	25.7	0
10	16QAM	1	49	23.87	23.95	23.74		
10	16QAM	25	0	23.05	23.14	23.04		
10	16QAM	25	12	22.84	23.02	22.94	24.7	1
10	16QAM	25	25	22.91	23.06	23.02		
10	16QAM	50	0	22.93	23.09	22.90		
10	64QAM	1	0	22.97	23.18	23.06		
10	64QAM	1	25	22.99	23.10	23.06	24.7	1
10	64QAM	1	49	22.99	23.10	22.93		
10	64QAM	25	0	21.96	22.07	21.88		
10	64QAM	25	12	21.79	21.92	21.76	23.7	2
10	64QAM	25	25	21.86	21.94	21.93		
10	64QAM	50	0	22.03	21.98	21.88		
10	256QAM	1	0	18.98	19.09	19.01		
10	256QAM	1	25	18.83	18.94	18.86	20.7	5
10	256QAM	1	49	18.92	18.92	18.87		
10	256QAM	25	0	19.05	19.17	19.09		
10	256QAM	25	12	18.86	18.96	18.86	20.7	5
10	256QAM	25	25	19.09	19.10	19.02		
10	256QAM	50	0	18.99	19.04	18.93		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	23.87	24.00	23.98		
5	QPSK	1	12	23.93	23.99	23.85	25.7	0
5	QPSK	1	24	23.81	23.97	23.83		
5	QPSK	12	0	23.93	24.05	23.90		
5	QPSK	12	7	23.87	23.91	23.83	25.7	0
5	QPSK	12	13	23.92	23.93	23.90		
5	QPSK	25	0	23.81	23.86	23.87		
5	16QAM	1	0	23.90	23.92	23.90		
5	16QAM	1	12	23.84	23.92	23.85	25.7	0
5	16QAM	1	24	23.82	23.90	23.76		
5	16QAM	12	0	23.02	23.14	23.02		
5	16QAM	12	7	22.90	23.09	22.96	24.7	1
5	16QAM	12	13	22.88	23.03	22.99		
5	16QAM	25	0	22.96	23.06	22.88		
5	64QAM	1	0	23.04	23.22	23.06		
5	64QAM	1	12	22.99	23.08	23.10	24.7	1
5	64QAM	1	24	23.03	23.03	22.96		
5	64QAM	12	0	21.99	22.01	21.87		
5	64QAM	12	7	21.76	21.88	21.80	23.7	2
5	64QAM	12	13	21.90	22.01	22.03		
5	64QAM	25	0	22.10	22.08	21.91		
5	256QAM	1	0	19.06	19.02	19.05		
5	256QAM	1	12	18.81	18.97	18.90	20.7	5
5	256QAM	1	24	18.89	18.93	18.89		
5	256QAM	12	0	19.05	19.15	19.08		
5	256QAM	12	7	18.89	19.03	18.83	20.7	5
5	256QAM	12	13	19.07	19.06	19.01		
5	256QAM	25	0	18.97	19.05	18.94		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	23.86	24.08	24.01		
3	QPSK	1	8	24.03	23.97	23.95	25.7	0
3	QPSK	1	14	23.84	23.89	23.80		
3	QPSK	8	0	23.94	24.02	23.90		
3	QPSK	8	4	23.84	23.87	23.79	25.7	0
3	QPSK	8	7	23.92	23.94	23.82		
3	QPSK	15	0	23.79	23.90	23.85		
3	16QAM	1	0	23.94	24.01	23.87		
3	16QAM	1	8	23.80	23.88	23.86	25.7	0
3	16QAM	1	14	23.83	23.91	23.79		
3	16QAM	8	0	22.96	23.13	23.02		
3	16QAM	8	4	22.81	23.01	22.88	24.7	1
3	16QAM	8	7	22.91	23.03	22.91		
3	16QAM	15	0	22.92	23.08	22.84		
3	64QAM	1	0	22.95	23.16	23.06		
3	64QAM	1	8	23.04	23.03	23.10	24.7	1
3	64QAM	1	14	23.00	23.09	22.98		
3	64QAM	8	0	21.97	21.97	21.93		
3	64QAM	8	4	21.74	21.85	21.73	23.7	2
3	64QAM	8	7	21.82	21.96	21.98		
3	64QAM	15	0	22.08	22.02	21.85		
3	256QAM	1	0	19.08	19.07	18.94		
3	256QAM	1	8	18.91	18.94	18.86	20.7	5
3	256QAM	1	14	18.87	19.00	18.98		
3	256QAM	8	0	19.05	19.20	19.09		
3	256QAM	8	4	18.85	19.02	18.84	20.7	5
3	256QAM	8	7	19.09	19.07	19.03		
3	256QAM	15	0	19.01	19.13	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	23.87	24.13	24.01		
1.4	QPSK	1	3	24.03	23.96	23.97		
1.4	QPSK	1	5	23.88	23.97	23.78	25.7	0
1.4	QPSK	3	0	23.90	24.02	23.94		
1.4	QPSK	3	1	23.84	23.87	23.87		
1.4	QPSK	3	3	23.90	23.90	23.84		
1.4	QPSK	6	0	23.88	23.94	23.83	25.7	0
1.4	16QAM	1	0	23.98	23.93	23.93		
1.4	16QAM	1	3	23.74	23.84	23.80		
1.4	16QAM	1	5	23.80	23.88	23.77	25.7	0
1.4	16QAM	3	0	23.98	24.11	23.97		
1.4	16QAM	3	1	23.88	24.02	23.93		
1.4	16QAM	3	3	23.98	24.02	23.92		
1.4	16QAM	6	0	22.93	23.10	22.90	24.7	1
1.4	64QAM	1	0	23.02	23.23	23.08		
1.4	64QAM	1	3	22.96	23.03	23.03		
1.4	64QAM	1	5	23.00	23.09	22.96	24.7	1
1.4	64QAM	3	0	22.96	22.97	22.87		
1.4	64QAM	3	1	22.81	22.89	22.81		
1.4	64QAM	3	3	22.89	22.97	22.97		
1.4	64QAM	6	0	22.07	21.97	21.90	23.7	2
1.4	256QAM	1	0	19.04	19.09	19.04		
1.4	256QAM	1	3	18.82	18.99	18.90		
1.4	256QAM	1	5	18.90	18.99	18.94	20.7	5
1.4	256QAM	3	0	19.00	19.19	19.04		
1.4	256QAM	3	1	18.80	18.95	18.82		
1.4	256QAM	3	3	19.08	19.00	18.96		
1.4	256QAM	6	0	18.98	19.06	19.02	20.7	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				42190	42590	42990		
Frequency (MHz)				3440	3500	3540		
20	QPSK	1	0	22.42	22.60	22.47		
20	QPSK	1	49	22.47	22.51	22.40	24	0
20	QPSK	1	99	22.50	22.53	22.49		
20	QPSK	50	0	22.44	22.52	22.45		
20	QPSK	50	24	22.45	22.48	22.43	23	1
20	QPSK	50	50	22.42	22.50	22.45		
20	QPSK	100	0	22.37	22.47	22.40		
20	16QAM	1	0	22.38	22.41	22.31		
20	16QAM	1	49	22.21	22.32	22.24	23	1
20	16QAM	1	99	22.22	22.30	22.26		
20	16QAM	50	0	21.42	21.51	21.48		
20	16QAM	50	24	21.34	21.44	21.39	22	2
20	16QAM	50	50	21.35	21.42	21.39		
20	16QAM	100	0	21.37	21.48	21.38		
20	64QAM	1	0	21.37	21.45	21.37		
20	64QAM	1	49	21.34	21.37	21.34	22	2
20	64QAM	1	99	21.35	21.41	21.34		
20	64QAM	50	0	20.36	20.46	20.36		
20	64QAM	50	24	20.31	20.38	20.34	21	3
20	64QAM	50	50	20.35	20.40	20.31		
20	64QAM	100	0	20.46	20.51	20.41		
20	256QAM	1	0	17.48	17.59	17.50		
20	256QAM	1	49	17.44	17.54	17.48	19	5
20	256QAM	1	99	17.39	17.49	17.45		
20	256QAM	50	0	17.48	17.55	17.50		
20	256QAM	50	24	17.46	17.51	17.44	19	5
20	256QAM	50	50	17.40	17.47	17.43		
20	256QAM	100	0	17.48	17.58	17.52		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3437.5	3500	3562.5		
15	QPSK	1	0	22.31	22.49	22.40		
15	QPSK	1	37	22.40	22.37	22.32	24	0
15	QPSK	1	74	22.35	22.44	22.34		
15	QPSK	36	0	22.34	22.42	22.32		
15	QPSK	36	20	22.39	22.44	22.40	23	1
15	QPSK	36	39	22.36	22.35	22.37		
15	QPSK	75	0	22.30	22.40	22.35		
15	16QAM	1	0	22.25	22.34	22.20		
15	16QAM	1	37	22.12	22.25	22.12	23	1
15	16QAM	1	74	22.15	22.18	22.17		
15	16QAM	36	0	21.30	21.45	21.39		
15	16QAM	36	20	21.24	21.36	21.33	22	2
15	16QAM	36	39	21.28	21.38	21.25		
15	16QAM	75	0	21.24	21.38	21.25		
15	64QAM	1	0	21.22	21.41	21.26		
15	64QAM	1	37	21.21	21.25	21.28	22	2
15	64QAM	1	74	21.30	21.33	21.30		
15	64QAM	36	0	20.31	20.35	20.21		
15	64QAM	36	20	20.21	20.24	20.23	21	3
15	64QAM	36	39	20.25	20.33	20.28		
15	64QAM	75	0	20.31	20.37	20.36		
15	256QAM	1	0	17.39	17.46	17.43		
15	256QAM	1	37	17.32	17.40	17.36	19	5
15	256QAM	1	74	17.26	17.36	17.39		
15	256QAM	36	0	17.44	17.46	17.38		
15	256QAM	36	20	17.32	17.36	17.31	19	5
15	256QAM	36	39	17.29	17.33	17.31		
15	256QAM	75	0	17.42	17.45	17.39		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3435	3500	3565		
10	QPSK	1	0	22.39	22.56	22.34		
10	QPSK	1	25	22.42	22.42	22.28	24	0
10	QPSK	1	49	22.41	22.44	22.39		
10	QPSK	25	0	22.35	22.47	22.32		
10	QPSK	25	12	22.39	22.38	22.32	23	1
10	QPSK	25	25	22.30	22.44	22.36		
10	QPSK	50	0	22.32	22.35	22.32		
10	16QAM	1	0	22.27	22.35	22.20		
10	16QAM	1	25	22.12	22.27	22.15	23	1
10	16QAM	1	49	22.09	22.20	22.21		
10	16QAM	25	0	21.34	21.41	21.39		
10	16QAM	25	12	21.20	21.32	21.34	22	2
10	16QAM	25	25	21.22	21.29	21.32		
10	16QAM	50	0	21.30	21.36	21.35		
10	64QAM	1	0	21.31	21.41	21.23		
10	64QAM	1	25	21.25	21.30	21.23	22	2
10	64QAM	1	49	21.23	21.37	21.29		
10	64QAM	25	0	20.31	20.31	20.23		
10	64QAM	25	12	20.17	20.28	20.24	21	3
10	64QAM	25	25	20.24	20.34	20.22		
10	64QAM	50	0	20.39	20.39	20.29		
10	256QAM	1	0	17.36	17.46	17.35		
10	256QAM	1	25	17.37	17.45	17.41	19	5
10	256QAM	1	49	17.31	17.41	17.31		
10	256QAM	25	0	17.40	17.49	17.39		
10	256QAM	25	12	17.36	17.44	17.40	19	5
10	256QAM	25	25	17.35	17.34	17.37		
10	256QAM	50	0	17.37	17.52	17.40		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3432.5	3500	3567.5		
5	QPSK	1	0	22.30	22.48	22.37		
5	QPSK	1	12	22.41	22.37	22.33	24	0
5	QPSK	1	24	22.46	22.48	22.38		
5	QPSK	12	0	22.34	22.46	22.36		
5	QPSK	12	7	22.37	22.42	22.32	23	1
5	QPSK	12	13	22.35	22.40	22.37		
5	QPSK	25	0	22.31	22.37	22.30		
5	16QAM	1	0	22.32	22.31	22.28		
5	16QAM	1	12	22.17	22.27	22.16	23	1
5	16QAM	1	24	22.09	22.17	22.16		
5	16QAM	12	0	21.28	21.46	21.42		
5	16QAM	12	7	21.29	21.33	21.30	22	2
5	16QAM	12	13	21.31	21.30	21.27		
5	16QAM	25	0	21.30	21.33	21.29		
5	64QAM	1	0	21.26	21.35	21.25		
5	64QAM	1	12	21.31	21.27	21.24	22	2
5	64QAM	1	24	21.30	21.28	21.29		
5	64QAM	12	0	20.30	20.38	20.27		
5	64QAM	12	7	20.26	20.27	20.29	21	3
5	64QAM	12	13	20.24	20.32	20.28		
5	64QAM	25	0	20.32	20.48	20.33		
5	256QAM	1	0	17.44	17.56	17.35		
5	256QAM	1	12	17.34	17.47	17.42	19	5
5	256QAM	1	24	17.35	17.37	17.31		
5	256QAM	12	0	17.41	17.49	17.45		
5	256QAM	12	7	17.37	17.47	17.34	19	5
5	256QAM	12	13	17.26	17.36	17.29		
5	256QAM	25	0	17.40	17.53	17.47		

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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)				3680	3609	3641	3690		
20	QPSK	1	0	21.22	21.36	21.20	21.16		
20	QPSK	1	49	21.23	21.27	21.23	21.17	22.5	0
20	QPSK	1	99	21.16	21.26	21.20	21.19		
20	QPSK	50	0	21.30	21.35	21.25	21.30		
20	QPSK	50	24	21.20	21.29	21.22	21.24	22.5	0
20	QPSK	50	50	21.12	21.20	21.15	21.11		
20	QPSK	100	0	21.29	21.34	21.29	21.26		
20	16QAM	1	0	21.25	21.29	21.24	21.23		
20	16QAM	1	49	21.14	21.20	21.17	21.15	22.5	0
20	16QAM	1	99	21.21	21.25	21.12	21.15		
20	16QAM	50	0	20.28	20.39	20.30	20.30		
20	16QAM	50	24	20.29	20.33	20.29	20.22	21.5	1
20	16QAM	50	50	20.26	20.34	20.22	20.21		
20	16QAM	100	0	20.34	20.40	20.30	20.30		
20	64QAM	1	0	20.28	20.35	20.28	20.31		
20	64QAM	1	49	20.16	20.27	20.24	20.23	21.5	1
20	64QAM	1	99	20.23	20.27	20.19	20.18		
20	64QAM	50	0	19.31	19.38	19.34	19.29		
20	64QAM	50	24	19.18	19.27	19.27	19.23	20.5	2
20	64QAM	50	50	19.20	19.30	19.25	19.21		
20	64QAM	100	0	19.32	19.40	19.37	19.35		
20	256QAM	1	0	16.25	16.34	16.28	16.24		
20	256QAM	1	49	16.26	16.30	16.21	16.26	17.5	5
20	256QAM	1	99	16.17	16.25	16.21	16.21		
20	256QAM	50	0	16.31	16.37	16.31	16.33		
20	256QAM	50	24	16.28	16.33	16.19	16.28	17.5	5
20	256QAM	50	50	16.25	16.34	16.17	16.23		
20	256QAM	100	0	16.33	16.42	16.35	16.32		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3677.5	3608	3642	3692.5		
15	QPSK	1	0	21.17	21.31	21.12	21.06		
15	QPSK	1	37	21.14	21.23	21.18	21.06	22.5	0
15	QPSK	1	74	21.06	21.13	21.13	21.07		
15	QPSK	36	0	21.23	21.21	21.11	21.23		
15	QPSK	36	20	21.06	21.17	21.16	21.12	22.5	0
15	QPSK	36	39	21.09	21.15	21.09	21.02		
15	QPSK	75	0	21.26	21.26	21.26	21.14		
15	16QAM	1	0	21.13	21.19	21.20	21.10		
15	16QAM	1	37	21.08	21.08	21.10	21.03	22.5	0
15	16QAM	1	74	21.06	21.17	21.08	21.02		
15	16QAM	36	0	20.17	20.36	20.23	20.25		
15	16QAM	36	20	20.24	20.18	20.21	20.15	21.5	1
15	16QAM	36	39	20.22	20.21	20.08	20.12		
15	16QAM	75	0	20.22	20.27	20.21	20.25		
15	64QAM	1	0	20.17	20.28	20.19	20.28		
15	64QAM	1	37	20.02	20.13	20.15	20.09	21.5	1
15	64QAM	1	74	20.10	20.16	20.09	20.10		
15	64QAM	36	0	19.25	19.25	19.20	19.15		
15	64QAM	36	20	19.04	19.19	19.23	19.16	20.5	2
15	64QAM	36	39	19.17	19.15	19.16	19.18		
15	64QAM	75	0	19.28	19.36	19.24	19.29		
15	256QAM	1	0	16.11	16.20	16.19	16.19		
15	256QAM	1	37	16.20	16.25	16.15	16.21	17.5	5
15	256QAM	1	74	16.06	16.19	16.18	16.06		
15	256QAM	36	0	16.20	16.24	16.20	16.28		
15	256QAM	36	20	16.23	16.23	16.12	16.23	17.5	5
15	256QAM	36	39	16.21	16.22	16.04	16.16		
15	256QAM	75	0	16.26	16.33	16.30	16.25		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3675	3607.5	3642.5	3695		
10	QPSK	1	0	21.14	21.34	21.14	21.08		
10	QPSK	1	25	21.18	21.24	21.17	21.12	22.5	0
10	QPSK	1	49	21.12	21.15	21.09	21.08		
10	QPSK	25	0	21.23	21.21	21.21	21.25		
10	QPSK	25	12	21.17	21.18	21.16	21.11	22.5	0
10	QPSK	25	25	21.05	21.17	21.01	21.02		
10	QPSK	50	0	21.22	21.21	21.19	21.13		
10	16QAM	1	0	21.13	21.16	21.19	21.15		
10	16QAM	1	25	21.06	21.09	21.11	21.03	22.5	0
10	16QAM	1	49	21.06	21.21	20.98	21.04		
10	16QAM	25	0	20.19	20.34	20.27	20.21		
10	16QAM	25	12	20.24	20.26	20.19	20.12	21.5	1
10	16QAM	25	25	20.19	20.22	20.11	20.09		
10	16QAM	50	0	20.19	20.31	20.23	20.24		
10	64QAM	1	0	20.18	20.30	20.17	20.19		
10	64QAM	1	25	20.02	20.22	20.18	20.19	21.5	1
10	64QAM	1	49	20.11	20.12	20.14	20.14		
10	64QAM	25	0	19.21	19.27	19.30	19.17		
10	64QAM	25	12	19.14	19.22	19.15	19.09	20.5	2
10	64QAM	25	25	19.11	19.24	19.13	19.17		
10	64QAM	50	0	19.29	19.26	19.26	19.31		
10	256QAM	1	0	16.14	16.26	16.17	16.19		
10	256QAM	1	25	16.21	16.17	16.07	16.22	17.5	5
10	256QAM	1	49	16.03	16.15	16.06	16.10		
10	256QAM	25	0	16.22	16.32	16.19	16.21		
10	256QAM	25	12	16.17	16.22	16.14	16.17	17.5	5
10	256QAM	25	25	16.17	16.28	16.13	16.11		
10	256QAM	50	0	16.25	16.31	16.27	16.28		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3672.5	3607	3643	3697.5		
5	QPSK	1	0	21.11	21.28	21.12	21.03		
5	QPSK	1	12	21.08	21.12	21.16	21.10	22.5	0
5	QPSK	1	24	21.11	21.23	21.13	21.07		
5	QPSK	12	0	21.21	21.26	21.12	21.25		
5	QPSK	12	7	21.17	21.18	21.14	21.17	22.5	0
5	QPSK	12	13	20.98	21.15	21.08	21.08		
5	QPSK	25	0	21.17	21.25	21.25	21.13		
5	16QAM	1	0	21.17	21.14	21.18	21.13		
5	16QAM	1	12	21.04	21.17	21.05	21.06	22.5	0
5	16QAM	1	24	21.16	21.13	21.05	21.07		
5	16QAM	12	0	20.14	20.25	20.17	20.25		
5	16QAM	12	7	20.21	20.29	20.15	20.15	21.5	1
5	16QAM	12	13	20.19	20.30	20.09	20.12		
5	16QAM	25	0	20.28	20.32	20.24	20.26		
5	64QAM	1	0	20.17	20.23	20.23	20.25		
5	64QAM	1	12	20.11	20.24	20.14	20.09	21.5	1
5	64QAM	1	24	20.11	20.23	20.05	20.14		
5	64QAM	12	0	19.19	19.34	19.29	19.19		
5	64QAM	12	7	19.07	19.17	19.24	19.09	20.5	2
5	64QAM	12	13	19.17	19.16	19.11	19.06		
5	64QAM	25	0	19.28	19.32	19.23	19.32		
5	256QAM	1	0	16.17	16.27	16.23	16.13		
5	256QAM	1	12	16.21	16.25	16.08	16.13	17.5	5
5	256QAM	1	24	16.09	16.15	16.09	16.17		
5	256QAM	12	0	16.23	16.26	16.20	16.21		
5	256QAM	12	7	16.18	16.30	16.16	16.18	17.5	5
5	256QAM	12	13	16.21	16.23	16.12	16.13		
5	256QAM	25	0	16.22	16.33	16.27	16.20		

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	29.65	29.58	29.74	30.40	20.65	20.58	20.74	21.40
GPRS 1 Tx slot	29.59	29.51	29.66	30.40	20.59	20.51	20.66	21.40
GPRS 2 Tx slots	26.53	26.47	26.61	27.40	20.53	20.47	20.61	21.40
GPRS 3 Tx slots	24.65	24.48	24.65	25.60	20.39	20.22	20.39	21.34
GPRS 4 Tx slots	23.42	23.46	23.42	24.40	20.42	20.46	20.42	21.40
EDGE 1 Tx slot	25.25	25.09	25.26	26.40	16.25	16.09	16.26	17.40
EDGE 2 Tx slots	22.61	22.44	22.53	23.40	16.61	16.44	16.53	17.40
EDGE 3 Tx slots	20.51	20.47	20.65	21.60	16.25	16.21	16.39	17.34
EDGE 4 Tx slots	19.34	19.22	19.45	20.40	16.34	16.22	16.45	17.40

		WCDMA II Ant3 DSI3				WCDMA IV Ant3 DSI3			
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	21.26	21.18	21.04	22.10	21.16	21.16	21.07	21.90
3GPP Rel 99	RMC 12.2Kbps	21.12	21.27	21.05	22.10	21.14	21.21	21.20	21.90
3GPP Rel 6	HSDPA Subtest-1	20.08	20.33	20.29	21.10	20.14	20.15	20.34	20.90
3GPP Rel 6	HSDPA Subtest-2	20.25	20.25	19.98	21.10	20.24	20.29	19.99	20.90
3GPP Rel 6	HSDPA Subtest-3	19.66	19.70	19.75	20.60	19.62	19.75	19.82	20.40
3GPP Rel 6	HSDPA Subtest-4	19.69	19.88	19.61	20.60	19.49	19.92	19.74	20.40
3GPP Rel 8	DC-HSDPA Subtest-1	20.27	20.30	20.13	21.10	20.36	20.24	20.09	20.90
3GPP Rel 8	DC-HSDPA Subtest-2	20.09	20.24	20.16	21.10	20.19	20.35	20.30	20.90
3GPP Rel 8	DC-HSDPA Subtest-3	19.71	19.83	19.71	20.60	19.56	19.92	19.65	20.40
3GPP Rel 8	DC-HSDPA Subtest-4	19.72	19.78	19.77	20.60	19.75	19.80	19.86	20.40
3GPP Rel 6	HSUPA Subtest-1	20.23	20.42	20.39	21.10	20.23	20.44	20.28	20.90
3GPP Rel 6	HSUPA Subtest-2	18.15	18.41	18.26	19.10	18.27	18.42	18.20	18.90
3GPP Rel 6	HSUPA Subtest-3	19.20	19.45	19.05	20.10	19.29	19.39	19.20	19.90
3GPP Rel 6	HSUPA Subtest-4	18.06	18.20	18.16	19.10	17.97	18.16	18.26	18.90
3GPP Rel 6	HSUPA Subtest-5	20.18	20.07	19.99	21.10	20.20	20.16	20.16	20.90
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	17.81	17.69	17.65	18.60	17.76	17.61	17.72	18.40

Band 2 Ant3 DSI 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	22.02	22.13	22.02		
20	QPSK	1	49	21.79	21.87	21.76	22.6	0
20	QPSK	1	99	21.92	21.84	21.75		
20	QPSK	50	0	21.84	22.06	21.82		
20	QPSK	50	24	21.90	21.98	21.95	22.6	0
20	QPSK	50	50	21.95	21.98	21.85		
20	QPSK	100	0	21.93	22.02	21.94		
20	16QAM	1	0	21.84	21.86	21.82		
20	16QAM	1	49	21.77	21.91	21.80	22.6	0
20	16QAM	1	99	21.87	22.01	21.80		
20	16QAM	50	0	22.03	21.96	21.91		
20	16QAM	50	24	21.84	21.94	21.72	22.6	0
20	16QAM	50	50	21.86	21.98	21.75		
20	16QAM	100	0	21.95	21.99	21.92		
20	64QAM	1	0	21.77	21.97	21.99		
20	64QAM	1	49	21.86	21.94	21.83	22.6	0
20	64QAM	1	99	21.92	21.88	21.82		
20	64QAM	50	0	21.78	21.91	21.88		
20	64QAM	50	24	21.86	21.99	21.76	22.6	0
20	64QAM	50	50	21.79	21.91	21.73		
20	64QAM	100	0	21.85	21.84	21.68		
20	256QAM	1	0	19.87	20.04	19.84		
20	256QAM	1	49	19.81	20.01	19.86	20.6	2
20	256QAM	1	99	19.81	19.82	19.67		
20	256QAM	50	0	19.78	19.82	19.88		
20	256QAM	50	24	19.72	19.89	19.96	20.6	2
20	256QAM	50	50	19.73	19.96	19.67		
20	256QAM	100	0	19.82	19.91	19.75		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	21.86	21.90	21.87		
15	QPSK	1	37	21.68	21.65	21.56	22.6	0
15	QPSK	1	74	21.85	21.62	21.68		
15	QPSK	36	0	21.67	22.01	21.73		
15	QPSK	36	20	21.81	21.90	21.69	22.6	0
15	QPSK	36	39	21.86	21.84	21.76		
15	QPSK	75	0	21.68	21.97	21.70		
15	16QAM	1	0	21.79	21.81	21.67		
15	16QAM	1	37	21.71	21.82	21.66	22.6	0
15	16QAM	1	74	21.80	21.88	21.57		
15	16QAM	36	0	21.77	21.80	21.76		
15	16QAM	36	20	21.66	21.83	21.57	22.6	0
15	16QAM	36	39	21.59	21.86	21.66		
15	16QAM	75	0	21.83	21.91	21.85		
15	64QAM	1	0	21.71	21.72	21.88		
15	64QAM	1	37	21.78	21.74	21.69	22.6	0
15	64QAM	1	74	21.87	21.77	21.75		
15	64QAM	36	0	21.67	21.74	21.83		
15	64QAM	36	20	21.79	21.74	21.70	22.6	0
15	64QAM	36	39	21.59	21.84	21.70		
15	64QAM	75	0	21.78	21.70	21.51		
15	256QAM	1	0	19.83	19.98	19.75		
15	256QAM	1	37	19.57	19.95	19.65	20.6	2
15	256QAM	1	74	19.57	19.63	19.55		
15	256QAM	36	0	19.71	19.61	19.65		
15	256QAM	36	20	19.53	19.64	19.76	20.6	2
15	256QAM	36	39	19.64	19.89	19.60		
15	256QAM	75	0	19.64	19.68	19.53		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	21.91	21.96	21.81		
10	QPSK	1	25	21.68	21.75	21.73	22.6	0
10	QPSK	1	49	21.70	21.58	21.49		
10	QPSK	25	0	21.75	21.93	21.67		
10	QPSK	25	12	21.74	21.71	21.84	22.6	0
10	QPSK	25	25	21.72	21.94	21.67		
10	QPSK	50	0	21.83	21.92	21.85		
10	16QAM	1	0	21.64	21.74	21.55		
10	16QAM	1	25	21.73	21.82	21.64	22.6	0
10	16QAM	1	49	21.78	21.78	21.58		
10	16QAM	25	0	21.99	21.71	21.76		
10	16QAM	25	12	21.75	21.84	21.58	22.6	0
10	16QAM	25	25	21.73	21.95	21.54		
10	16QAM	50	0	21.69	21.77	21.77		
10	64QAM	1	0	21.51	21.92	21.84		
10	64QAM	1	25	21.61	21.73	21.67	22.6	0
10	64QAM	1	49	21.78	21.71	21.60		
10	64QAM	25	0	21.71	21.69	21.68		
10	64QAM	25	12	21.81	21.79	21.54	22.6	0
10	64QAM	25	25	21.56	21.86	21.54		
10	64QAM	50	0	21.71	21.67	21.43		
10	256QAM	1	0	19.61	20.00	19.79		
10	256QAM	1	25	19.69	19.80	19.82	20.6	2
10	256QAM	1	49	19.67	19.78	19.52		
10	256QAM	25	0	19.74	19.63	19.77		
10	256QAM	25	12	19.62	19.73	19.73	20.6	2
10	256QAM	25	25	19.67	19.88	19.54		
10	256QAM	50	0	19.63	19.80	19.63		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	21.83	21.89	21.95		
5	QPSK	1	12	21.57	21.66	21.71	22.6	0
5	QPSK	1	24	21.68	21.74	21.55		
5	QPSK	12	0	21.60	21.89	21.64		
5	QPSK	12	7	21.78	21.76	21.88	22.6	0
5	QPSK	12	13	21.76	21.85	21.81		
5	QPSK	25	0	21.87	21.81	21.84		
5	16QAM	1	0	21.75	21.69	21.78		
5	16QAM	1	12	21.61	21.88	21.69	22.6	0
5	16QAM	1	24	21.80	21.85	21.57		
5	16QAM	12	0	21.99	21.91	21.81		
5	16QAM	12	7	21.79	21.77	21.51	22.6	0
5	16QAM	12	13	21.65	21.75	21.70		
5	16QAM	25	0	21.77	21.78	21.75		
5	64QAM	1	0	21.72	21.90	21.73		
5	64QAM	1	12	21.61	21.88	21.65	22.6	0
5	64QAM	1	24	21.88	21.66	21.61		
5	64QAM	12	0	21.55	21.68	21.64		
5	64QAM	12	7	21.69	21.73	21.62	22.6	0
5	64QAM	12	13	21.56	21.74	21.53		
5	64QAM	25	0	21.76	21.78	21.43		
5	256QAM	1	0	19.65	19.91	19.60		
5	256QAM	1	12	19.67	19.86	19.69	20.6	2
5	256QAM	1	24	19.64	19.69	19.61		
5	256QAM	12	0	19.51	19.76	19.84		
5	256QAM	12	7	19.64	19.64	19.70	20.6	2
5	256QAM	12	13	19.60	19.90	19.42		
5	256QAM	25	0	19.77	19.71	19.50		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	21.80	21.95	21.98		
3	QPSK	1	8	21.57	21.77	21.51	22.6	0
3	QPSK	1	14	21.84	21.63	21.63		
3	QPSK	8	0	21.78	21.82	21.79		
3	QPSK	8	4	21.71	21.95	21.81	22.6	0
3	QPSK	8	7	21.80	21.86	21.72		
3	QPSK	15	0	21.78	21.93	21.78		
3	16QAM	1	0	21.61	21.71	21.78		
3	16QAM	1	8	21.58	21.75	21.62	22.6	0
3	16QAM	1	14	21.63	21.80	21.62		
3	16QAM	8	0	21.98	21.90	21.68		
3	16QAM	8	4	21.63	21.89	21.66	22.6	0
3	16QAM	8	7	21.68	21.74	21.69		
3	16QAM	15	0	21.74	21.77	21.69		
3	64QAM	1	0	21.55	21.80	21.79		
3	64QAM	1	8	21.78	21.71	21.79	22.6	0
3	64QAM	1	14	21.76	21.66	21.58		
3	64QAM	8	0	21.68	21.82	21.82		
3	64QAM	8	4	21.70	21.94	21.57	22.6	0
3	64QAM	8	7	21.73	21.80	21.60		
3	64QAM	15	0	21.81	21.80	21.51		
3	256QAM	1	0	19.72	19.93	19.60		
3	256QAM	1	8	19.69	19.81	19.66	20.6	2
3	256QAM	1	14	19.74	19.73	19.52		
3	256QAM	8	0	19.62	19.56	19.84		
3	256QAM	8	4	19.65	19.71	19.77	20.6	2
3	256QAM	8	7	19.55	19.76	19.41		
3	256QAM	15	0	19.68	19.89	19.50		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	21.98	21.92	21.92		
1.4	QPSK	1	3	21.59	21.63	21.67		
1.4	QPSK	1	5	21.83	21.63	21.56	22.6	0
1.4	QPSK	3	0	21.61	21.87	21.63		
1.4	QPSK	3	1	21.72	21.81	21.71		
1.4	QPSK	3	3	21.80	21.75	21.62		
1.4	QPSK	6	0	21.86	21.85	21.73	22.6	0
1.4	16QAM	1	0	21.70	21.61	21.58		
1.4	16QAM	1	3	21.66	21.83	21.58		
1.4	16QAM	1	5	21.83	21.94	21.54	22.6	0
1.4	16QAM	3	0	21.88	21.90	21.85		
1.4	16QAM	3	1	21.73	21.82	21.64		
1.4	16QAM	3	3	21.60	21.85	21.64		
1.4	16QAM	6	0	21.80	21.72	21.66	22.6	0
1.4	64QAM	1	0	21.52	21.93	21.92		
1.4	64QAM	1	3	21.65	21.74	21.75		
1.4	64QAM	1	5	21.71	21.75	21.69	22.6	0
1.4	64QAM	3	0	21.69	21.86	21.63		
1.4	64QAM	3	1	21.77	21.94	21.69		
1.4	64QAM	3	3	21.68	21.87	21.49		
1.4	64QAM	6	0	21.67	21.60	21.46	22.6	0
1.4	256QAM	1	0	19.67	19.78	19.74		
1.4	256QAM	1	3	19.66	19.94	19.83		
1.4	256QAM	1	5	19.69	19.63	19.59	20.6	2
1.4	256QAM	3	0	19.75	19.61	19.72		
1.4	256QAM	3	1	19.59	19.64	19.73		
1.4	256QAM	3	3	19.59	19.74	19.58		
1.4	256QAM	6	0	19.62	19.67	19.71	20.6	2

Band 4 Ant3 DSI 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	22.08	22.22	22.21		
20	QPSK	1	49	21.86	22.08	21.88	22.5	0
20	QPSK	1	99	22.09	21.85	21.79		
20	QPSK	50	0	21.85	22.21	22.00		
20	QPSK	50	24	21.95	22.18	22.13	22.5	0
20	QPSK	50	50	22.09	22.01	21.89		
20	QPSK	100	0	22.01	22.12	22.02		
20	16QAM	1	0	21.89	22.01	21.83		
20	16QAM	1	49	21.89	22.08	21.93	22.5	0
20	16QAM	1	99	22.06	22.16	21.98		
20	16QAM	50	0	22.13	21.95	21.98		
20	16QAM	50	24	22.06	21.95	21.76	22.5	0
20	16QAM	50	50	22.07	22.03	21.85		
20	16QAM	100	0	22.16	21.97	21.93		
20	64QAM	1	0	21.87	22.08	22.02		
20	64QAM	1	49	22.08	22.10	21.99	22.5	0
20	64QAM	1	99	21.98	21.94	21.94		
20	64QAM	50	0	21.89	21.94	21.90		
20	64QAM	50	24	22.01	22.10	21.79	22.5	0
20	64QAM	50	50	21.83	22.13	21.78		
20	64QAM	100	0	21.94	21.86	21.89		
20	256QAM	1	0	19.86	20.04	19.92		
20	256QAM	1	49	20.03	20.14	20.04	20.5	2
20	256QAM	1	99	19.86	20.03	19.70		
20	256QAM	50	0	19.84	19.92	19.98		
20	256QAM	50	24	19.81	20.04	20.05	20.5	2
20	256QAM	50	50	19.85	20.04	19.83		
20	256QAM	100	0	19.95	19.94	19.73		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.04	22.09	22.05		
15	QPSK	1	37	21.89	21.96	21.92	22.5	0
15	QPSK	1	74	22.14	21.92	21.78		
15	QPSK	36	0	22.05	22.15	21.84		
15	QPSK	36	20	21.97	22.13	21.94	22.5	0
15	QPSK	36	39	21.95	22.00	21.88		
15	QPSK	75	0	22.12	22.19	22.04		
15	16QAM	1	0	21.93	21.87	21.95		
15	16QAM	1	37	21.88	22.05	21.84	22.5	0
15	16QAM	1	74	22.08	22.21	21.98		
15	16QAM	36	0	22.18	22.17	21.94		
15	16QAM	36	20	21.91	22.05	21.92	22.5	0
15	16QAM	36	39	21.96	22.06	21.89		
15	16QAM	75	0	22.03	22.10	22.03		
15	64QAM	1	0	21.85	22.00	21.99		
15	64QAM	1	37	21.99	22.08	21.86	22.5	0
15	64QAM	1	74	22.12	21.86	21.81		
15	64QAM	36	0	21.94	21.97	21.89		
15	64QAM	36	20	21.99	22.03	21.79	22.5	0
15	64QAM	36	39	21.81	21.99	21.83		
15	64QAM	75	0	21.87	22.00	21.73		
15	256QAM	1	0	20.05	20.11	19.94		
15	256QAM	1	37	19.98	20.20	19.87	20.5	2
15	256QAM	1	74	20.00	19.98	19.77		
15	256QAM	36	0	19.97	19.91	20.02		
15	256QAM	36	20	19.76	20.00	20.10	20.5	2
15	256QAM	36	39	19.91	19.97	19.70		
15	256QAM	75	0	19.82	19.97	19.82		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.05	22.21	22.02		
10	QPSK	1	25	21.95	21.96	21.75	22.5	0
10	QPSK	1	49	21.95	21.92	21.77		
10	QPSK	25	0	22.04	22.12	21.99		
10	QPSK	25	12	21.94	21.99	21.95	22.5	0
10	QPSK	25	25	21.93	22.08	21.93		
10	QPSK	50	0	22.15	22.20	22.05		
10	16QAM	1	0	22.01	21.85	21.81		
10	16QAM	1	25	21.96	21.96	21.96	22.5	0
10	16QAM	1	49	22.08	22.08	21.97		
10	16QAM	25	0	22.16	22.02	22.03		
10	16QAM	25	12	22.02	22.07	21.73	22.5	0
10	16QAM	25	25	22.02	22.07	21.76		
10	16QAM	50	0	21.96	22.12	22.03		
10	64QAM	1	0	21.80	22.01	22.10		
10	64QAM	1	25	21.92	22.16	21.84	22.5	0
10	64QAM	1	49	22.14	21.89	22.00		
10	64QAM	25	0	21.97	22.00	22.06		
10	64QAM	25	12	21.94	22.10	21.76	22.5	0
10	64QAM	25	25	21.89	21.99	21.82		
10	64QAM	50	0	21.89	21.94	21.82		
10	256QAM	1	0	19.93	20.04	19.86		
10	256QAM	1	25	19.82	20.08	20.00	20.5	2
10	256QAM	1	49	20.00	19.91	19.79		
10	256QAM	25	0	19.89	19.87	19.90		
10	256QAM	25	12	19.79	20.04	20.09	20.5	2
10	256QAM	25	25	19.90	20.07	19.68		
10	256QAM	50	0	19.91	20.10	19.81		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.01	22.19	22.02		
5	QPSK	1	12	21.89	21.98	21.97	22.5	0
5	QPSK	1	24	21.91	21.88	21.82		
5	QPSK	12	0	22.01	22.12	22.00		
5	QPSK	12	7	21.96	22.19	22.12	22.5	0
5	QPSK	12	13	21.96	22.03	21.96		
5	QPSK	25	0	22.13	22.01	21.94		
5	16QAM	1	0	22.03	21.84	21.90		
5	16QAM	1	12	21.83	21.94	22.00	22.5	0
5	16QAM	1	24	21.95	22.05	21.86		
5	16QAM	12	0	22.01	22.06	21.91		
5	16QAM	12	7	21.99	22.15	21.86	22.5	0
5	16QAM	12	13	21.94	22.13	21.74		
5	16QAM	25	0	22.08	22.20	22.14		
5	64QAM	1	0	21.87	22.01	22.06		
5	64QAM	1	12	21.85	21.92	21.98	22.5	0
5	64QAM	1	24	22.10	21.99	22.02		
5	64QAM	12	0	21.83	22.04	21.89		
5	64QAM	12	7	21.94	22.05	21.96	22.5	0
5	64QAM	12	13	21.91	22.10	21.91		
5	64QAM	25	0	22.01	21.90	21.99		
5	256QAM	1	0	19.89	20.13	20.01		
5	256QAM	1	12	19.83	20.03	19.85	20.5	2
5	256QAM	1	24	19.86	19.94	19.84		
5	256QAM	12	0	19.93	19.96	20.07		
5	256QAM	12	7	19.85	20.06	20.03	20.5	2
5	256QAM	12	13	19.80	20.03	19.67		
5	256QAM	25	0	19.92	19.91	19.88		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.05	22.21	22.04		
3	QPSK	1	8	21.86	22.00	21.96	22.5	0
3	QPSK	1	14	22.11	21.95	21.94		
3	QPSK	8	0	21.96	22.11	21.87		
3	QPSK	8	4	21.99	22.17	22.12	22.5	0
3	QPSK	8	7	22.14	21.97	22.06		
3	QPSK	15	0	22.08	22.10	22.05		
3	16QAM	1	0	21.99	21.85	21.96		
3	16QAM	1	8	21.95	21.97	21.86	22.5	0
3	16QAM	1	14	21.97	22.19	21.91		
3	16QAM	8	0	22.13	21.94	22.11		
3	16QAM	8	4	21.87	22.03	21.92	22.5	0
3	16QAM	8	7	21.84	22.03	21.78		
3	16QAM	15	0	22.00	22.13	22.13		
3	64QAM	1	0	21.80	22.11	22.17		
3	64QAM	1	8	21.98	22.03	21.99	22.5	0
3	64QAM	1	14	22.00	21.94	21.90		
3	64QAM	8	0	21.83	22.08	22.06		
3	64QAM	8	4	21.86	22.06	21.80	22.5	0
3	64QAM	8	7	21.91	22.09	21.75		
3	64QAM	15	0	21.86	22.04	21.79		
3	256QAM	1	0	20.00	20.14	20.03		
3	256QAM	1	8	19.86	20.19	20.01	20.5	2
3	256QAM	1	14	19.85	19.88	19.74		
3	256QAM	8	0	19.89	19.98	19.88		
3	256QAM	8	4	19.78	20.00	20.17	20.5	2
3	256QAM	8	7	19.86	20.13	19.79		
3	256QAM	15	0	19.85	19.98	19.83		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.10	22.14	22.03		
1.4	QPSK	1	3	21.78	22.06	21.76		
1.4	QPSK	1	5	22.11	21.94	21.93	22.5	0
1.4	QPSK	3	0	21.98	22.19	21.99		
1.4	QPSK	3	1	22.06	21.96	22.05		
1.4	QPSK	3	3	22.06	22.20	21.94		
1.4	QPSK	6	0	22.11	22.05	22.06	22.5	0
1.4	16QAM	1	0	22.04	22.00	21.85		
1.4	16QAM	1	3	21.98	22.00	21.87		
1.4	16QAM	1	5	22.01	22.14	21.95	22.5	0
1.4	16QAM	3	0	22.15	22.08	21.96		
1.4	16QAM	3	1	21.90	22.12	21.92		
1.4	16QAM	3	3	21.96	22.14	21.82		
1.4	16QAM	6	0	21.93	22.03	22.13	22.5	0
1.4	64QAM	1	0	21.79	22.11	22.12		
1.4	64QAM	1	3	21.87	22.14	21.92		
1.4	64QAM	1	5	21.90	22.06	21.96	22.5	0
1.4	64QAM	3	0	21.99	22.00	22.01		
1.4	64QAM	3	1	22.01	22.07	21.95		
1.4	64QAM	3	3	21.78	21.98	21.94		
1.4	64QAM	6	0	21.95	22.02	21.78	22.5	0
1.4	256QAM	1	0	19.95	20.16	19.87		
1.4	256QAM	1	3	19.97	20.16	19.90		
1.4	256QAM	1	5	19.81	19.94	19.73	20.5	2
1.4	256QAM	3	0	19.79	19.82	19.98		
1.4	256QAM	3	1	19.82	20.05	20.01		
1.4	256QAM	3	3	19.85	20.06	19.75		
1.4	256QAM	6	0	19.98	19.97	19.74	20.5	2

Band 7 Ant3 DSI 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	18.58	18.82	18.81		
20	QPSK	1	49	18.48	18.61	18.59	19.2	0
20	QPSK	1	99	18.57	18.57	18.40		
20	QPSK	50	0	18.54	18.68	18.58		
20	QPSK	50	24	18.59	18.67	18.52	19.2	0
20	QPSK	50	50	18.54	18.65	18.45		
20	QPSK	100	0	18.36	18.56	18.44		
20	16QAM	1	0	18.55	18.64	18.65		
20	16QAM	1	49	18.54	18.71	18.46	19.2	0
20	16QA

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BW [MHz]	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	20.76	20.83	20.54	21.1	0
20	QPSK	1	49	20.73	20.65	20.53		
20	QPSK	1	99	20.58	20.67	20.49		
20	QPSK	50	0	20.67	20.70	20.68	21.1	0
20	QPSK	50	24	20.68	20.68	20.67		
20	QPSK	50	50	20.52	20.61	20.61		
20	QPSK	100	0	20.70	20.72	20.61		
20	16QAM	1	0	20.71	20.76	20.63	21.1	0
20	16QAM	1	49	20.55	20.72	20.57		
20	16QAM	1	99	20.45	20.56	20.48		
20	16QAM	50	0	20.79	20.82	20.58	21.1	0
20	16QAM	50	24	20.68	20.69	20.49		
20	16QAM	50	50	20.57	20.64	20.61		
20	16QAM	100	0	20.58	20.68	20.78		
20	64QAM	1	0	20.65	20.72	20.71	21.1	0
20	64QAM	1	49	20.44	20.66	20.54		
20	64QAM	1	99	20.66	20.76	20.54		
20	64QAM	50	0	20.70	20.71	20.64	21.1	0
20	64QAM	50	24	20.47	20.64	20.68		
20	64QAM	50	50	20.42	20.67	20.52		
20	64QAM	100	0	20.51	20.57	20.55		
20	256QAM	1	0	20.13	20.33	20.15	20.6	0.5
20	256QAM	1	49	20.16	20.17	20.23		
20	256QAM	1	99	19.95	20.10	20.15		
20	256QAM	50	0	20.07	20.21	20.16	20.6	0.5
20	256QAM	50	24	20.25	20.19	20.24		
20	256QAM	50	50	19.96	20.09	20.08		
20	256QAM	100	0	20.03	20.14	19.94		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	20.68	20.71	20.42	21.1	0
15	QPSK	1	37	20.57	20.50	20.41		
15	QPSK	1	74	20.52	20.51	20.41		
15	QPSK	36	0	20.61	20.65	20.59	21.1	0
15	QPSK	36	20	20.53	20.51	20.63		
15	QPSK	36	39	20.44	20.47	20.56		
15	QPSK	75	0	20.62	20.64	20.51		
15	16QAM	1	0	20.67	20.69	20.58	21.1	0
15	16QAM	1	37	20.50	20.62	20.50		
15	16QAM	1	74	20.29	20.51	20.43		
15	16QAM	36	0	20.76	20.79	20.45	21.1	0
15	16QAM	36	20	20.64	20.65	20.39		
15	16QAM	36	39	20.46	20.48	20.58		
15	16QAM	75	0	20.48	20.62	20.61		
15	64QAM	1	0	20.54	20.55	20.61	21.1	0
15	64QAM	1	37	20.34	20.52	20.40		
15	64QAM	1	74	20.63	20.59	20.42		
15	64QAM	36	0	20.67	20.60	20.55	21.1	0
15	64QAM	36	20	20.39	20.60	20.53		
15	64QAM	36	39	20.28	20.63	20.47		
15	64QAM	75	0	20.33	20.42	20.51		
15	256QAM	1	0	20.07	20.29	20.02	20.6	0.5
15	256QAM	1	37	19.99	20.13	20.08		
15	256QAM	1	74	19.80	19.93	19.97		
15	256QAM	36	0	19.98	20.09	20.02	20.6	0.5
15	256QAM	36	20	20.11	20.03	20.08		
15	256QAM	36	39	19.88	19.94	19.90		
15	256QAM	75	0	19.90	20.11	19.91		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	20.71	20.78	20.37	21.1	0
10	QPSK	1	25	20.68	20.63	20.40		
10	QPSK	1	49	20.53	20.63	20.33		
10	QPSK	25	0	20.58	20.52	20.60	21.1	0
10	QPSK	25	12	20.55	20.66	20.63		
10	QPSK	25	25	20.38	20.53	20.46		
10	QPSK	50	0	20.63	20.61	20.49		
10	16QAM	1	0	20.63	20.60	20.50	21.1	0
10	16QAM	1	25	20.47	20.55	20.42		
10	16QAM	1	49	20.32	20.39	20.34		
10	16QAM	25	0	20.67	20.77	20.48	21.1	0
10	16QAM	25	12	20.65	20.56	20.37		
10	16QAM	25	25	20.49	20.52	20.56		
10	16QAM	50	0	20.53	20.65	20.70		
10	64QAM	1	0	20.61	20.67	20.55	21.1	0
10	64QAM	1	25	20.33	20.52	20.40		
10	64QAM	1	49	20.55	20.61	20.47		
10	64QAM	25	0	20.54	20.62	20.55	21.1	0
10	64QAM	25	12	20.30	20.49	20.66		
10	64QAM	25	25	20.34	20.56	20.37		
10	64QAM	50	0	20.36	20.53	20.46		
10	256QAM	1	0	20.03	20.18	20.00	20.6	0.5
10	256QAM	1	25	20.11	20.10	20.10		
10	256QAM	1	49	19.85	19.94	20.12		
10	256QAM	25	0	19.99	20.18	20.08	20.6	0.5
10	256QAM	25	12	20.10	20.04	20.22		
10	256QAM	25	25	19.80	19.96	20.01		
10	256QAM	50	0	19.87	20.00	19.89		
Channel				26065	26340	26865	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	20.61	20.79	20.39	21.1	0
5	QPSK	1	12	20.65	20.53	20.44		
5	QPSK	1	24	20.47	20.58	20.32		
5	QPSK	12	0	20.53	20.58	20.51	21.1	0
5	QPSK	12	7	20.60	20.52	20.61		
5	QPSK	12	13	20.40	20.48	20.50		
5	QPSK	25	0	20.55	20.62	20.57		
5	16QAM	1	0	20.56	20.71	20.51	21.1	0
5	16QAM	1	12	20.40	20.55	20.46		
5	16QAM	1	24	20.43	20.45	20.35		
5	16QAM	12	0	20.71	20.79	20.44	21.1	0
5	16QAM	12	7	20.57	20.62	20.35		
5	16QAM	12	13	20.43	20.58	20.44		
5	16QAM	25	0	20.45	20.59	20.70		
5	64QAM	1	0	20.53	20.64	20.62	21.1	0
5	64QAM	1	12	20.37	20.60	20.36		
5	64QAM	1	24	20.62	20.68	20.37		
5	64QAM	12	0	20.54	20.68	20.51	21.1	0
5	64QAM	12	7	20.37	20.51	20.63		
5	64QAM	12	13	20.36	20.55	20.40		
5	64QAM	25	0	20.37	20.40	20.37		
5	256QAM	1	0	20.10	20.27	20.00	20.6	0.5
5	256QAM	1	12	20.04	20.06	20.11		
5	256QAM	1	24	19.87	20.02	20.07		
5	256QAM	12	0	19.92	20.11	20.12	20.6	0.5
5	256QAM	12	7	20.11	20.02	20.19		
5	256QAM	12	13	19.89	20.01	19.92		
5	256QAM	25	0	19.89	20.07	19.91		
Channel				26025	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	20.70	20.66	20.39	21.1	0
3	QPSK	1	8	20.56	20.59	20.42		
3	QPSK	1	14	20.50	20.54	20.32		
3	QPSK	8	0	20.58	20.60	20.58	21.1	0
3	QPSK	8	4	20.51	20.57	20.51		
3	QPSK	8	7	20.48	20.47	20.58		
3	QPSK	15	0	20.60	20.57	20.55		
3	16QAM	1	0	20.63	20.58	20.48	21.1	0
3	16QAM	1	8	20.50	20.59	20.49		
3	16QAM	1	14	20.35	20.49	20.36		
3	16QAM	8	0	20.61	20.80	20.46	21.1	0
3	16QAM	8	4	20.50	20.57	20.46		
3	16QAM	8	7	20.47	20.56	20.56		
3	16QAM	15	0	20.47	20.52	20.65		
3	64QAM	1	0	20.54	20.59	20.67	21.1	0
3	64QAM	1	8	20.40	20.60	20.42		
3	64QAM	1	14	20.60	20.67	20.43		
3	64QAM	8	0	20.60	20.66	20.58	21.1	0
3	64QAM	8	4	20.42	20.53	20.64		
3	64QAM	8	7	20.25	20.61	20.40		
3	64QAM	15	0	20.35	20.42	20.52		
3	256QAM	1	0	20.06	20.23	20.01	20.6	0.5
3	256QAM	1	8	19.99	20.00	20.17		
3	256QAM	1	14	19.90	19.99	20.07		
3	256QAM	8	0	19.93	20.13	20.11	20.6	0.5
3	256QAM	8	4	20.21	20.06	20.06		
3	256QAM	8	7	19.79	20.00	19.99		
3	256QAM	15	0	19.95	19.96	19.88		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	20.72	20.73	20.36	21.1	0
1.4	QPSK	1	3	20.61	20.48	20.51		
1.4	QPSK	1	5	20.40	20.54	20.40		
1.4	QPSK	3	0	20.56	20.53	20.55		
1.4	QPSK	3	1	20.59	20.53	20.63		
1.4	QPSK	3	3	20.43	20.44	20.52		
1.4	QPSK	6	0	20.57	20.54	20.51	21.1	0
1.4	16QAM	1	0	20.65	20.66	20.46	21.1	0
1.4	16QAM	1	3	20.52	20.60	20.39		
1.4	16QAM	1	5	20.42	20.49	20.39		
1.4	16QAM	3	0	20.70	20.70	20.44		
1.4	16QAM	3	1	20.55	20.53	20.42		
1.4	16QAM	3	3	20.47	20.60	20.45		
1.4	16QAM	6	0	20.56	20.55	20.76	21.1	0
1.4	64QAM	1	0	20.61	20.63	20.60	21.1	0
1.4	64QAM	1	3	20.31	20.55	20.49		
1.4	64QAM	1	5	20.57	20.74	20.50		
1.4	64QAM	3	0	20.65	20.54	20.47		
1.4	64QAM	3	1	20.43	20.60	20.50		
1.4	64QAM	3	3	20.31	20.60	20.42		
1.4	64QAM	6	0	20.48	20.40	20.39	21.1	0
1.4	256QAM	1	0	19.97	20.28	20.02	20.6	0.5
1.4	256QAM	1	3	20.13	19.99	20.13		
1.4	256QAM	1	5	19.80	19.97	20.04		
1.4	256QAM	3	0	19.93	20.08	20.13		
1.4	256QAM	3	1	20.22	20.08	20.09		
1.4	256QAM	3	3	19.91	19.96	19.97		
1.4	256QAM	6	0	19.97	20.05	19.91	20.6	0.5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	22.28	22.33	22.09	22.9	0
20	QPSK	1	49	22.10	22.16	22.11		
20	QPSK	1	99	22.15	22.18	21.98		
20	QPSK	50	0	22.27	22.28	22.21	22.9	0
20	QPSK	50	24	22.09	22.18	22.20		
20	QPSK	50	50	22.13	22.19	22.12		
20	QPSK	100	0	22.02	22.06	21.98		
20	16QAM	1	0	22.12	22.27	22.21	22.9	0
20	16QAM	1	49	22.07	22.19	22.09		
20	16QAM	1	99	22.19	22.13	22.08		
20	16QAM	50	0	22.22	22.23	22.11	22.9	0
20	16QAM	50	24	22.02	22.13	22.07		
20	16QAM	50	50	22.19	22.10	22.02		
20	16QAM	100	0	22.25	22.29	22.30	22.9	0
20	64QAM	1	0	22.22	22.21	22.16		
20	64QAM	1	49	22.15	22.17	22.05		
20	64QAM	1	99	22.03	22.06	22.02		
20	64QAM	50	0	22.18	22.21	22.10	22.9	0
20	64QAM	50	24	22.05	22.09	22.01		
20	64QAM	50	50	22.13	22.16	22.08		
20	64QAM	100	0	22.11	22.11	22.04		
20	256QAM	1	0	19.18	19.23	19.22	19.9	3
20	256QAM	1	49	19.13	19.19	19.05		
20	256QAM	1	99	19.06	19.08	19.10		
20	256QAM	50	0	19.08	19.15	19.02	19.9	3
20	256QAM	50	24	19.09	19.22	19.15		
20	256QAM	50	50	19.01	19.19	18.96		
20	256QAM	100	0	19.16	19.17	19.11		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	22.15	22.21	21.99	22.9	0
15	QPSK	1	37	21.94	22.10	21.95		
15	QPSK	1	74	21.98	22.12	21.94		
15	QPSK	36	0	22.11	22.21	22.16	22.9	0
15	QPSK	36	20	22.01	22.16	22.04		
15	QPSK	36	39	22.07	22.16	22.00		
15	QPSK	75	0	21.94	22.02	21.91		
15	16QAM	1	0	21.94	22.18	22.05	22.9	0
15	16QAM	1	37	22.03	22.11	21.94		
15	16QAM	1	74	22.07	22.01	21.91		
15	16QAM	36	0	22.16	22.12	22.01	22.9	0
15	16QAM	36	20	21.98	22.06	21.92		
15	16QAM	36	39	22.03	22.07	21.87		
15	16QAM	75	0	22.19	22.24	22.27		
15	64QAM	1	0	22.18	22.13	22.08	22.9	0
15	64QAM	1	37	22.01	22.11	21.98		
15	64QAM	1	74	21.95	21.91	21.96		
15	64QAM	36	0	22.03	22.05	22.01	22.9	0
15	64QAM	36	20	21.96	21.99	21.90		
15	64QAM	36	39	22.04	22.13	22.01		
15	64QAM	75	0	21.99	21.94	22.01		
15	256QAM	1	0	19.00	19.15	19.19	19.9	3
15	256QAM	1	37	19.09	19.10	18.93		
15	256QAM	1	74	19.03	18.91	19.02		
15	256QAM	36	0	18.96	19.09	18.99	19.9	3
15	256QAM	36	20	18.98	19.10	19.05		
15	256QAM	36	39	18.83	19.10	18.88		
15	256QAM	75	0	19.05	19.04	18.95		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	22.19	22.21	21.98	22.9	0
10	QPSK	1	25	21.96	22.03	21.97		
10	QPSK	1	49	21.99	22.01	21.94		
10	QPSK	25	0	22.17	22.25	22.18	22.9	0
10	QPSK	25	12	22.00	22.03	22.15		
10	QPSK	25	25	22.06	22.06	21.94		
10	QPSK	50	0	21.90	21.92	21.90		
10	16QAM	1	0	21.99	22.13	22.04	22.9	0
10	16QAM	1	25	21.99	22.13	22.02		
10	16QAM	1	49	22.12	22.01	21.99		
10	16QAM	25	0	22.17	22.18	21.98	22.9	0
10	16QAM	25	12	21.90	22.04	21.94		
10	16QAM	25	25	22.16	21.92	21.85		
10	16QAM	50	0	22.16	22.19	22.25		
10	64QAM	1	0	22.18	22.15	22.03	22.9	0
10	64QAM	1	25	22.02	22.01	22.00		
10	64QAM	1	49	21.91	21.95	21.95		
10	64QAM	25	0	22.14	22.18	22.03	22.9	0
10	64QAM	25	12	21.89	21.99	21.87		
10	64QAM	25	25	22.02	22.07	21.98		
10	64QAM	50	0	21.94	22.08	21.91		
10	256QAM	1	0	19.00	19.08	19.11	19.9	3
10	256QAM	1	25	19.00	19.07	18.96		
10	256QAM	1	49	18.91	19.06	18.98		
10	256QAM	25	0	18.94	18.99	18.89	19.9	3
10	256QAM	25	12	19.01	19.08	18.99		
10	256QAM	25	25	18.84	19.15	18.85		
10	256QAM	50	0	19.12	19.12	19.07		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	22.18	22.16	22.05	22.9	0
5	QPSK	1	12	21.96	22.13	21.99		
5	QPSK	1	24	22.09	22.09	21.85		
5	QPSK	12	0	22.09	22.13	22.16	22.9	0
5	QPSK	12	7	21.99	22.07	22.15		
5	QPSK	12	13	21.97	22.13	22.00		
5	QPSK	25	0	21.91	21.97	21.82		
5	16QAM	1	0	22.01	22.24	22.06	22.9	0
5	16QAM	1	12	22.00	22.12	21.93		
5	16QAM	1	24	22.10	22.05	22.03		
5	16QAM	12	0	22.08	22.17	22.03	22.9	0
5	16QAM	12	7	21.95	22.04	21.94		
5	16QAM	12	13	22.16	21.99	21.90		
5	16QAM	25	0	22.17	22.20	22.25		
5	64QAM	1	0	22.15	22.03	22.02	22.9	0
5	64QAM	1	12	22.13	22.01	22.00		
5	64QAM	1	24	21.94	22.02	21.89		
5	64QAM	12	0	22.04	22.07	22.03	22.9	0
5	64QAM	12	7	21.89	21.96	21.92		
5	64QAM	12	13	21.96	22.12	22.03		
5	64QAM	25	0	21.93	22.04	21.93		
5	256QAM	1	0	19.07	19.18	19.20	19.9	3
5	256QAM	1	12	18.98	19.11	19.00		
5	256QAM	1	24	18.89	18.91	18.94		
5	256QAM	12	0	18.99	18.99	18.84	19.9	3
5	256QAM	12	7	19.02	19.09	19.12		
5	256QAM	12	13	18.88	19.12	18.87		
5	256QAM	25	0	19.07	19.10	18.95		
Channel				131862	132322	132787	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	22.24	22.26	22.02	22.9	0
3	QPSK	1	8	21.95	22.04	22.07		
3	QPSK	1	14	21.98	22.13	21.96		
3	QPSK	8	0	22.24	22.19	22.08	22.9	0
3	QPSK	8	4	22.06	22.14	22.15		
3	QPSK	8	7	21.95	22.09	21.99		
3	QPSK	15	0	22.00	21.94	21.89	22.9	0
3	16QAM	1	0	21.96	22.02	22.04		
3	16QAM	1	8	22.02	22.11	21.93		
3	16QAM	1	14	22.04	21.96	22.03		
3	16QAM	8	0	22.12	22.16	22.07	22.9	0
3	16QAM	8	4	21.93	21.97	22.02		
3	16QAM	8	7	22.01	22.02	21.94		
3	16QAM	15	0	22.08	22.24	22.21	22.9	0
3	64QAM	1	0	22.08	22.03	22.00		
3	64QAM	1	8	22.07	22.16	21.87		
3	64QAM	1	14	21.89	21.90	21.96		
3	64QAM	8	0	22.09	22.08	21.95	22.9	0
3	64QAM	8	4	21.90	21.99	21.84		
3	64QAM	8	7	22.10	22.01	21.99		
3	64QAM	15	0	22.08	21.97	21.89		
3	256QAM	1	0	19.12	19.10	19.05	19.9	3
3	256QAM	1	8	19.05	19.10	18.96		
3	256QAM	1	14	18.94	18.99	19.04		
3	256QAM	8	0	19.04	19.12	18.98	19.9	3
3	256QAM	8	4	18.92	19.17	19.09		
3	256QAM	8	7	18.83	19.10	18.83		
3	256QAM	15	0	19.00	19.03	18.96		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	22.23	22.19	21.94	22.9	0
1.4	QPSK	1	3	22.02	22.03	22.07		
1.4	QPSK	1	5	21.98	22.11	21.92		
1.4	QPSK	3	0	22.17	22.26	22.16		
1.4	QPSK	3	1	21.91	22.06	22.11		
1.4	QPSK	3	3	22.01	22.08	22.03		
1.4	QPSK	6	0	21.99	21.91	21.81	22.9	0
1.4	16QAM	1	0	22.05	22.18	22.12	22.9	0
1.4	16QAM	1	3	21.89	22.15	21.98		
1.4	16QAM	1	5	22.13	22.06	22.00		
1.4	16QAM	3	0	22.13	22.11	21.94		
1.4	16QAM	3	1	21.92	22.10	22.03		
1.4	16QAM	3	3	22.02	22.02	21.88		
1.4	16QAM	6	0	22.15	22.20	22.27	22.9	0
1.4	64QAM	1	0	22.08	22.09	22.05	22.9	0
1.4	64QAM	1	3	22.01	22.03	21.91		
1.4	64QAM	1	5	21.88	21.99	21.86		
1.4	64QAM	3	0	22.11	22.05	22.05		
1.4	64QAM	3	1	21.89	21.97	21.96		
1.4	64QAM	3	3	22.02	22.14	21.98		
1.4	64QAM	6	0	22.04	22.05	21.86	22.9	0
1.4	256QAM	1	0	19.07	19.10	19.11	19.9	3
1.4	256QAM	1	3	19.11	19.17	19.03		
1.4	256QAM	1	5	18.91	18.90	19.00		
1.4	256QAM	3	0	18.96	19.01	18.96		
1.4	256QAM	3	1	19.05	19.10	19.01		
1.4	256QAM	3	3	18.88	19.03	18.90		
1.4	256QAM	6	0	19.01	19.11	19.03	19.9	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	2595	2610		
20	QPSK	1	0	20.82	21.21	21.02	21.6	0
20	QPSK	1	49	20.86	20.95	20.90		
20	QPSK	1	99	20.95	20.89	20.98		
20	QPSK	50	0	20.79	20.96	20.81	21.6	0
20	QPSK	50	24	20.83	20.82	20.78		
20	QPSK	50	50	20.68	20.79	20.73		
20	QPSK	100	0	20.86	20.91	20.90		
20	16QAM	1	0	20.85	21.02	20.90	21.6	0
20	16QAM	1	49	20.87	20.86	20.75		
20	16QAM	1	99	20.73	20.80	20.69		
20	16QAM	50	0	21.00	21.07	20.79	21.6	0
20	16QAM	50	24	20.84	20.94	20.92		
20	16QAM	50	50	20.79	20.77	20.76		
20	16QAM	100	0	20.82	20.87	20.95		
20	64QAM	1	0	20.95	20.91	20.90	21.6	0
20	64QAM	1	49	20.80	20.84	20.93		
20	64QAM	1	99	20.98	21.00	20.86		
20	64QAM	50	0	20.98	20.83	20.83	21.6	0
20	64QAM	50	24	20.90	20.87	20.74		
20	64QAM	50	50	20.74	20.79	20.69		
20	64QAM	100	0	20.77	20.75	20.71		
20	256QAM	1	0	19.92	19.87	19.92	20.6	1
20	256QAM	1	49	19.86	19.86	19.88		
20	256QAM	1	99	19.84	19.85	19.77		
20	256QAM	50	0	19.83	19.87	19.80	20.6	1
20	256QAM	50	24	19.84	19.88	19.98		
20	256QAM	50	50	19.83	19.84	19.83		
20	256QAM	100	0	19.61	19.88	19.78		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	20.75	21.04	20.81	21.6	0
15	QPSK	1	37	20.67	20.78	20.72		
15	QPSK	1	74	20.77	20.87	20.95		
15	QPSK	36	0	20.59	20.65	20.63	21.6	0
15	QPSK	36	20	20.69	20.61	20.76		
15	QPSK	36	39	20.65	20.64	20.72		
15	QPSK	75	0	20.72	20.87	20.77		
15	16QAM	1	0	20.75	20.81	20.80	21.6	0
15	16QAM	1	37	20.70	20.74	20.59		
15	16QAM	1	74	20.54	20.77	20.64		
15	16QAM	36	0	20.84	21.08	20.71	21.6	0
15	16QAM	36	20	20.84	20.90	20.73		
15	16QAM	36	39	20.61	20.61	20.61		
15	16QAM	75	0	20.71	20.67	20.90		
15	64QAM	1	0	20.93	20.75	20.70	21.6	0
15	64QAM	1	37	20.76	20.80	20.74		
15	64QAM	1	74	20.80	20.83	20.74		
15	64QAM	36	0	20.76	20.79	20.74	21.6	0
15	64QAM	36	20	20.71	20.87	20.56		
15	64QAM	36	39	20.56	20.74	20.53		
15	64QAM	75	0	20.73	20.74	20.57		
15	256QAM	1	0	19.88	19.71	19.80	20.6	1
15	256QAM	1	37	19.65	19.75	19.79		
15	256QAM	1	74	19.76	19.73	19.70		
15	256QAM	36	0	19.74	19.83	19.61	20.6	1
15	256QAM	36	20	19.80	19.78	19.87		
15	256QAM	36	39	19.72	19.65	19.69		
15	256QAM	75	0	19.45	19.73	19.58		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	20.75	21.18	20.82	21.6	0
10	QPSK	1	25	20.71	20.80	20.78		
10	QPSK	1	49	20.83	20.79	20.91		
10	QPSK	25	0	20.69	20.86	20.61	21.6	0
10	QPSK	25	12	20.76	20.83	20.76		
10	QPSK	25	25	20.68	20.63	20.52		
10	QPSK	50	0	20.71	20.71	20.73		
10	16QAM	1	0	20.85	20.84	20.80	21.6	0
10	16QAM	1	25	20.72	20.80	20.71		
10	16QAM	1	49	20.69	20.79	20.65		
10	16QAM	25	0	20.92	20.94	20.65	21.6	0
10	16QAM	25	12	20.71	20.77	20.87		
10	16QAM	25	25	20.73	20.72	20.67		
10	16QAM	50	0	20.69	20.85	20.78		
10	64QAM	1	0	20.78	20.81	20.73	21.6	0
10	64QAM	1	25	20.77	20.81	20.85		
10	64QAM	1	49	20.94	20.99	20.76		
10	64QAM	25	0	20.91	20.70	20.66	21.6	0
10	64QAM	25	12	20.92	20.85	20.71		
10	64QAM	25	25	20.70	20.77	20.53		
10	64QAM	50	0	20.68	20.74	20.58		
10	256QAM	1	0	19.72	19.87	19.75	20.6	1
10	256QAM	1	25	19.82	19.75	19.68		
10	256QAM	1	49	19.71	19.76	19.66		
10	256QAM	25	0	19.83	19.89	19.72	20.6	1
10	256QAM	25	12	19.79	19.80	19.78		
10	256QAM	25	25	19.82	19.62	19.64		
10	256QAM	50	0	19.43	19.78	19.60		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	20.77	21.06	20.94	21.6	0
5	QPSK	1	12	20.73	20.91	20.70		
5	QPSK	1	24	20.75	20.81	20.85		
5	QPSK	12	0	20.78	20.69	20.60	21.6	0
5	QPSK	12	7	20.79	20.82	20.77		
5	QPSK	12	13	20.58	20.65	20.72		
5	QPSK	25	0	20.84	20.73	20.71		
5	16QAM	1	0	20.85	20.98	20.82	21.6	0
5	16QAM	1	12	20.76	20.81	20.69		
5	16QAM	1	24	20.72	20.74	20.66		
5	16QAM	12	0	20.83	20.93	20.67	21.6	0
5	16QAM	12	7	20.74	20.78	20.83		
5	16QAM	12	13	20.57	20.59	20.55		
5	16QAM	25	0	20.72	20.85	20.75		
5	64QAM	1	0	20.94	20.92	20.83	21.6	0
5	64QAM	1	12	20.77	20.82	20.84		
5	64QAM	1	24	21.00	20.81	20.80		
5	64QAM	12	0	20.90	20.83	20.79	21.6	0
5	64QAM	12	7	20.79	20.83	20.73		
5	64QAM	12	13	20.68	20.80	20.56		
5	64QAM	25	0	20.65	20.55	20.53		
5	256QAM	1	0	19.81	19.67	19.73	20.6	1
5	256QAM	1	12	19.68	19.70	19.84		
5	256QAM	1	24	19.62	19.65	19.68		
5	256QAM	12	0	19.73	19.75	19.58	20.6	1
5	256QAM	12	7	19.80	19.74	19.86		
5	256QAM	12	13	19.71	19.69	19.78		
5	256QAM	25	0	19.60	19.89	19.61		

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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	21.42	21.24	21.57	21.48	21.42	22.1	0
20	QPSK	1	49	21.21	21.38	21.22	21.20	21.27		
20	QPSK	1	99	21.21	21.34	21.32	21.29	21.28		
20	QPSK	50	0	21.42	21.26	21.56	21.35	21.34	22.1	0
20	QPSK	50	24	21.36	21.33	21.29	21.28	21.28		
20	QPSK	50	50	21.29	21.38	21.46	21.24	21.21		
20	QPSK	100	0	21.36	21.27	21.48	21.46	21.30		
20	16QAM	1	0	21.19	21.24	21.24	21.14	21.27	22.1	0
20	16QAM	1	49	21.29	21.23	21.19	21.19	21.13		
20	16QAM	1	99	21.20	21.31	21.38	21.20	21.09		
20	16QAM	50	0	21.27	21.22	21.43	21.44	21.28	22.1	0
20	16QAM	50	24	21.14	21.22	21.10	21.12	21.17		
20	16QAM	50	50	21.09	21.17	21.23	21.23	21.26		
20	16QAM	100	0	21.39	21.21	21.44	21.32	21.31		
20	64QAM	1	0	21.26	21.16	21.21	21.19	21.11	22.1	0
20	64QAM	1	49	21.12	21.31	21.36	21.17	21.11		
20	64QAM	1	99	21.26	21.19	21.36	21.42	21.28		
20	64QAM	50	0	21.06	21.10	21.19	20.97	21.22	22.1	0
20	64QAM	50	24	21.23	21.20	21.07	21.13	21.09		
20	64QAM	50	50	21.03	21.24	21.30	21.04	21.02		
20	64QAM	100	0	21.15	21.28	21.31	21.12	20.96		
20	256QAM	1	0	19.82	19.64	19.90	19.66	19.73	20.6	1.5
20	256QAM	1	49	19.71	19.70	19.60	19.60	19.59		
20	256QAM	1	99	19.68	19.66	19.79	19.51	19.60		
20	256QAM	50	0	19.73	19.58	19.88	19.77	19.66	20.6	1.5
20	256QAM	50	24	19.47	19.63	19.62	19.44	19.62		
20	256QAM	50	50	19.69	19.62	19.46	19.61	19.44		
20	256QAM	100	0	19.57	19.71	19.68	19.52	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	21.28	21.22	21.43	21.34	21.25	22.10	0
15	QPSK	1	37	21.03	21.32	21.17	21.05	21.09		
15	QPSK	1	74	21.16	21.16	21.26	21.11	21.14		
15	QPSK	36	0	21.24	21.22	21.35	21.20	21.32	22.1	0
15	QPSK	36	20	21.32	21.20	21.26	21.11	21.15		
15	QPSK	36	39	21.22	21.30	21.42	21.16	21.16		
15	QPSK	75	0	21.30	21.20	21.40	21.38	21.13		
15	16QAM	1	0	21.03	21.20	21.09	21.12	21.18	22.1	0
15	16QAM	1	37	21.19	21.16	21.03	21.14	21.00		
15	16QAM	1	74	21.08	21.16	21.31	21.12	21.01		
15	16QAM	36	0	21.13	21.06	21.27	21.32	21.11	22.1	0
15	16QAM	36	20	21.09	21.16	20.93	21.00	21.15		
15	16QAM	36	39	20.95	21.13	21.07	21.13	21.14		
15	16QAM	75	0	21.21	21.08	21.31	21.29	21.28		
15	64QAM	1	0	21.20	21.11	21.06	21.04	21.02	22.1	0
15	64QAM	1	37	21.07	21.16	21.21	20.99	21.05		
15	64QAM	1	74	21.23	21.07	21.21	21.29	21.25		
15	64QAM	36	0	20.92	20.93	21.08	20.88	21.15	22.1	0
15	64QAM	36	20	21.06	21.09	20.95	20.95	20.97		
15	64QAM	36	39	21.00	21.20	21.21	20.96	20.88		
15	64QAM	75	0	21.04	21.18	21.23	20.96	20.81		
15	256QAM	1	0	19.74	19.47	19.83	19.60	19.63	20.6	1.5
15	256QAM	1	37	19.58	19.57	19.45	19.48	19.43		
15	256QAM	1	74	19.62	19.57	19.66	19.47	19.53		
15	256QAM	36	0	19.66	19.47	19.77	19.73	19.62	20.6	1.5
15	256QAM	36	20	19.40	19.55	19.49	19.36	19.59		
15	256QAM	36	39	19.56	19.48	19.37	19.48	19.31		
15	256QAM	75	0	19.53	19.68	19.52	19.35	19.43		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	21.27	21.13	21.43	21.38	21.35	22.10	0
10	QPSK	1	25	21.10	21.31	21.05	21.18	21.19		
10	QPSK	1	49	21.03	21.25	21.27	21.14	21.19		
10	QPSK	25	0	21.25	21.10	21.47	21.30	21.19	22.1	0
10	QPSK	25	12	21.21	21.16	21.20	21.20	21.11		
10	QPSK	25	25	21.22	21.32	21.32	21.15	21.05		
10	QPSK	50	0	21.34	21.10	21.33	21.31	21.16		
10	16QAM	1	0	21.07	21.16	21.19	21.07	21.22	22.1	0
10	16QAM	1	25	21.13	21.12	21.08	21.16	21.01		
10	16QAM	1	49	21.10	21.20	21.29	21.09	21.06		
10	16QAM	25	0	21.13	21.18	21.25	21.33	21.15	22.1	0
10	16QAM	25	12	21.00	21.06	20.94	21.03	21.11		
10	16QAM	25	25	20.95	21.13	21.12	21.06	21.18		
10	16QAM	50	0	21.25	21.13	21.30	21.17	21.23		
10	64QAM	1	0	21.10	21.03	21.11	21.15	20.98	22.1	0
10	64QAM	1	25	21.00	21.17	21.27	21.00	20.93		
10	64QAM	1	49	21.20	21.05	21.32	21.32	21.13		
10	64QAM	25	0	21.03	20.97	21.16	20.89	21.20	22.1	0
10	64QAM	25	12	21.10	21.10	20.89	21.08	20.92		
10	64QAM	25	25	20.92	21.19	21.28	20.94	20.84		
10	64QAM	50	0	21.04	21.25	21.17	21.08	20.87		
10	256QAM	1	0	19.76	19.60	19.78	19.59	19.59	20.6	1.5
10	256QAM	1	25	19.57	19.65	19.49	19.54	19.44		
10	256QAM	1	49	19.60	19.59	19.71	19.46	19.55		
10	256QAM	25	0	19.65	19.45	19.73	19.73	19.57	20.6	1.5
10	256QAM	25	12	19.35	19.55	19.55	19.30	19.57		
10	256QAM	25	25	19.57	19.53	19.41	19.56	19.37		
10	256QAM	50	0	19.47	19.55	19.54	19.36	19.42		
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	21.27	21.08	21.43	21.35	21.38	22.10	0
5	QPSK	1	12	21.03	21.34	21.19	21.15	21.19		
5	QPSK	1	24	21.05	21.21	21.18	21.25	21.21		
5	QPSK	12	0	21.38	21.11	21.37	21.21	21.27	22.1	0
5	QPSK	12	7	21.24	21.22	21.19	21.22	21.24		
5	QPSK	12	13	21.20	21.33	21.29	21.12	21.07		
5	QPSK	25	0	21.26	21.15	21.43	21.43	21.14		
5	16QAM	1	0	21.15	21.18	21.19	21.09	21.15	22.1	0
5	16QAM	1	12	21.14	21.06	21.07	21.11	21.09		
5	16QAM	1	24	21.08	21.25	21.30	21.03	20.92		
5	16QAM	12	0	21.17	21.07	21.28	21.39	21.17	22.1	0
5	16QAM	12	7	21.09	21.16	20.94	21.07	21.10		
5	16QAM	12	13	21.03	21.11	21.19	21.13	21.08		
5	16QAM	25	0	21.26	21.04	21.32	21.18	21.23		
5	64QAM	1	0	21.22	21.00	21.12	21.04	21.02	22.1	0
5	64QAM	1	12	21.05	21.26	21.19	21.11	21.01		
5	64QAM	1	24	21.24	21.13	21.18	21.25	21.14		
5	64QAM	12	0	20.89	21.02	21.08	20.79	21.07	22.1	0
5	64QAM	12	7	21.20	21.10	21.02	21.03	20.98		
5	64QAM	12	13	20.99	21.10	21.23	20.96	20.97		
5	64QAM	25	0	21.05	21.23	21.21	20.95	20.86		
5	256QAM	1	0	19.76	19.47	19.78	19.62	19.66	20.6	1.5
5	256QAM	1	12	19.62	19.67	19.45	19.50	19.54		
5	256QAM	1	24	19.58	19.53	19.62	19.45	19.46		
5	256QAM	12	0	19.64	19.42	19.54	19.60	19.50	20.6	1.5
5	256QAM	12	7	19.39	19.52	19.48	19.30	19.47		
5	256QAM	12	13	19.67	19.52	19.30	19.45	19.32		
5	256QAM	25	0	19.44	19.68	19.54	19.39	19.43		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	22.49	22.63	22.55	23.8	0
20	QPSK	1	49	22.39	22.51	22.41		
20	QPSK	1	99	22.44	22.57	22.42		
20	QPSK	50	0	22.47	22.53	22.50	23.8	0
20	QPSK	50	24	22.31	22.43	22.39		
20	QPSK	50	50	22.44	22.50	22.41		
20	QPSK	100	0	22.36	22.48	22.44		
20	16QAM	1	0	22.38	22.50	22.39	23.8	0
20	16QAM	1	49	22.31	22.41	22.29		
20	16QAM	1	99	22.32	22.37	22.26		
20	16QAM	50	0	21.63	21.67	21.56	22.8	1
20	16QAM	50	24	21.43	21.58	21.46		
20	16QAM	50	50	21.52	21.63	21.52		
20	16QAM	100	0	21.54	21.64	21.56		
20	64QAM	1	0	21.54	21.69	21.56	22.8	1
20	64QAM	1	49	21.55	21.64	21.57		
20	64QAM	1	99	21.52	21.63	21.51		
20	64QAM	50	0	20.58	20.63	20.58	21.8	2
20	64QAM	50	24	20.36	20.49	20.35		
20	64QAM	50	50	20.37	20.50	20.38		
20	64QAM	100	0	20.55	20.60	20.48		
20	256QAM	1	0	17.38	17.48	17.41	18.8	5
20	256QAM	1	49	17.30	17.43	17.33		
20	256QAM	1	99	17.37	17.42	17.33		
20	256QAM	50	0	17.39	17.52	17.44	18.8	5
20	256QAM	50	24	17.32	17.41	17.31		
20	256QAM	50	50	17.37	17.41	17.35		
20	256QAM	100	0	17.33	17.40	17.25		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	22.38	22.57	22.46	23.8	0
15	QPSK	1	37	22.26	22.42	22.33		
15	QPSK	1	74	22.37	22.53	22.35		
15	QPSK	36	0	22.34	22.40	22.44	23.8	0
15	QPSK	36	20	22.25	22.40	22.28		
15	QPSK	36	39	22.30	22.43	22.28		
15	QPSK	75	0	22.22	22.35	22.30		
15	16QAM	1	0	22.28	22.35	22.28	23.8	0
15	16QAM	1	37	22.16	22.31	22.25		
15	16QAM	1	74	22.22	22.22	22.18		
15	16QAM	36	0	21.53	21.59	21.42	22.8	1
15	16QAM	36	20	21.35	21.50	21.32		
15	16QAM	36	39	21.44	21.53	21.41		
15	16QAM	75	0	21.44	21.50	21.48		
15	64QAM	1	0	21.45	21.65	21.50	22.8	1
15	64QAM	1	37	21.42	21.57	21.49		
15	64QAM	1	74	21.47	21.59	21.48		
15	64QAM	36	0	20.47	20.54	20.46	21.8	2
15	64QAM	36	20	20.26	20.40	20.21		
15	64QAM	36	39	20.34	20.37	20.34		
15	64QAM	75	0	20.48	20.53	20.39		
15	256QAM	1	0	17.35	17.34	17.36	18.8	5
15	256QAM	1	37	17.17	17.36	17.25		
15	256QAM	1	74	17.24	17.33	17.26		
15	256QAM	36	0	17.31	17.46	17.37	18.8	5
15	256QAM	36	20	17.19	17.37	17.19		
15	256QAM	36	39	17.28	17.31	17.22		
15	256QAM	75	0	17.27	17.25	17.16		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	22.36	22.54	22.40	23.8	0
10	QPSK	1	25	22.32	22.38	22.37		
10	QPSK	1	49	22.32	22.42	22.37		
10	QPSK	25	0	22.35	22.46	22.40	23.8	0
10	QPSK	25	12	22.22	22.39	22.29		
10	QPSK	25	25	22.30	22.41	22.26		
10	QPSK	50	0	22.24	22.33	22.32		
10	16QAM	1	0	22.29	22.42	22.34	23.8	0
10	16QAM	1	25	22.16	22.35	22.18		
10	16QAM	1	49	22.25	22.27	22.11		
10	16QAM	25	0	21.56	21.61	21.42	22.8	1
10	16QAM	25	12	21.32	21.47	21.42		
10	16QAM	25	25	21.40	21.51	21.40		
10	16QAM	50	0	21.40	21.55	21.41		
10	64QAM	1	0	21.43	21.58	21.51	22.8	1
10	64QAM	1	25	21.40	21.54	21.48		
10	64QAM	1	49	21.46	21.52	21.39		
10	64QAM	25	0	20.47	20.52	20.46	21.8	2
10	64QAM	25	12	20.24	20.37	20.21		
10	64QAM	25	25	20.24	20.45	20.25		
10	64QAM	50	0	20.51	20.54	20.34		
10	256QAM	1	0	17.28	17.42	17.29	18.8	5
10	256QAM	1	25	17.17	17.35	17.23		
10	256QAM	1	49	17.23	17.35	17.19		
10	256QAM	25	0	17.31	17.48	17.29	18.8	5
10	256QAM	25	12	17.27	17.38	17.25		
10	256QAM	25	25	17.29	17.31	17.30		
10	256QAM	50	0	17.24	17.33	17.16		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	22.42	22.55	22.40	23.8	0
5	QPSK	1	12	22.32	22.40	22.34		
5	QPSK	1	24	22.33	22.43	22.34		
5	QPSK	12	0	22.32	22.49	22.38	23.8	0
5	QPSK	12	7	22.21	22.31	22.35		
5	QPSK	12	13	22.32	22.46	22.31		
5	QPSK	25	0	22.21	22.42	22.37		
5	16QAM	1	0	22.27	22.43	22.29	23.8	0
5	16QAM	1	12	22.24	22.28	22.15		
5	16QAM	1	24	22.28	22.25	22.20		
5	16QAM	12	0	21.52	21.62	21.45	22.8	1
5	16QAM	12	7	21.28	21.49	21.38		
5	16QAM	12	13	21.41	21.57	21.41		
5	16QAM	25	0	21.45	21.55	21.45		
5	64QAM	1	0	21.51	21.58	21.44	22.8	1
5	64QAM	1	12	21.46	21.54	21.46		
5	64QAM	1	24	21.39	21.52	21.43		
5	64QAM	12	0	20.44	20.58	20.53	21.8	2
5	64QAM	12	7	20.25	20.44	20.30		
5	64QAM	12	13	20.32	20.39	20.30		
5	64QAM	25	0	20.40	20.50	20.34		
5	256QAM	1	0	17.27	17.34	17.29	18.8	5
5	256QAM	1	12	17.18	17.36	17.29		
5	256QAM	1	24	17.34	17.33	17.25		
5	256QAM	12	0	17.30	17.46	17.37	18.8	5
5	256QAM	12	7	17.23	17.28	17.25		
5	256QAM	12	13	17.24	17.34	17.25		
5	256QAM	25	0	17.19	17.33	17.19		

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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	21.29	21.45	21.33	21.38	22.7	0
20	QPSK	1	49	21.21	21.36	21.24	21.30		
20	QPSK	1	99	21.24	21.30	21.21	21.25		
20	QPSK	50	0	21.36	21.42	21.33	21.30	22.7	0
20	QPSK	50	24	21.17	21.31	21.19	21.23		
20	QPSK	50	50	21.33	21.39	21.35	21.36		
20	QPSK	100	0	21.28	21.36	21.31	21.26		
20	16QAM	1	0	21.30	21.35	21.27	21.21	22.7	0
20	16QAM	1	49	21.17	21.30	21.15	21.23		
20	16QAM	1	99	21.21	21.28	21.25	21.23		
20	16QAM	50	0	20.28	20.38	20.29	20.27	21.7	1
20	16QAM	50	24	20.23	20.28	20.15	20.21		
20	16QAM	50	50	20.22	20.31	20.27	20.26		
20	16QAM	100	0	20.20	20.26	20.15	20.16		
20	64QAM	1	0	20.22	20.35	20.22	20.26	21.7	1
20	64QAM	1	49	20.16	20.31	20.19	20.20		
20	64QAM	1	99	20.13	20.25	20.18	20.17		
20	64QAM	50	0	19.43	19.49	19.43	19.36	20.7	2
20	64QAM	50	24	19.25	19.38	19.34	19.29		
20	64QAM	50	50	19.33	19.41	19.26	19.39		
20	64QAM	100	0	19.38	19.43	19.29	19.35		
20	256QAM	1	0	16.40	16.50	16.39	16.37	17.7	5
20	256QAM	1	49	16.26	16.41	16.27	16.34		
20	256QAM	1	99	16.35	16.38	16.30	16.28		
20	256QAM	50	0	16.37	16.44	16.35	16.30	17.7	5
20	256QAM	50	24	16.23	16.34	16.24	16.36		
20	256QAM	50	50	16.31	16.38	16.27	16.28		
20	256QAM	100	0	16.32	16.41	16.35	16.33		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	21.25	21.36	21.26	21.33	22.7	0
15	QPSK	1	37	21.10	21.31	21.15	21.24		
15	QPSK	1	74	21.11	21.27	21.08	21.16		
15	QPSK	36	0	21.24	21.30	21.25	21.22	22.7	0
15	QPSK	36	20	21.07	21.22	21.07	21.17		
15	QPSK	36	39	21.23	21.34	21.30	21.28		
15	QPSK	75	0	21.23	21.31	21.24	21.13		
15	16QAM	1	0	21.22	21.21	21.12	21.17	22.7	0
15	16QAM	1	37	21.14	21.16	21.10	21.18		
15	16QAM	1	74	21.17	21.16	21.16	21.12		
15	16QAM	36	0	20.18	20.25	20.22	20.18	21.7	1
15	16QAM	36	20	20.18	20.22	20.08	20.11		
15	16QAM	36	39	20.08	20.18	20.23	20.13		
15	16QAM	75	0	20.14	20.19	20.09	20.07		
15	64QAM	1	0	20.16	20.22	20.15	20.16	21.7	1
15	64QAM	1	37	20.13	20.27	20.11	20.10		
15	64QAM	1	74	20.05	20.13	20.06	20.05		
15	64QAM	36	0	19.28	19.35	19.38	19.33	20.7	2
15	64QAM	36	20	19.16	19.32	19.29	19.24		
15	64QAM	36	39	19.27	19.29	19.13	19.28		
15	64QAM	75	0	19.24	19.35	19.17	19.21		
15	256QAM	1	0	16.27	16.40	16.25	16.29	17.7	5
15	256QAM	1	37	16.18	16.29	16.16	16.27		
15	256QAM	1	74	16.23	16.30	16.26	16.15		
15	256QAM	36	0	16.24	16.33	16.26	16.22	17.7	5
15	256QAM	36	20	16.19	16.25	16.12	16.27		
15	256QAM	36	39	16.16	16.26	16.14	16.14		
15	256QAM	75	0	16.20	16.28	16.30	16.28		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	21.22	21.40	21.23	21.35	22.7	0
10	QPSK	1	25	21.08	21.22	21.10	21.20		
10	QPSK	1	49	21.17	21.25	21.10	21.21		
10	QPSK	25	0	21.28	21.30	21.24	21.26	22.7	0
10	QPSK	25	12	21.02	21.28	21.14	21.13		
10	QPSK	25	25	21.29	21.34	21.23	21.22		
10	QPSK	50	0	21.17	21.24	21.21	21.19		
10	16QAM	1	0	21.18	21.29	21.17	21.08	22.7	0
10	16QAM	1	25	21.09	21.17	21.11	21.08		
10	16QAM	1	49	21.08	21.19	21.17	21.09		
10	16QAM	25	0	20.19	20.30	20.16	20.22	21.7	1
10	16QAM	25	12	20.14	20.22	20.08	20.11		
10	16QAM	25	25	20.10	20.20	20.13	20.19		
10	16QAM	50	0	20.06	20.15	20.12	20.10		
10	64QAM	1	0	20.10	20.30	20.10	20.18	21.7	1
10	64QAM	1	25	20.03	20.19	20.11	20.15		
10	64QAM	1	49	20.07	20.11	20.05	20.03		
10	64QAM	25	0	19.36	19.39	19.40	19.21	20.7	2
10	64QAM	25	12	19.21	19.26	19.25	19.19		
10	64QAM	25	25	19.18	19.26	19.22	19.28		
10	64QAM	50	0	19.30	19.34	19.25	19.21		
10	256QAM	1	0	16.31	16.36	16.32	16.30	17.7	5
10	256QAM	1	25	16.13	16.31	16.13	16.19		
10	256QAM	1	49	16.21	16.31	16.23	16.24		
10	256QAM	25	0	16.23	16.32	16.21	16.19	17.7	5
10	256QAM	25	12	16.12	16.31	16.12	16.27		
10	256QAM	25	25	16.17	16.25	16.14	16.21		
10	256QAM	50	0	16.25	16.28	16.32	16.26		
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	21.33	21.30	21.32	22.7	0
5	QPSK	1	12	21.12	21.24	21.16	21.17		
5	QPSK	1	24	21.12	21.17	21.16	21.19		
5	QPSK	12	0	21.30	21.29	21.26	21.24	22.7	0
5	QPSK	12	7	21.13	21.25	21.10	21.11		
5	QPSK	12	13	21.23	21.35	21.21	21.24		
5	QPSK	25	0	21.20	21.25	21.23	21.12		
5	16QAM	1	0	21.22	21.28	21.21	21.16	22.7	0
5	16QAM	1	12	21.02	21.24	21.05	21.16		
5	16QAM	1	24	21.09	21.19	21.21	21.10		
5	16QAM	12	0	20.14	20.27	20.19	20.20	21.7	1
5	16QAM	12	7	20.15	20.13	20.02	20.15		
5	16QAM	12	13	20.09	20.22	20.23	20.20		
5	16QAM	25	0	20.16	20.14	20.08	20.01		
5	64QAM	1	0	20.08	20.22	20.12	20.14	21.7	1
5	64QAM	1	12	20.12	20.20	20.15	20.16		
5	64QAM	1	24	20.03	20.13	20.09	20.03		
5	64QAM	12	0	19.32	19.44	19.33	19.30	20.7	2
5	64QAM	12	7	19.16	19.24	19.27	19.17		
5	64QAM	12	13	19.29	19.28	19.15	19.33		
5	64QAM	25	0	19.28	19.30	19.16	19.24		
5	256QAM	1	0	16.25	16.44	16.32	16.29	17.7	5
5	256QAM	1	12	16.19	16.32	16.16	16.26		
5	256QAM	1	24	16.21	16.24	16.20	16.25		
5	256QAM	12	0	16.28	16.40	16.29	16.21	17.7	5
5	256QAM	12	7	16.15	16.26	16.20	16.21		
5	256QAM	12	13	16.23	16.23	16.17	16.14		
5	256QAM	25	0	16.22	16.35	16.31	16.26		

GSM1900 Ant4 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	28.94	29.13	29.18	30.50	19.94	20.13	20.18	21.50
GPRS 1 Tx slot	28.88	29.08	29.11	30.50	19.88	20.08	20.11	21.50
GPRS 2 Tx slots	25.92	26.12	26.28	27.50	19.92	20.12	20.28	21.50
GPRS 3 Tx slots	23.87	24.01	24.14	25.70	19.61	19.75	19.88	21.44
GPRS 4 Tx slots	23.12	23.32	23.20	24.50	20.12	20.32	20.20	21.50
EDGE 1 Tx slot	24.68	24.85	24.93	26.50	15.68	15.85	15.93	17.50
EDGE 2 Tx slots	21.96	22.18	22.25	23.50	15.96	16.18	16.25	17.50
EDGE 3 Tx slots	19.96	20.16	20.28	21.70	15.70	15.90	16.02	17.44
EDGE 4 Tx slots	18.63	18.83	18.93	20.50	15.63	15.83	15.93	17.50

WCDMA II Ant4 DSI 3

WCDMA IV Ant4 DSI 3

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	19.99	20.09	20.11	21.40	20.66	20.69	20.51	22.10
3GPP Rel 99	RMC 12.2Kbps	20.03	20.19	20.11	21.40	20.69	20.71	20.54	22.10
3GPP Rel 6	HSDPA Subtest-1	18.95	19.10	19.08	20.40	19.51	19.70	19.53	21.10
3GPP Rel 6	HSDPA Subtest-2	18.95	19.10	19.10	20.40	19.58	19.63	19.47	21.10
3GPP Rel 6	HSDPA Subtest-3	18.43	18.63	18.44	19.90	18.91	19.07	19.12	20.60
3GPP Rel 6	HSDPA Subtest-4	18.45	18.59	18.54	19.90	19.00	19.26	19.03	20.60
3GPP Rel 8	DC-HSDPA Subtest-1	19.10	19.21	18.76	20.40	19.67	19.71	19.42	21.10
3GPP Rel 8	DC-HSDPA Subtest-2	19.14	19.08	18.95	20.40	19.52	19.79	19.49	21.10
3GPP Rel 8	DC-HSDPA Subtest-3	18.56	18.65	18.26	19.90	19.09	19.16	18.91	20.60
3GPP Rel 8	DC-HSDPA Subtest-4	18.55	18.74	18.65	19.90	19.13	19.11	19.06	20.60
3GPP Rel 6	HSUPA Subtest-1	19.03	19.18	19.05	20.40	19.53	19.76	19.78	21.10
3GPP Rel 6	HSUPA Subtest-2	17.07	17.12	17.08	18.40	17.54	17.71	17.69	19.10
3GPP Rel 6	HSUPA Subtest-3	17.96	18.15	18.05	19.40	18.57	18.75	18.47	20.10
3GPP Rel 6	HSUPA Subtest-4	17.08	17.10	17.01	18.40	17.56	17.73	17.68	19.10
3GPP Rel 6	HSUPA Subtest-5	19.04	19.09	19.10	20.40	19.57	19.59	19.56	21.10
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	16.55	16.69	16.41	17.90	17.15	17.09	17.17	18.60

Band 2 Ant4 DSI 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	19.73	19.74	19.73		
20	QPSK	1	49	19.60	19.65	19.52	20.5	0
20	QPSK	1	99	19.52	19.59	19.33		
20	QPSK	50	0	19.61	19.63	19.62		
20	QPSK	50	24	19.55	19.59	19.47	20.5	0
20	QPSK	50	50	19.37	19.57	19.52		
20	QPSK	100	0	19.31	19.50	19.55		
20	16QAM	1	0	19.46	19.62	19.36		
20	16QAM	1	49	19.52	19.62	19.40	20.5	0
20	16QAM	1	99	19.49	19.58	19.53		
20	16QAM	50	0	19.64	19.63	19.44		
20	16QAM	50	24	19.66	19.62	19.45	20.5	0
20	16QAM	50	50	19.16	19.44	19.33		
20	16QAM	100	0	19.45	19.62	19.45		
20	64QAM	1	0	19.41	19.66	19.69		
20	64QAM	1	49	19.47	19.54	19.25	20.5	0
20	64QAM	1	99	19.54	19.65	19.58		
20	64QAM	50	0	19.28	19.37	19.36		
20	64QAM	50	24	19.38	19.52	19.52	20.5	0
20	64QAM	50	50	19.26	19.48	19.22		
20	64QAM	100	0	19.28	19.39	19.20		
20	256QAM	1	0	19.49	19.53	19.29		
20	256QAM	1	49	19.58	19.54	19.33	20.5	0
20	256QAM	1	99	19.37	19.58	19.40		
20	256QAM	50	0	19.40	19.48	19.35		
20	256QAM	50	24	19.53	19.57	19.34	20.5	0
20	256QAM	50	50	19.49	19.65	19.43		
20	256QAM	100	0	19.40	19.44	19.39		
Channel				18674.7	18899.58	19124.64	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.2	1879.58	1902.14		
15	QPSK	1	0	19.57	19.59	19.66		
15	QPSK	1	37	19.47	19.51	19.47	20.5	0
15	QPSK	1	74	19.41	19.42	19.30		
15	QPSK	36	0	19.45	19.51	19.47		
15	QPSK	36	20	19.51	19.53	19.39	20.5	0
15	QPSK	36	39	19.33	19.47	19.40		
15	QPSK	75	0	19.27	19.57	19.43		
15	16QAM	1	0	19.43	19.59	19.24		
15	16QAM	1	37	19.49	19.53	19.23	20.5	0
15	16QAM	1	74	19.44	19.52	19.48		
15	16QAM	36	0	19.70	19.57	19.65		
15	16QAM	36	20	19.49	19.59	19.49	20.5	0
15	16QAM	36	39	19.44	19.46	19.25		
15	16QAM	75	0	19.37	19.59	19.30		
15	64QAM	1	0	19.24	19.57	19.60		
15	64QAM	1	37	19.31	19.38	19.10	20.5	0
15	64QAM	1	74	19.48	19.58	19.54		
15	64QAM	36	0	19.22	19.21	19.27		
15	64QAM	36	20	19.26	19.42	19.46	20.5	0
15	64QAM	36	39	19.18	19.39	19.14		
15	64QAM	75	0	19.24	19.27	19.16		
15	256QAM	1	0	19.40	19.41	19.23		
15	256QAM	1	37	19.46	19.46	19.17	20.5	0
15	256QAM	1	74	19.22	19.46	19.35		
15	256QAM	36	0	19.33	19.36	19.18		
15	256QAM	36	20	19.43	19.51	19.31	20.5	0
15	256QAM	36	39	19.38	19.62	19.31		
15	256QAM	75	0	19.26	19.38	19.27		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	19.71	19.66	19.62		
10	QPSK	1	25	19.56	19.56	19.43	20.5	0
10	QPSK	1	49	19.44	19.43	19.22		
10	QPSK	25	0	19.53	19.55	19.56		
10	QPSK	25	12	19.39	19.53	19.41	20.5	0
10	QPSK	25	25	19.28	19.42	19.35		
10	QPSK	50	0	19.29	19.54	19.45		
10	16QAM	1	0	19.38	19.45	19.19		
10	16QAM	1	25	19.50	19.49	19.23	20.5	0
10	16QAM	1	49	19.43	19.43	19.45		
10	16QAM	25	0	19.69	19.70	19.68		
10	16QAM	25	12	19.50	19.49	19.49	20.5	0
10	16QAM	25	25	19.41	19.42	19.21		
10	16QAM	50	0	19.41	19.56	19.38		
10	64QAM	1	0	19.24	19.59	19.65		
10	64QAM	1	25	19.37	19.52	19.20	20.5	0
10	64QAM	1	49	19.50	19.63	19.50		
10	64QAM	25	0	19.14	19.34	19.23		
10	64QAM	25	12	19.27	19.34	19.35	20.5	0
10	64QAM	25	25	19.17	19.32	19.05		
10	64QAM	50	0	19.23	19.37	19.15		
10	256QAM	1	0	19.46	19.37	19.15		
10	256QAM	1	25	19.46	19.42	19.26	20.5	0
10	256QAM	1	49	19.27	19.54	19.36		
10	256QAM	25	0	19.24	19.43	19.31		
10	256QAM	25	12	19.49	19.53	19.31	20.5	0
10	256QAM	25	25	19.44	19.56	19.39		
10	256QAM	50	0	19.22	19.37	19.33		
Channel				18525	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	19.59	19.64	19.61		
5	QPSK	1	12	19.58	19.48	19.47	20.5	0
5	QPSK	1	24	19.40	19.54	19.23		
5	QPSK	12	0	19.52	19.56	19.48		
5	QPSK	12	7	19.42	19.43	19.33	20.5	0
5	QPSK	12	13	19.32	19.55	19.42		
5	QPSK	25	0	19.18	19.41	19.37		
5	16QAM	1	0	19.43	19.47	19.20		
5	16QAM	1	12	19.34	19.53	19.31	20.5	0
5	16QAM	1	24	19.44	19.47	19.45		
5	16QAM	12	0	19.64	19.70	19.57		
5	16QAM	12	7	19.49	19.59	19.38	20.5	0
5	16QAM	12	13	19.49	19.50	19.23		
5	16QAM	25	0	19.28	19.59	19.32		
5	64QAM	1	0	19.71	19.59	19.64		
5	64QAM	1	12	19.58	19.55	19.43	20.5	0
5	64QAM	1	24	19.39	19.51	19.27		
5	64QAM	12	0	19.18	19.19	19.33		
5	64QAM	12	7	19.35	19.50	19.46	20.5	0
5	64QAM	12	13	19.23	19.43	19.16		
5	64QAM	25	0	19.23	19.34	19.09		
5	256QAM	1	0	19.35	19.45	19.20		
5	256QAM	1	12	19.47	19.43	19.25	20.5	0
5	256QAM	1	24	19.20	19.43	19.26		
5	256QAM	12	0	19.24	19.40	19.22		
5	256QAM	12	7	19.44	19.40	19.23	20.5	0
5	256QAM	12	13	19.45	19.57	19.29		
5	256QAM	25	0	19.35	19.38	19.26		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	19.67	19.60	19.68		
3	QPSK	1	8	19.50	19.49	19.38	20.5	0
3	QPSK	1	14	19.48	19.57	19.22		
3	QPSK	8	0	19.49	19.46	19.57		
3	QPSK	8	4	19.42	19.55	19.45	20.5	0
3	QPSK	8	7	19.19	19.54	19.35		
3	QPSK	15	0	19.13	19.44	19.52		
3	16QAM	1	0	19.29	19.52	19.32		
3	16QAM	1	8	19.44	19.56	19.30	20.5	0
3	16QAM	1	14	19.39	19.55	19.46		
3	16QAM	8	0	19.70	19.70	19.60		
3	16QAM	8	4	19.45	19.63	19.38	20.5	0
3	16QAM	8	7	19.38	19.54	19.30		
3	16QAM	15	0	19.37	19.47	19.39		
3	64QAM	1	0	19.25	19.52	19.56		
3	64QAM	1	8	19.43	19.39	19.18	20.5	0
3	64QAM	1	14	19.49	19.51	19.56		
3	64QAM	8	0	19.14	19.27	19.19		
3	64QAM	8	4	19.35	19.35	19.41	20.5	0
3	64QAM	8	7	19.13	19.45	19.15		
3	64QAM	15	0	19.20	19.25	19.05		
3	256QAM	1	0	19.39	19.38	19.24		
3	256QAM	1	8	19.41	19.38	19.29	20.5	0
3	256QAM	1	14	19.35	19.53	19.38		
3	256QAM	8	0	19.24	19.36	19.18		
3	256QAM	8	4	19.44	19.46	19.28	20.5	0
3	256QAM	8	7	19.44	19.49	19.37		
3	256QAM	15	0	19.25	19.28	19.33		
Channel				18507	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	19.70	19.72	19.69		
1.4	QPSK	1	3	19.45	19.62	19.41		
1.4	QPSK	1	5	19.42	19.49	19.31	20.5	0
1.4	QPSK	3	0	19.58	19.55	19.53		
1.4	QPSK	3	1	19.50	19.54	19.40		
1.4	QPSK	3	3	19.21	19.51	19.38		
1.4	QPSK	6	0	19.14	19.48	19.47	20.5	0
1.4	16QAM	1	0	19.30	19.55	19.26		
1.4	16QAM	1	3	19.39	19.56	19.25		
1.4	16QAM	1	5	19.33	19.41	19.41	20.5	0
1.4	16QAM	3	0	19.69	19.67	19.55		
1.4	16QAM	3	1	19.53	19.59	19.47		
1.4	16QAM	3	3	19.47	19.47	19.21		
1.4	16QAM	6	0	19.28	19.46	19.43	20.5	0
1.4	64QAM	1	0	19.66	19.61	19.63		
1.4	64QAM	1	3	19.52	19.62	19.46		
1.4	64QAM	1	5	19.42	19.44	19.19	20.5	0
1.4	64QAM	3	0	19.21	19.29	19.24		
1.4	64QAM	3	1	19.30	19.40	19.43		
1.4	64QAM	3	3	19.24	19.45	19.18		
1.4	64QAM	6	0	19.17	19.28	19.13	20.5	0
1.4	256QAM	1	0	19.36	19.43	19.15		
1.4	256QAM	1	3	19.50	19.51	19.18		
1.4	256QAM	1	5	19.20	19.54	19.36	20.5	0
1.4	256QAM	3	0	19.34	19.40	19.29		
1.4	256QAM	3	1	19.40	19.55	19.16		
1.4	256QAM	3	3	19.38	19.47	19.29		
1.4	256QAM	6	0	19.36	19.29	19.28	20.5	0

Band 4 Ant4 DSI 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	21.39	21.67	21.44		
20	QPSK	1	49	21.44	21.49	21.39	22.2	0
20	QPSK	1	99	21.51	21.51	21.46		
20	QPSK	50	0	21.52	21.57	21.56		
20	QPSK	50	24	21.53	21.49	21.37	22.2	0
20	QPSK	50	50	21.47	21.52	21.56		
20	QPSK	100	0	21.45	21.40	21.46		
20	16QAM	1	0	21.44	21.56	21.57		
20	16QAM	1	49	21.47	21.53	21.31	22.2	0
20	16QAM	1	99	21.49	21.47	21.51		
20	16QAM	50	0	21.37	21.55	21.52		
20	16QAM	50	24	21.31	21.59	21.45	22.2	0
20	16QAM	50	50	21.56	21.59	21.41		
20	16QAM	100	0	21.42	21.57	21.57		
20	64QAM	1	0	21.37	21.48	21.36		
20	64QAM	1	49	21.51	21.55	21.55	22.2	0
20	64QAM	1	99	21.49	21.50	21.45		
20	64QAM	50	0	21.46	21.61	21.49		
20	64QAM	50	24	21.45	21.52	21.30	22.2	0
20	64QAM	50	50	21.40	21.58	21.45		
20	64QAM	100	0	21.51	21.53	21.53		
20	256QAM	1	0	19.44	19.65	19.54		
20	256QAM	1	49	19.36	19.52	19.42	20.7	1.5
20	256QAM	1	99	19.62	19.53	19.47		
20	256QAM	50	0	19.42	19.68	19.58		
20	256QAM	50	24	19.49	19.46	19.45	20.7	1.5
20	256QAM	50	50	19.56	19.57	19.48		
20	256QAM	100	0	19.51	19.55	19.46		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	21.25	21.51	21.36		
15	QPSK	1	37	21.42	21.43	21.33	22.2	0
15	QPSK	1	74	21.43	21.55	21.42		
15	QPSK	36	0	21.36	21.42	21.40		
15	QPSK	36	20	21.49	21.38	21.25	22.2	0
15	QPSK	36	39	21.37	21.42	21.54		
15	QPSK	75	0	21.39	21.43	21.31		
15	16QAM	1	0	21.26	21.43	21.45		
15	16QAM	1	37	21.31	21.45	21.18	22.2	0
15	16QAM	1	74	21.40	21.38	21.34		
15	16QAM	36	0	21.19	21.50	21.40		
15	16QAM	36	20	21.20	21.57	21.33	22.2	0
15	16QAM	36	39	21.43	21.44	21.27		
15	16QAM	75	0	21.26	21.41	21.47		
15	64QAM	1	0	21.26	21.35	21.30		
15	64QAM	1	37	21.46	21.50	21.51	22.2	0
15	64QAM	1	74	21.44	21.44	21.29		
15	64QAM	36	0	21.35	21.51	21.40		
15	64QAM	36	20	21.35	21.35	21.24	22.2	0
15	64QAM	36	39	21.25	21.50	21.27		
15	64QAM	75	0	21.46	21.43	21.44		
15	256QAM	1	0	19.40	19.57	19.36		
15	256QAM	1	37	19.46	19.37	19.25	20.7	1.5
15	256QAM	1	74	19.55	19.39	19.40		
15	256QAM	36	0	19.34	19.56	19.48		
15	256QAM	36	20	19.43	19.37	19.31	20.7	1.5
15	256QAM	36	39	19.38	19.55	19.37		
15	256QAM	75	0	19.46	19.46	19.43		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	21.32	21.53	21.32		
10	QPSK	1	25	21.38	21.43	21.30	22.2	0
10	QPSK	1	49	21.49	21.45	21.35		
10	QPSK	25	0	21.38	21.50	21.48		
10	QPSK	25	12	21.51	21.42	21.34	22.2	0
10	QPSK	25	25	21.42	21.42	21.48		
10	QPSK	50	0	21.42	21.31	21.44		
10	16QAM	1	0	21.40	21.52	21.50		
10	16QAM	1	25	21.34	21.38	21.27	22.2	0
10	16QAM	1	49	21.31	21.41	21.35		
10	16QAM	25	0	21.22	21.45	21.40		
10	16QAM	25	12	21.16	21.50	21.32	22.2	0
10	16QAM	25	25	21.39	21.52	21.36		
10	16QAM	50	0	21.29	21.54	21.47		
10	64QAM	1	0	21.32	21.44	21.23		
10	64QAM	1	25	21.38	21.48	21.44	22.2	0
10	64QAM	1	49	21.38	21.41	21.31		
10	64QAM	25	0	21.39	21.56	21.39		
10	64QAM	25	12	21.34	21.49	21.23	22.2	0
10	64QAM	25	25	21.37	21.52	21.31		
10	64QAM	50	0	21.46	21.37	21.48		
10	256QAM	1	0	19.42	19.51	19.45		
10	256QAM	1	25	19.28	19.37	19.29	20.7	1.5
10	256QAM	1	49	19.46	19.44	19.38		
10	256QAM	25	0	19.26	19.56	19.50		
10	256QAM	25	12	19.35	19.39	19.34	20.7	1.5
10	256QAM	25	25	19.49	19.46	19.41		
10	256QAM	50	0	19.45	19.52	19.30		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	21.22	21.51	21.38		
5	QPSK	1	12	21.38	21.34	21.32	22.2	0
5	QPSK	1	24	21.46	21.57	21.35		
5	QPSK	12	0	21.50	21.51	21.40		
5	QPSK	12	7	21.49	21.40	21.24	22.2	0
5	QPSK	12	13	21.29	21.41	21.45		
5	QPSK	25	0	21.39	21.34	21.30		
5	16QAM	1	0	21.34	21.40	21.54		
5	16QAM	1	12	21.32	21.43	21.15	22.2	0
5	16QAM	1	24	21.31	21.41	21.37		
5	16QAM	12	0	21.25	21.46	21.45		
5	16QAM	12	7	21.20	21.48	21.34	22.2	0
5	16QAM	12	13	21.44	21.54	21.38		
5	16QAM	25	0	21.25	21.54	21.50		
5	64QAM	1	0	21.26	21.34	21.31		
5	64QAM	1	12	21.41	21.41	21.47	22.2	0
5	64QAM	1	24	21.40	21.37	21.36		
5	64QAM	12	0	21.33	21.50	21.34		
5	64QAM	12	7	21.41	21.49	21.18	22.2	0
5	64QAM	12	13	21.37	21.52	21.31		
5	64QAM	25	0	21.35	21.44	21.46		
5	256QAM	1	0	19.31	19.59	19.42		
5	256QAM	1	12	19.28	19.34	19.37	20.7	1.5
5	256QAM	1	24	19.45	19.49	19.30		
5	256QAM	12	0	19.35	19.54	19.33		
5	256QAM	12	7	19.40	19.35	19.28	20.7	1.5
5	256QAM	12	13	19.40	19.54	19.39		
5	256QAM	25	0	19.48	19.42	19.29		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	21.27	21.56	21.38		
3	QPSK	1	8	21.28	21.41	21.35	22.2	0
3	QPSK	1	14	21.47	21.43	21.33		
3	QPSK	8	0	21.45	21.48	21.41		
3	QPSK	8	4	21.38	21.45	21.35	22.2	0
3	QPSK	8	7	21.34	21.42	21.50		
3	QPSK	15	0	21.36	21.44	21.40		
3	16QAM	1	0	21.41	21.44	21.43		
3	16QAM	1	8	21.39	21.47	21.21	22.2	0
3	16QAM	1	14	21.38	21.40	21.36		
3	16QAM	8	0	21.21	21.41	21.44		
3	16QAM	8	4	21.25	21.43	21.39	22.2	0
3	16QAM	8	7	21.48	21.52	21.25		
3	16QAM	15	0	21.26	21.54	21.47		
3	64QAM	1	0	21.24	21.43	21.30		
3	64QAM	1	8	21.46	21.41	21.43	22.2	0
3	64QAM	1	14	21.38	21.39	21.28		
3	64QAM	8	0	21.33	21.54	21.34		
3	64QAM	8	4	21.32	21.35	21.25	22.2	0
3	64QAM	8	7	21.36	21.43	21.34		
3	64QAM	15	0	21.40	21.49	21.42		
3	256QAM	1	0	19.33	19.50	19.48		
3	256QAM	1	8	19.31	19.46	19.33	20.7	1.5
3	256QAM	1	14	19.46	19.36	19.36		
3	256QAM	8	0	19.36	19.53	19.50		
3	256QAM	8	4	19.40	19.43	19.41	20.7	1.5
3	256QAM	8	7	19.40	19.54	19.33		
3	256QAM	15	0	19.46	19.39	19.37		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	21.25	21.53	21.37		
1.4	QPSK	1	3	21.28	21.46	21.24		
1.4	QPSK	1	5	21.37	21.48	21.41	22.2	0
1.4	QPSK	3	0	21.34	21.41	21.40		
1.4	QPSK	3	1	21.42	21.38	21.24		
1.4	QPSK	3	3	21.35	21.36	21.51		
1.4	QPSK	6	0	21.42	21.43	21.39	22.2	0
1.4	16QAM	1	0	21.36	21.43	21.44		
1.4	16QAM	1	3	21.42	21.39	21.24		
1.4	16QAM	1	5	21.39	21.42	21.35	22.2	0
1.4	16QAM	3	0	21.31	21.38	21.34		
1.4	16QAM	3	1	21.21	21.50	21.35		
1.4	16QAM	3	3	21.43	21.46	21.25		
1.4	16QAM	6	0	21.36	21.53	21.53	22.2	0
1.4	64QAM	1	0	21.33	21.45	21.18		
1.4	64QAM	1	3	21.40	21.50	21.42		
1.4	64QAM	1	5	21.33	21.33	21.31	22.2	0
1.4	64QAM	3	0	21.30	21.52	21.42		
1.4	64QAM	3	1	21.33	21.40	21.16		
1.4	64QAM	3	3	21.38	21.43	21.41		
1.4	64QAM	6	0	21.47	21.50	21.49	22.2	0
1.4	256QAM	1	0	19.36	19.51	19.42		
1.4	256QAM	1	3	19.33	19.40	19.36		
1.4	256QAM	1	5	19.51	19.45	19.38	20.7	1.5
1.4	256QAM	3	0	19.28	19.56	19.42		
1.4	256QAM	3	1	19.34	19.29	19.36		
1.4	256QAM	3	3	19.47	19.49	19.31		
1.4	256QAM	6	0	19.34	19.50	19.31	20.7	1.5

Band 7 Ant4 DSI 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	19.57	19.73	19.67		
20	QPSK	1	49	19.58	19.55	19.71	20.2	0
20	QPSK	1	99	19.67	19.61	19.45		
20	QPSK	50	0	19.54	19.67	19.50		
20	QPSK	50	24	19.65	19.63	19.63	20.2	0
20	QPSK	50	50	19.47	19.51	19.58		
20	QPSK	100	0	19.47	19.57	19.54		
20	16QAM	1	0	19.50	19.45	19.63		
20	16QAM	1	49	19.45

Band 25 Ant4 DSI 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	20.54	20.71	20.61		
20	QPSK	1	49	20.48	20.55	20.59	21.5	0
20	QPSK	1	99	20.45	20.52	20.42		
20	QPSK	50	0	20.37	20.51	20.50		
20	QPSK	50	24	20.36	20.33	20.44	21.5	0
20	QPSK	50	50	20.40	20.48	20.37		
20	QPSK	100	0	20.39	20.54	20.50		
20	16QAM	1	0	20.49	20.56	20.48		
20	16QAM	1	49	20.44	20.48	20.33	21.5	0
20	16QAM	1	99	20.54	20.48	20.42		
20	16QAM	50	0	20.56	20.63	20.62		
20	16QAM	50	24	20.46	20.66	20.52	21.5	0
20	16QAM	50	50	20.48	20.57	20.37		
20	16QAM	100	0	20.39	20.63	20.53		
20	64QAM	1	0	20.45	20.37	20.31		
20	64QAM	1	49	20.42	20.50	20.39	21.5	0
20	64QAM	1	99	20.42	20.61	20.56		
20	64QAM	50	0	20.57	20.53	20.52		
20	64QAM	50	24	20.44	20.53	20.34	21.5	0
20	64QAM	50	50	20.48	20.57	20.52		
20	64QAM	100	0	20.45	20.51	20.41		
20	256QAM	1	0	19.41	19.58	19.46		
20	256QAM	1	49	19.38	19.45	19.39	20.5	1
20	256QAM	1	99	19.49	19.43	19.44		
20	256QAM	50	0	19.50	19.62	19.58		
20	256QAM	50	24	19.43	19.66	19.55	20.5	1
20	256QAM	50	50	19.38	19.46	19.35		
20	256QAM	100	0	19.47	19.48	19.52		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	20.47	20.59	20.52		
15	QPSK	1	37	20.44	20.45	20.42	21.5	0
15	QPSK	1	74	20.38	20.49	20.32		
15	QPSK	36	0	20.20	20.42	20.34		
15	QPSK	36	20	20.33	20.19	20.27	21.5	0
15	QPSK	36	39	20.25	20.44	20.34		
15	QPSK	75	0	20.29	20.47	20.46		
15	16QAM	1	0	20.42	20.45	20.34		
15	16QAM	1	37	20.39	20.41	20.29	21.5	0
15	16QAM	1	74	20.51	20.34	20.30		
15	16QAM	36	0	20.44	20.58	20.49		
15	16QAM	36	20	20.41	20.59	20.38	21.5	0
15	16QAM	36	39	20.31	20.53	20.21		
15	16QAM	75	0	20.35	20.45	20.41		
15	64QAM	1	0	20.30	20.28	20.16		
15	64QAM	1	37	20.27	20.42	20.34	21.5	0
15	64QAM	1	74	20.37	20.55	20.43		
15	64QAM	36	0	20.44	20.50	20.49		
15	64QAM	36	20	20.30	20.41	20.26	21.5	0
15	64QAM	36	39	20.44	20.44	20.49		
15	64QAM	75	0	20.41	20.38	20.26		
15	256QAM	1	0	19.24	19.55	19.40		
15	256QAM	1	37	19.30	19.37	19.37	20.5	1
15	256QAM	1	74	19.46	19.26	19.28		
15	256QAM	36	0	19.44	19.58	19.41		
15	256QAM	36	20	19.26	19.52	19.49	20.5	1
15	256QAM	36	39	19.32	19.35	19.23		
15	256QAM	75	0	19.33	19.41	19.35		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	20.44	20.67	20.46		
10	QPSK	1	25	20.45	20.50	20.54	21.5	0
10	QPSK	1	49	20.32	20.35	20.32		
10	QPSK	25	0	20.23	20.45	20.42		
10	QPSK	25	12	20.21	20.21	20.28	21.5	0
10	QPSK	25	25	20.25	20.44	20.32		
10	QPSK	50	0	20.31	20.43	20.38		
10	16QAM	1	0	20.37	20.42	20.31		
10	16QAM	1	25	20.29	20.31	20.20	21.5	0
10	16QAM	1	49	20.45	20.38	20.31		
10	16QAM	25	0	20.54	20.61	20.54		
10	16QAM	25	12	20.37	20.51	20.35	21.5	0
10	16QAM	25	25	20.39	20.45	20.34		
10	16QAM	50	0	20.33	20.60	20.49		
10	64QAM	1	0	20.40	20.23	20.16		
10	64QAM	1	25	20.25	20.37	20.27	21.5	0
10	64QAM	1	49	20.34	20.59	20.43		
10	64QAM	25	0	20.47	20.42	20.46		
10	64QAM	25	12	20.40	20.37	20.16	21.5	0
10	64QAM	25	25	20.35	20.54	20.39		
10	64QAM	50	0	20.34	20.47	20.34		
10	256QAM	1	0	19.27	19.45	19.33		
10	256QAM	1	25	19.32	19.30	19.33	20.5	1
10	256QAM	1	49	19.46	19.31	19.27		
10	256QAM	25	0	19.32	19.57	19.51		
10	256QAM	25	12	19.29	19.48	19.48	20.5	1
10	256QAM	25	25	19.23	19.44	19.26		
10	256QAM	50	0	19.30	19.35	19.35		
Channel				26065	26340	26865	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	20.42	20.53	20.56		
5	QPSK	1	12	20.34	20.52	20.52	21.5	0
5	QPSK	1	24	20.34	20.49	20.27		
5	QPSK	12	0	20.29	20.40	20.47		
5	QPSK	12	7	20.24	20.30	20.28	21.5	0
5	QPSK	12	13	20.37	20.31	20.21		
5	QPSK	25	0	20.37	20.44	20.45		
5	16QAM	1	0	20.41	20.47	20.40		
5	16QAM	1	12	20.27	20.42	20.28	21.5	0
5	16QAM	1	24	20.39	20.45	20.28		
5	16QAM	12	0	20.48	20.61	20.53		
5	16QAM	12	7	20.44	20.61	20.39	21.5	0
5	16QAM	12	13	20.33	20.52	20.29		
5	16QAM	25	0	20.22	20.54	20.50		
5	64QAM	1	0	20.31	20.21	20.16		
5	64QAM	1	12	20.38	20.47	20.28	21.5	0
5	64QAM	1	24	20.40	20.54	20.42		
5	64QAM	12	0	20.55	20.50	20.44		
5	64QAM	12	7	20.32	20.49	20.29	21.5	0
5	64QAM	12	13	20.42	20.41	20.44		
5	64QAM	25	0	20.40	20.42	20.28		
5	256QAM	1	0	19.36	19.46	19.35		
5	256QAM	1	12	19.27	19.40	19.28	20.5	1
5	256QAM	1	24	19.33	19.39	19.36		
5	256QAM	12	0	19.39	19.46	19.54		
5	256QAM	12	7	19.34	19.51	19.43	20.5	1
5	256QAM	12	13	19.32	19.43	19.21		
5	256QAM	25	0	19.35	19.38	19.48		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	20.51	20.56	20.57		
3	QPSK	1	8	20.42	20.51	20.52	21.5	0
3	QPSK	1	14	20.39	20.38	20.35		
3	QPSK	8	0	20.29	20.47	20.39		
3	QPSK	8	4	20.27	20.19	20.36	21.5	0
3	QPSK	8	7	20.28	20.30	20.35		
3	QPSK	15	0	20.27	20.45	20.47		
3	16QAM	1	0	20.43	20.39	20.30		
3	16QAM	1	8	20.42	20.41	20.23	21.5	0
3	16QAM	1	14	20.50	20.31	20.39		
3	16QAM	8	0	20.48	20.46	20.55		
3	16QAM	8	4	20.36	20.55	20.48	21.5	0
3	16QAM	8	7	20.34	20.54	20.32		
3	16QAM	15	0	20.30	20.58	20.50		
3	64QAM	1	0	20.29	20.22	20.17		
3	64QAM	1	8	20.38	20.46	20.24	21.5	0
3	64QAM	1	14	20.29	20.44	20.42		
3	64QAM	8	0	20.54	20.49	20.48		
3	64QAM	8	4	20.31	20.36	20.19	21.5	0
3	64QAM	8	7	20.35	20.40	20.45		
3	64QAM	15	0	20.41	20.43	20.32		
3	256QAM	1	0	19.29	19.43	19.39		
3	256QAM	1	8	19.24	19.27	19.35	20.5	1
3	256QAM	1	14	19.41	19.36	19.35		
3	256QAM	8	0	19.38	19.50	19.42		
3	256QAM	8	4	19.40	19.51	19.39	20.5	1
3	256QAM	8	7	19.23	19.37	19.30		
3	256QAM	15	0	19.36	19.38	19.35		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	20.37	20.56	20.48		
1.4	QPSK	1	3	20.35	20.38	20.45		
1.4	QPSK	1	5	20.40	20.43	20.38	21.5	0
1.4	QPSK	3	0	20.35	20.44	20.47		
1.4	QPSK	3	1	20.30	20.17	20.37		
1.4	QPSK	3	3	20.34	20.41	20.28		
1.4	QPSK	6	0	20.33	20.49	20.39	21.5	0
1.4	16QAM	1	0	20.45	20.52	20.43		
1.4	16QAM	1	3	20.27	20.43	20.19		
1.4	16QAM	1	5	20.45	20.41	20.37	21.5	0
1.4	16QAM	3	0	20.48	20.58	20.53		
1.4	16QAM	3	1	20.35	20.59	20.48		
1.4	16QAM	3	3	20.45	20.47	20.25		
1.4	16QAM	6	0	20.28	20.58	20.38	21.5	0
1.4	64QAM	1	0	20.31	20.23	20.25		
1.4	64QAM	1	3	20.37	20.40	20.22		
1.4	64QAM	1	5	20.26	20.49	20.38	21.5	0
1.4	64QAM	3	0	20.52	20.36	20.37		
1.4	64QAM	3	1	20.31	20.48	20.19		
1.4	64QAM	3	3	20.45	20.52	20.38		
1.4	64QAM	6	0	20.29	20.47	20.26	21.5	0
1.4	256QAM	1	0	19.35	19.48	19.35		
1.4	256QAM	1	3	19.34	19.37	19.37		
1.4	256QAM	1	5	19.38	19.38	19.39	20.5	1
1.4	256QAM	3	0	19.44	19.46	19.47		
1.4	256QAM	3	1	19.32	19.56	19.41		
1.4	256QAM	3	3	19.29	19.37	19.31		
1.4	256QAM	6	0	19.30	19.41	19.35	20.5	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	21.06	21.14	20.92		
20	QPSK	1	49	21.09	21.03	20.93	21.7	0
20	QPSK	1	99	20.92	21.05	21.04		
20	QPSK	50	0	21.01	21.09	21.04		
20	QPSK	50	24	20.88	21.02	20.83	21.7	0
20	QPSK	50	50	20.90	21.06	21.07		
20	QPSK	100	0	20.96	20.98	20.93		
20	16QAM	1	0	20.99	21.06	20.85		
20	16QAM	1	49	20.96	20.96	20.89	21.7	0
20	16QAM	1	99	20.85	20.89	20.93		
20	16QAM	50	0	20.85	20.95	20.96		
20	16QAM	50	24	20.75	20.90	20.75	21.7	0
20	16QAM	50	50	20.72	21.02	20.93		
20	16QAM	100	0	20.90	20.89	20.87		
20	64QAM	1	0	20.92	21.07	20.83		
20	64QAM	1	49	20.91	20.96	20.89	21.7	0
20	64QAM	1	99	20.80	20.92	20.92		
20	64QAM	50	0	20.91	21.05	20.92		
20	64QAM	50	24	20.75	20.90	20.75	21.7	0
20	64QAM	50	50	20.80	20.96	20.98		
20	64QAM	100	0	20.92	20.95	20.82		
20	256QAM	1	0	18.74	18.77	18.59		
20	256QAM	1	49	18.79	18.69	18.62	19.7	2
20	256QAM	1	99	18.50	18.68	18.72		
20	256QAM	50	0	18.71	18.71	18.71		
20	256QAM	50	24	18.50	18.60	18.51	19.7	2
20	256QAM	50	50	18.59	18.70	18.77		
20	256QAM	100	0	18.64	18.66	18.58		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	21.01	20.97	20.82		
15	QPSK	1	37	20.92	20.87	20.81	21.7	0
15	QPSK	1	74	20.82	20.89	20.88		
15	QPSK	36	0	20.88	20.98	21.01		
15	QPSK	36	20	20.71	20.98	20.67	21.7	0
15	QPSK	36	39	20.67	20.93	20.91		
15	QPSK	75	0	20.86	20.80	20.79		
15	16QAM	1	0	20.86	21.02	20.81		
15	16QAM	1	37	20.90	20.92	20.77	21.7	0
15	16QAM	1	74	20.70	20.71	20.86		
15	16QAM	36	0	20.73	20.85	20.84		
15	16QAM	36	20	20.68	20.85	20.66	21.7	0
15	16QAM	36	39	20.64	20.88	20.84		
15	16QAM	75	0	20.79	20.72	20.77		
15	64QAM	1	0	20.78	20.98	20.78		
15	64QAM	1	37	20.82	20.79	20.74	21.7	0
15	64QAM	1	74	20.70	20.80	20.86		
15	64QAM	36	0	20.86	20.87	20.76		
15	64QAM	36	20	20.60	20.80	20.67	21.7	0
15	64QAM	36	39	20.74	20.86	20.94		
15	64QAM	75	0	20.74	20.89	20.79		
15	256QAM	1	0	18.68	18.60	18.56		
15	256QAM	1	37	18.65	18.58	18.54	19.7	2
15	256QAM	1	74	18.42	18.61	18.66		
15	256QAM	36	0	18.63	18.67	18.65		
15	256QAM	36	20	18.32	18.55	18.48	19.7	2
15	256QAM	36	39	18.49	18.67	18.65		
15	256QAM	75	0	18.50	18.63	18.54		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	21.04	21.11	20.79		
10	QPSK	1	25	20.96	20.94	20.83	21.7	0
10	QPSK	1	49	20.82	21.02	20.92		
10	QPSK	25	0	20.93	20.98	20.90		
10	QPSK	25	12	20.85	20.92	20.78	21.7	0
10	QPSK	25	25	20.77	20.88	20.92		
10	QPSK	50	0	20.78	20.86	20.79		
10	16QAM	1	0	20.84	20.99	20.73		
10	16QAM	1	25	20.82	20.79	20.80	21.7	0
10	16QAM	1	49	20.76	20.76	20.77		
10	16QAM	25	0	20.73	20.91	20.87		
10	16QAM	25	12	20.61	20.73	20.64	21.7	0
10	16QAM	25	25	20.69	20.88	20.88		
10	16QAM	50	0	20.76	20.83	20.79		
10	64QAM	1	0	20.89	20.96	20.69		
10	64QAM	1	25	20.85	20.82	20.73	21.7	0
10	64QAM	1	49	20.69	20.87	20.89		
10	64QAM	25	0	20.83	20.96	20.81		
10	64QAM	25	12	20.72	20.77	20.67	21.7	0
10	64QAM	25	25	20.77	20.82	20.95		
10	64QAM	50	0	20.74	20.78	20.75		
10	256QAM	1	0	18.65	18.72	18.47		
10	256QAM	1	25	18.70	18.55	18.56	19.7	2
10	256QAM	1	49	18.42	18.53	18.63		
10	256QAM	25	0	18.62	18.68	18.57		
10	256QAM	25	12	18.42	18.43	18.37	19.7	2
10	256QAM	25	25	18.44	18.57	18.62		
10	256QAM	50	0	18.51	18.48	18.49		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	21.03	21.10	20.82		
5	QPSK	1	12	21.06	20.86	20.82	21.7	0
5	QPSK	1	24	20.86	20.89	20.96		
5	QPSK	12	0	20.93	21.03	20.92		
5	QPSK	12	7	20.75	20.88	20.70	21.7	0
5	QPSK	12	13	20.76	20.97	20.89		
5	QPSK	25	0	20.89	20.85	20.85		
5	16QAM	1	0	20.83	20.93	20.74		
5	16QAM	1	12	20.84	20.84	20.78	21.7	0
5	16QAM	1	24	20.74	20.76	20.87		
5	16QAM	12	0	20.78	20.86	20.83		
5	16QAM	12	7	20.61	20.86	20.61	21.7	0
5	16QAM	12	13	20.58	20.93	20.84		
5	16QAM	25	0	20.76	20.77	20.70		
5	64QAM	1	0	20.75	20.89	20.78		
5	64QAM	1	12	20.87	20.90	20.83	21.7	0
5	64QAM	1	24	20.72	20.75	20.87		
5	64QAM	12	0	20.82	21.01	20.86		
5	64QAM	12	7	20.62	20.84	20.71	21.7	0
5	64QAM	12	13	20.70	20.93	20.84		
5	64QAM	25	0	20.76	20.91	20.77		
5	256QAM	1	0	18.70	18.69	18.48		
5	256QAM	1	12	18.70	18.55	18.55	19.7	2
5	256QAM	1	24	18.39	18.55	18.58		
5	256QAM	12	0	18.54	18.55	18.53		
5	256QAM	12	7	18.35	18.52	18.41	19.7	2
5	256QAM	12	13	18.42	18.54	18.69		
5	256QAM	25	0	18.54	18.61	18.42		
Channel				131982	132322	132537	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	20.94	21.10	20.90		
3	QPSK	1	8	20.96	20.87	20.76	21.7	0
3	QPSK	1	14	20.81	20.95	20.95		
3	QPSK	8	0	20.94	21.02	20.91		
3	QPSK	8	4	20.77	20.90	20.81	21.7	0
3	QPSK	8	7	20.73	20.97	20.98		
3	QPSK	15	0	20.91	20.90	20.85		
3	16QAM	1	0	20.88	21.00	20.70		
3	16QAM	1	8	20.80	20.88	20.82	21.7	0
3	16QAM	1	14	20.77	20.85	20.75		
3	16QAM	8	0	20.71	20.93	20.82		
3	16QAM	8	4	20.69	20.80	20.64	21.7	0
3	16QAM	8	7	20.54	20.97	20.77		
3	16QAM	15	0	20.83	20.81	20.84		
3	64QAM	1	0	20.86	20.99	20.77		
3	64QAM	1	8	20.78	20.88	20.85	21.7	0
3	64QAM	1	14	20.65	20.86	20.78		
3	64QAM	8	0	20.87	20.91	20.77		
3	64QAM	8	4	20.61	20.78	20.64	21.7	0
3	64QAM	8	7	20.67	20.89	20.95		
3	64QAM	15	0	20.81	20.80	20.71		
3	256QAM	1	0	18.58	18.63	18.52		
3	256QAM	1	8	18.70	18.64	18.49	19.7	2
3	256QAM	1	14	18.42	18.57	18.67		
3	256QAM	8	0	18.67	18.58	18.68		
3	256QAM	8	4	18.39	18.43	18.48	19.7	2
3	256QAM	8	7	18.46	18.63	18.63		
3	256QAM	15	0	18.61	18.48	18.47		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	20.88	21.11	20.87		
1.4	QPSK	1	3	20.98	20.87	20.83		
1.4	QPSK	1	5	20.79	21.01	21.00	21.7	0
1.4	QPSK	3	0	20.93	21.06	20.90		
1.4	QPSK	3	1	20.79	20.85	20.80		
1.4	QPSK	3	3	20.83	20.90	20.97		
1.4	QPSK	6	0	20.93	20.89	20.91	21.7	0
1.4	16QAM	1	0	20.89	20.88	20.77		
1.4	16QAM	1	3	20.83	20.86	20.71		
1.4	16QAM	1	5	20.72	20.79	20.82	21.7	0
1.4	16QAM	3	0	20.75	20.78	20.89		
1.4	16QAM	3	1	20.70	20.84	20.72		
1.4	16QAM	3	3	20.62	20.91	20.79		
1.4	16QAM	6	0	20.83	20.86	20.69	21.7	0
1.4	64QAM	1	0	20.89	20.90	20.70		
1.4	64QAM	1	3	20.77	20.84	20.80		
1.4	64QAM	1	5	20.69	20.83	20.77	21.7	0
1.4	64QAM	3	0	20.86	21.03	20.84		
1.4	64QAM	3	1	20.66	20.76	20.63		
1.4	64QAM	3	3	20.64	20.79	20.81		
1.4	64QAM	6	0	20.82	20.88	20.75	21.7	0
1.4	256QAM	1	0	18.72	18.66	18.55		
1.4	256QAM	1	3	18.71	18.52	18.55		
1.4	256QAM	1	5	18.38	18.53	18.69	19.7	2
1.4	256QAM	3	0	18.64	18.57	18.55		
1.4	256QAM	3	1	18.32	18.53	18.48		
1.4	256QAM	3	3	18.56	18.55	18.65		
1.4	256QAM	6	0	18.49	18.63	18.41	19.7	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	2596	2610		
20	QPSK	1	0	22.54	22.66	22.58	23.2	0
20	QPSK	1	49	22.40	22.51	22.39		
20	QPSK	1	99	22.22	22.32	22.24		
20	QPSK	50	0	22.55	22.64	22.57	23.2	0
20	QPSK	50	24	22.41	22.52	22.41		
20	QPSK	50	50	22.54	22.63	22.56		
20	QPSK	100	0	22.37	22.60	22.46		
20	16QAM	1	0	22.56	22.63	22.55	23.2	0
20	16QAM	1	49	22.38	22.58	22.38		
20	16QAM	1	99	22.36	22.59	22.47		
20	16QAM	50	0	22.53	22.55	22.49	23.2	0
20	16QAM	50	24	22.34	22.52	22.31		
20	16QAM	50	50	22.27	22.32	22.29		
20	16QAM	100	0	22.46	22.58	22.43		
20	64QAM	1	0	22.40	22.57	22.51	23.2	0
20	64QAM	1	49	22.50	22.57	22.46		
20	64QAM	1	99	22.48	22.57	22.50		
20	64QAM	50	0	22.55	22.51	22.54	23.2	0
20	64QAM	50	24	22.44	22.50	22.41		
20	64QAM	50	50	22.45	22.49	22.55		
20	64QAM	100	0	22.42	22.51	22.43		
20	256QAM	1	0	19.79	19.91	19.81	20.7	2.5
20	256QAM	1	49	19.71	19.79	19.71		
20	256QAM	1	99	19.81	19.84	19.83		
20	256QAM	50	0	19.67	19.83	19.80	20.7	2.5
20	256QAM	50	24	19.90	19.78	19.76		
20	256QAM	50	50	19.77	19.80	19.78		
20	256QAM	100	0	19.69	19.91	19.83		
Channel				37825	38000	38175	Tune-up limit	MPR
Frequency (MHz)				2577.5	2596	2612.5	(dBm)	(dB)
15	QPSK	1	0	22.46	22.51	22.40	23.2	0
15	QPSK	1	37	22.25	22.43	22.18		
15	QPSK	1	74	22.02	22.13	22.07		
15	QPSK	36	0	22.33	22.54	22.37	23.2	0
15	QPSK	36	20	22.23	22.29	22.21		
15	QPSK	36	39	22.46	22.51	22.46		
15	QPSK	75	0	22.25	22.37	22.36		
15	16QAM	1	0	22.48	22.51	22.39	23.2	0
15	16QAM	1	37	22.30	22.43	22.24		
15	16QAM	1	74	22.27	22.46	22.36		
15	16QAM	36	0	22.34	22.47	22.35	23.2	0
15	16QAM	36	20	22.17	22.34	22.16		
15	16QAM	36	39	22.14	22.22	22.13		
15	16QAM	75	0	22.32	22.41	22.21		
15	64QAM	1	0	22.26	22.44	22.39	23.2	0
15	64QAM	1	37	22.35	22.37	22.26		
15	64QAM	1	74	22.32	22.41	22.40		
15	64QAM	36	0	22.46	22.42	22.37	23.2	0
15	64QAM	36	20	22.24	22.30	22.25		
15	64QAM	36	39	22.26	22.28	22.46		
15	64QAM	75	0	22.25	22.35	22.22		
15	256QAM	1	0	19.69	19.70	19.71	20.7	2.5
15	256QAM	1	37	19.51	19.68	19.53		
15	256QAM	1	74	19.64	19.67	19.66		
15	256QAM	36	0	19.50	19.73	19.62	20.7	2.5
15	256QAM	36	20	19.83	19.60	19.58		
15	256QAM	36	39	19.60	19.59	19.55		
15	256QAM	75	0	19.48	19.77	19.74		
Channel				37800	38000	38200	Tune-up limit	MPR
Frequency (MHz)				2575	2596	2615	(dBm)	(dB)
10	QPSK	1	0	22.40	22.47	22.37	23.2	0
10	QPSK	1	25	22.32	22.37	22.27		
10	QPSK	1	49	22.07	22.14	22.06		
10	QPSK	25	0	22.45	22.44	22.35	23.2	0
10	QPSK	25	12	22.19	22.30	22.22		
10	QPSK	25	25	22.45	22.43	22.33		
10	QPSK	50	0	22.23	22.42	22.26		
10	16QAM	1	0	22.44	22.53	22.48	23.2	0
10	16QAM	1	25	22.16	22.50	22.26		
10	16QAM	1	49	22.17	22.50	22.30		
10	16QAM	25	0	22.43	22.36	22.32	23.2	0
10	16QAM	25	12	22.27	22.34	22.08		
10	16QAM	25	25	22.13	22.21	22.06		
10	16QAM	50	0	22.35	22.48	22.30		
10	64QAM	1	0	22.20	22.43	22.33	23.2	0
10	64QAM	1	25	22.38	22.39	22.33		
10	64QAM	1	49	22.35	22.47	22.38		
10	64QAM	25	0	22.46	22.31	22.38	23.2	0
10	64QAM	25	12	22.30	22.28	22.18		
10	64QAM	25	25	22.24	22.32	22.38		
10	64QAM	50	0	22.33	22.31	22.22		
10	256QAM	1	0	19.65	19.80	19.74	20.7	2.5
10	256QAM	1	25	19.64	19.58	19.54		
10	256QAM	1	49	19.73	19.75	19.66		
10	256QAM	25	0	19.53	19.74	19.63	20.7	2.5
10	256QAM	25	12	19.79	19.57	19.55		
10	256QAM	25	25	19.54	19.72	19.67		
10	256QAM	50	0	19.48	19.74	19.61		
Channel				37775	38000	38225	Tune-up limit	MPR
Frequency (MHz)				2572.5	2596	2617.5	(dBm)	(dB)
5	QPSK	1	0	22.35	22.52	22.48	23.2	0
5	QPSK	1	12	22.22	22.29	22.27		
5	QPSK	1	24	22.04	22.14	22.03		
5	QPSK	12	0	22.48	22.50	22.48	23.2	0
5	QPSK	12	7	22.33	22.32	22.31		
5	QPSK	12	13	22.45	22.42	22.39		
5	QPSK	25	0	22.15	22.47	22.33	23.2	0
5	16QAM	1	0	22.48	22.50	22.34		
5	16QAM	1	12	22.24	22.41	22.19		
5	16QAM	1	24	22.14	22.47	22.39		
5	16QAM	12	0	22.41	22.37	22.28	23.2	0
5	16QAM	12	7	22.13	22.30	22.15		
5	16QAM	12	13	22.17	22.13	22.06		
5	16QAM	25	0	22.30	22.50	22.35		
5	64QAM	1	0	22.17	22.50	22.41	23.2	0
5	64QAM	1	12	22.38	22.37	22.23		
5	64QAM	1	24	22.40	22.36	22.30		
5	64QAM	12	0	22.41	22.37	22.44	23.2	0
5	64QAM	12	7	22.21	22.28	22.32		
5	64QAM	12	13	22.31	22.40	22.33		
5	64QAM	25	0	22.24	22.31	22.25		
5	256QAM	1	0	19.57	19.74	19.59	20.7	2.5
5	256QAM	1	12	19.51	19.68	19.50		
5	256QAM	1	24	19.64	19.62	19.62		
5	256QAM	12	0	19.52	19.61	19.64	20.7	2.5
5	256QAM	12	7	19.79	19.65	19.60		
5	256QAM	12	13	19.57	19.59	19.68		
5	256QAM	25	0	19.51	19.68	19.64		

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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	21.49	21.46	21.55	21.34	21.51	22.2	0
20	QPSK	1	49	21.30	21.34	21.40	21.45	21.30		
20	QPSK	1	99	21.50	21.50	21.48	21.43	21.36		
20	QPSK	50	0	21.29	21.39	21.51	21.34	21.36	22.2	0
20	QPSK	50	24	21.45	21.39	21.42	21.38	21.42		
20	QPSK	50	50	21.36	21.29	21.45	21.35	21.40		
20	QPSK	100	0	21.30	21.27	21.40	21.32	21.33		
20	16QAM	1	0	21.43	21.49	21.51	21.46	21.35	22.2	0
20	16QAM	1	49	21.36	21.24	21.47	21.42	21.36		
20	16QAM	1	99	21.35	21.34	21.36	21.27	21.49		
20	16QAM	50	0	21.32	21.34	21.39	21.31	21.46	22.2	0
20	16QAM	50	24	21.22	21.31	21.31	21.41	21.13		
20	16QAM	50	50	21.42	21.45	21.39	21.33	21.26		
20	16QAM	100	0	21.24	21.22	21.41	21.20	21.33		
20	64QAM	1	0	21.28	21.24	21.27	21.24	21.24	22.2	0
20	64QAM	1	49	21.24	21.15	21.37	21.33	21.27		
20	64QAM	1	99	21.18	21.14	21.30	21.28	21.25		
20	64QAM	50	0	21.28	21.36	21.40	21.34	21.30	22.2	0
20	64QAM	50	24	21.27	21.18	21.30	21.35	21.29		
20	64QAM	50	50	21.22	21.30	21.20	21.15	21.33		
20	64QAM	100	0	21.17	21.30	21.21	21.11	21.35		
20	256QAM	1	0	19.56	19.67	19.71	19.63	19.55	20.7	1.5
20	256QAM	1	49	19.65	19.58	19.64	19.69	19.66		
20	256QAM	1	99	19.55	19.48	19.69	19.59	19.62		
20	256QAM	50	0	19.59	19.53	19.59	19.61	19.55	20.7	1.5
20	256QAM	50	24	19.68	19.73	19.77	19.66	19.54		
20	256QAM	50	50	19.66	19.42	19.73	19.68	19.62		
20	256QAM	100	0	19.57	19.66	19.56	19.44	19.75		
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	21.34	21.35	21.38	21.25	21.48	22.20	0
15	QPSK	1	37	21.20	21.18	21.24	21.38	21.16		
15	QPSK	1	74	21.42	21.35	21.31	21.39	21.19		
15	QPSK	36	0	21.17	21.23	21.42	21.19	21.19	22.2	0
15	QPSK	36	20	21.30	21.22	21.27	21.26	21.27		
15	QPSK	36	39	21.32	21.21	21.28	21.33	21.38		
15	QPSK	75	0	21.24	21.17	21.33	21.21	21.16		
15	16QAM	1	0	21.27	21.46	21.40	21.41	21.31	22.2	0
15	16QAM	1	37	21.34	21.17	21.41	21.32	21.21		
15	16QAM	1	74	21.18	21.31	21.29	21.17	21.33		
15	16QAM	36	0	21.25	21.17	21.34	21.13	21.40	22.2	0
15	16QAM	36	20	21.09	21.13	21.20	21.26	21.06		
15	16QAM	36	39	21.36	21.37	21.35	21.22	21.15		
15	16QAM	75	0	21.12	21.10	21.31	21.09	21.23		
15	64QAM	1	0	21.23	21.15	21.19	21.21	21.20	22.2	0
15	64QAM	1	37	21.09	21.00	21.33	21.30	21.16		
15	64QAM	1	74	21.08	21.01	21.27	21.15	21.18		
15	64QAM	36	0	21.21	21.24	21.37	21.25	21.20	22.2	0
15	64QAM	36	20	21.14	21.10	21.17	21.22	21.15		
15	64QAM	36	39	21.16	21.13	21.13	21.02	21.18		
15	64QAM	75	0	21.06	21.25	21.14	20.96	21.22		
15	256QAM	1	0	19.45	19.64	19.66	19.61	19.52	20.7	1.5
15	256QAM	1	37	19.57	19.54	19.50	19.52	19.58		
15	256QAM	1	74	19.46	19.31	19.62	19.45	19.57		
15	256QAM	36	0	19.52	19.41	19.42	19.43	19.46	20.7	1.5
15	256QAM	36	20	19.60	19.64	19.66	19.51	19.45		
15	256QAM	36	39	19.54	19.32	19.68	19.64	19.48		
15	256QAM	75	0	19.47	19.58	19.53	19.41	19.60		
Channel				39700	40160	40620	41080	41540	Tune-up limit	MPR
Frequency (MHz)				2501	2547	2593	2639	2685	(dBm)	(dB)
10	QPSK	1	0	21.33	21.29	21.46	21.27	21.45	22.20	0
10	QPSK	1	25	21.25	21.22	21.24	21.30	21.23		
10	QPSK	1	49	21.37	21.40	21.42	21.27	21.28		
10	QPSK	25	0	21.25	21.23	21.36	21.29	21.28	22.2	0
10	QPSK	25	12	21.35	21.31	21.28	21.28	21.37		
10	QPSK	25	25	21.34	21.18	21.43	21.33	21.36		
10	QPSK	50	0	21.27	21.23	21.26	21.15	21.28		
10	16QAM	1	0	21.35	21.35	21.40	21.40	21.26	22.2	0
10	16QAM	1	25	21.32	21.09	21.39	21.39	21.23		
10	16QAM	1	49	21.29	21.16	21.26	21.18	21.47		
10	16QAM	25	0	21.16	21.21	21.28	21.21	21.31	22.2	0
10	16QAM	25	12	21.07	21.27	21.15	21.26	21.00		
10	16QAM	25	25	21.26	21.42	21.28	21.17	21.14		
10	16QAM	50	0	21.21	21.18	21.27	21.06	21.21		
10	64QAM	1	0	21.19	21.10	21.15	21.11	21.22	22.2	0
10	64QAM	1	25	21.11	21.01	21.24	21.20	21.11		
10	64QAM	1	49	21.08	21.09	21.19	21.21	21.17		
10	64QAM	25	0	21.12	21.30	21.23	21.31	21.18	22.2	0
10	64QAM	25	12	21.17	21.07	21.18	21.24	21.19		
10	64QAM	25	25	21.07	21.21	21.38	21.08	21.28		
10	64QAM	50	0	21.11	21.18	21.11	21.02	21.27		
10	256QAM	1	0	19.49	19.63	19.58	19.53	19.39	20.7	1.5
10	256QAM	1	25	19.55	19.51	19.54	19.53	19.62		
10	256QAM	1	49	19.44	19.46	19.60	19.47	19.55		
10	256QAM	25	0	19.56	19.35	19.42	19.49	19.40	20.7	1.5
10	256QAM	25	12	19.55	19.64	19.65	19.52	19.37		
10	256QAM	25	25	19.48	19.39	19.65	19.57	19.58		
10	256QAM	50	0	19.43	19.59	19.48	19.32	19.68		
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	21.46	21.33	21.42	21.21	21.45	22.20	0
5	QPSK	1	12	21.22	21.31	21.35	21.33	21.14		
5	QPSK	1	24	21.40	21.38	21.34	21.36	21.33		
5	QPSK	12	0	21.15	21.30	21.44	21.24	21.25	22.2	0
5	QPSK	12	7	21.29	21.27	21.35	21.26	21.25		
5	QPSK	12	13	21.27	21.17	21.33	21.31	21.23		
5	QPSK	25	0	21.16	21.17	21.24	21.30	21.17		
5	16QAM	1	0	21.29	21.37	21.40	21.38	21.31	22.2	0
5	16QAM	1	12	21.24	21.08	21.44	21.39	21.29		
5	16QAM	1	24	21.21	21.23	21.32	21.13	21.39		
5	16QAM	12	0	21.19	21.16	21.37	21.21	21.30	22.2	0
5	16QAM	12	7	21.19	21.25	21.26	21.27	21.00		
5	16QAM	12	13	21.39	21.38	21.30	21.23	21.22		
5	16QAM	25	0	21.10	21.08	21.30	21.04	21.24		
5	64QAM	1	0	21.22	21.18	21.21	21.20	21.06	22.2	0
5	64QAM	1	12	21.19	21.00	21.26	21.22	21.24		
5	64QAM	1	24	21.05	21.04	21.23	21.19	21.11		
5	64QAM	12	0	21.10	21.25	21.29	21.22	21.27	22.2	0
5	64QAM	12	7	21.16	21.14	21.24	21.30	21.15		
5	64QAM	12	13	21.13	21.16	21.15	21.07	21.20		
5	64QAM	25	0	21.08	21.26	21.15	20.99	21.26		
5	256QAM	1	0	19.38	19.49	19.68	19.58	19.47	20.7	1.5
5	256QAM	1	12	19.48	19.43	19.51	19.59	19.64		
5	256QAM	1	24	19.41	19.32	19.64	19.50	19.50		
5	256QAM	12	0	19.56	19.44	19.42	19.49	19.45	20.7	1.5
5	256QAM	12	7	19.52	19.70	19.70	19.63	19.49		
5	256QAM	12	13	19.49	19.30	19.56	19.63	19.48		
5	256QAM	25	0	19.53	19.56	19.45	19.42	19.58		

		WCDMA IV Ant6 Default			
Band		WCDMA IV			Tune-up Limit (dBm)
TX Channel		1312	1413	1513	
Rx Channel		1537	1638	1738	
Frequency (MHz)		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	23.45	23.60	23.41	25.20
3GPP Rel 99	RMC 12.2Kbps	23.57	23.67	23.53	25.20
3GPP Rel 6	HSDPA Subtest-1	22.49	22.59	22.70	24.20
3GPP Rel 6	HSDPA Subtest-2	22.51	22.66	22.69	24.20
3GPP Rel 6	HSDPA Subtest-3	21.96	22.14	22.22	23.70
3GPP Rel 6	HSDPA Subtest-4	21.97	22.15	22.14	23.70
3GPP Rel 8	DC-HSDPA Subtest-1	22.65	22.60	22.52	24.20
3GPP Rel 8	DC-HSDPA Subtest-2	22.64	22.62	22.57	24.20
3GPP Rel 8	DC-HSDPA Subtest-3	22.04	22.14	22.13	23.70
3GPP Rel 8	DC-HSDPA Subtest-4	22.08	22.18	22.08	23.70
3GPP Rel 6	HSUPA Subtest-1	22.54	22.54	22.63	24.20
3GPP Rel 6	HSUPA Subtest-2	20.57	20.69	20.67	22.20
3GPP Rel 6	HSUPA Subtest-3	21.54	21.66	21.51	23.20
3GPP Rel 6	HSUPA Subtest-4	20.61	20.67	20.63	22.20
3GPP Rel 6	HSUPA Subtest-5	22.44	22.64	22.70	24.20
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.00	20.07	20.11	21.70

Band 4 Ant6 DSI 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	20.71	20.91	20.73	21.9	0
20	QPSK	1	49	20.67	20.70	20.60		
20	QPSK	1	99	20.71	20.77	20.76		
20	QPSK	50	0	20.73	20.79	20.67		
20	QPSK	50	24	20.67	20.67	20.66		
20	QPSK	50	50	20.76	20.73	20.68		
20	QPSK	100	0	20.69	20.76	20.67		
20	16QAM	1	0	20.74	20.86	20.77		
20	16QAM	1	49	20.66	20.73	20.70	21.9	0
20	16QAM	1	99	20.63	20.60	20.47		
20	16QAM	50	0	20.80	20.90	20.76		
20	16QAM	50	24	20.63	20.72	20.64	21.9	0
20	16QAM	50	50	20.67	20.77	20.75		
20	16QAM	100	0	20.77	20.85	20.72		
20	64QAM	1	0	20.70	20.76	20.66		
20	64QAM	1	49	20.69	20.74	20.69	21.9	0
20	64QAM	1	99	20.65	20.75	20.60		
20	64QAM	50	0	20.63	20.74	20.75		
20	64QAM	50	24	20.58	20.72	20.74	21.9	0
20	64QAM	50	50	20.59	20.65	20.46		
20	64QAM	100	0	20.61	20.63	20.44		
20	256QAM	1	0	19.10	19.09	19.05		
20	256QAM	1	49	19.03	19.10	18.98	20.4	1.5
20	256QAM	1	99	19.07	19.16	19.04		
20	256QAM	50	0	18.90	19.08	18.93		
20	256QAM	50	24	18.91	19.17	19.03	20.4	1.5
20	256QAM	50	50	19.00	18.98	18.96		
20	256QAM	100	0	18.83	18.94	18.84		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	20.62	20.80	20.58	21.9	0
15	QPSK	1	37	20.58	20.53	20.44		
15	QPSK	1	74	20.65	20.63	20.73		
15	QPSK	36	0	20.64	20.68	20.51		
15	QPSK	36	20	20.63	20.55	20.51		
15	QPSK	36	39	20.62	20.63	20.50		
15	QPSK	75	0	20.54	20.64	20.58		
15	16QAM	1	0	20.64	20.76	20.68		
15	16QAM	1	37	20.60	20.58	20.58	21.9	0
15	16QAM	1	74	20.51	20.48	20.37		
15	16QAM	36	0	20.67	20.70	20.67		
15	16QAM	36	20	20.55	20.67	20.56	21.9	0
15	16QAM	36	39	20.62	20.73	20.58		
15	16QAM	75	0	20.70	20.74	20.56		
15	64QAM	1	0	20.54	20.63	20.58		
15	64QAM	1	37	20.59	20.60	20.56	21.9	0
15	64QAM	1	74	20.57	20.71	20.45		
15	64QAM	36	0	20.47	20.59	20.59		
15	64QAM	36	20	20.54	20.70	20.66	21.9	0
15	64QAM	36	39	20.51	20.61	20.44		
15	64QAM	75	0	20.52	20.53	20.33		
15	256QAM	1	0	18.92	19.07	18.89		
15	256QAM	1	37	18.93	19.05	18.85	20.4	1.5
15	256QAM	1	74	19.01	19.06	18.90		
15	256QAM	36	0	18.73	18.92	18.89		
15	256QAM	36	20	18.82	19.11	18.89	20.4	1.5
15	256QAM	36	39	18.83	18.81	18.83		
15	256QAM	75	0	18.69	18.88	18.81		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	20.58	20.79	20.57	21.9	0
10	QPSK	1	25	20.51	20.59	20.56		
10	QPSK	1	49	20.63	20.64	20.62		
10	QPSK	25	0	20.70	20.72	20.61		
10	QPSK	25	12	20.51	20.64	20.58	21.9	0
10	QPSK	25	25	20.66	20.67	20.63		
10	QPSK	50	0	20.66	20.60	20.49		
10	16QAM	1	0	20.66	20.76	20.65		
10	16QAM	1	25	20.52	20.57	20.64	21.9	0
10	16QAM	1	49	20.60	20.45	20.40		
10	16QAM	25	0	20.71	20.69	20.70		
10	16QAM	25	12	20.59	20.61	20.62	21.9	0
10	16QAM	25	25	20.54	20.73	20.67		
10	16QAM	50	0	20.66	20.81	20.68		
10	64QAM	1	0	20.55	20.59	20.56		
10	64QAM	1	25	20.64	20.60	20.52	21.9	0
10	64QAM	1	49	20.59	20.59	20.52		
10	64QAM	25	0	20.60	20.67	20.59		
10	64QAM	25	12	20.42	20.59	20.60	21.9	0
10	64QAM	25	25	20.44	20.56	20.29		
10	64QAM	50	0	20.53	20.54	20.26		
10	256QAM	1	0	19.08	18.96	18.99		
10	256QAM	1	25	18.90	19.07	18.96	20.4	1.5
10	256QAM	1	49	18.91	19.00	18.98		
10	256QAM	25	0	18.81	19.03	18.78		
10	256QAM	25	12	18.81	19.00	18.86	20.4	1.5
10	256QAM	25	25	18.86	18.82	18.79		
10	256QAM	50	0	18.67	18.82	18.82		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	20.66	20.78	20.57	21.9	0
5	QPSK	1	12	20.53	20.54	20.55		
5	QPSK	1	24	20.66	20.62	20.67		
5	QPSK	12	0	20.66	20.62	20.58	21.9	0
5	QPSK	12	7	20.60	20.62	20.62		
5	QPSK	12	13	20.64	20.63	20.51		
5	QPSK	25	0	20.67	20.63	20.65		
5	16QAM	1	0	20.60	20.80	20.75	21.9	0
5	16QAM	1	12	20.55	20.60	20.64		
5	16QAM	1	24	20.56	20.57	20.30		
5	16QAM	12	0	20.70	20.68	20.70	21.9	0
5	16QAM	12	7	20.55	20.65	20.60		
5	16QAM	12	13	20.63	20.64	20.61		
5	16QAM	25	0	20.66	20.70	20.59		
5	64QAM	1	0	20.55	20.58	20.56	21.9	0
5	64QAM	1	12	20.61	20.60	20.57		
5	64QAM	1	24	20.53	20.62	20.53		
5	64QAM	12	0	20.48	20.60	20.73	21.9	0
5	64QAM	12	7	20.49	20.61	20.59		
5	64QAM	12	13	20.51	20.53	20.37		
5	64QAM	25	0	20.44	20.55	20.36		
5	256QAM	1	0	19.03	18.98	18.98	20.4	1.5
5	256QAM	1	12	18.88	19.06	18.83		
5	256QAM	1	24	18.97	18.98	19.01		
5	256QAM	12	0	18.73	18.96	18.81	20.4	1.5
5	256QAM	12	7	18.74	19.01	18.93		
5	256QAM	12	13	18.89	18.95	18.88		
5	256QAM	25	0	18.73	18.76	18.68		
Channel				19925	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	20.60	20.79	20.64	21.9	0
3	QPSK	1	8	20.50	20.52	20.56		
3	QPSK	1	14	20.54	20.71	20.73		
3	QPSK	8	0	20.66	20.72	20.60	21.9	0
3	QPSK	8	4	20.63	20.61	20.53		
3	QPSK	8	7	20.59	20.56	20.58		
3	QPSK	15	0	20.54	20.72	20.56		
3	16QAM	1	0	20.63	20.79	20.72	21.9	0
3	16QAM	1	8	20.54	20.64	20.57		
3	16QAM	1	14	20.55	20.45	20.35		
3	16QAM	8	0	20.66	20.64	20.73	21.9	0
3	16QAM	8	4	20.49	20.66	20.56		
3	16QAM	8	7	20.63	20.73	20.64		
3	16QAM	15	0	20.67	20.69	20.65		
3	64QAM	1	0	20.53	20.71	20.60	21.9	0
3	64QAM	1	8	20.53	20.62	20.64		
3	64QAM	1	14	20.61	20.61	20.49		
3	64QAM	8	0	20.54	20.71	20.62	21.9	0
3	64QAM	8	4	20.50	20.66	20.62		
3	64QAM	8	7	20.49	20.48	20.32		
3	64QAM	15	0	20.53	20.57	20.37		
3	256QAM	1	0	19.05	18.92	18.89	20.4	1.5
3	256QAM	1	8	18.89	18.97	18.90		
3	256QAM	1	14	19.00	19.06	18.99		
3	256QAM	8	0	18.81	19.03	18.84	20.4	1.5
3	256QAM	8	4	18.79	19.15	18.88		
3	256QAM	8	7	18.98	18.88	18.92		
3	256QAM	15	0	18.67	18.81	18.69		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	20.54	20.87	20.69	21.9	0
1.4	QPSK	1	3	20.61	20.53	20.54		
1.4	QPSK	1	5	20.67	20.65	20.73		
1.4	QPSK	3	0	20.71	20.76	20.61		
1.4	QPSK	3	1	20.55	20.56	20.63		
1.4	QPSK	3	3	20.66	20.65	20.53		
1.4	QPSK	6	0	20.58	20.59	20.57	21.9	0
1.4	16QAM	1	0	20.62	20.77	20.73	21.9	0
1.4	16QAM	1	3	20.57	20.64	20.52		
1.4	16QAM	1	5	20.60	20.43	20.35		
1.4	16QAM	3	0	20.76	20.65	20.73		
1.4	16QAM	3	1	20.51	20.56	20.62		
1.4	16QAM	3	3	20.58	20.65	20.67		
1.4	16QAM	6	0	20.71	20.71	20.59	21.9	0
1.4	64QAM	1	0	20.54	20.58	20.49	21.9	0
1.4	64QAM	1	3	20.55	20.68	20.59		
1.4	64QAM	1	5	20.55	20.66	20.52		
1.4	64QAM	3	0	20.45	20.66	20.70		
1.4	64QAM	3	1	20.54	20.56	20.56		
1.4	64QAM	3	3	20.51	20.61	20.42		
1.4	64QAM	6	0	20.54	20.46	20.34	21.9	0
1.4	256QAM	1	0	19.04	18.99	18.96	20.4	1.5
1.4	256QAM	1	3	18.89	18.99	18.95		
1.4	256QAM	1	5	18.94	19.01	18.93		
1.4	256QAM	3	0	18.74	18.92	18.85		
1.4	256QAM	3	1	18.85	19.11	18.89		
1.4	256QAM	3	3	18.85	18.95	18.91		
1.4	256QAM	6	0	18.77	18.88	18.69	20.4	1.5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	20.04	20.12	20.05	21.2	0
20	QPSK	1	49	19.80	19.89	19.98		
20	QPSK	1	99	19.92	20.02	19.89		
20	QPSK	50	0	19.89	19.96	19.95		
20	QPSK	50	24	19.88	19.89	19.76		
20	QPSK	50	50	19.90	19.93	19.92		
20	QPSK	100	0	19.85	19.95	19.91		
20	16QAM	1	0	19.95	19.97	19.81		
20	16QAM	1	49	19.99	19.98	19.94	21.2	0
20	16QAM	1	99	19.97	19.76	19.94		
20	16QAM	50	0	19.90	19.93	19.84		
20	16QAM	50	24	19.99	19.97	19.90	21.2	0
20	16QAM	50	50	19.98	20.02	19.94		
20	16QAM	100	0	19.86	19.89	20.07		
20	64QAM	1	0	19.92	19.98	19.98		
20	64QAM	1	49	19.98	19.96	19.89	21.2	0
20	64QAM	1	99	20.05	19.89	19.97		
20	64QAM	50	0	19.95	19.86	19.84		
20	64QAM	50	24	20.07	19.99	19.89	21.2	0
20	64QAM	50	50	19.83	19.94	20.00		
20	64QAM	100	0	19.79	19.90	19.92		
20	256QAM	1	0	19.30	19.31	19.44		
20	256QAM	1	49	19.32	19.43	19.33	20.7	0.5
20	256QAM	1	99	19.43	19.23	19.38		
20	256QAM	50	0	19.40	19.33	19.16		
20	256QAM	50	24	19.50	19.36	19.30	20.7	0.5
20	256QAM	50	50	19.24	19.32	19.47		
20	256QAM	100	0	19.15	19.37	19.36		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	19.99	19.95	19.91	21.2	0
15	QPSK	1	37	19.71	19.76	19.86		
15	QPSK	1	74	19.78	19.92	19.77		
15	QPSK	36	0	19.75	19.82	19.84		
15	QPSK	36	20	19.78	19.71	19.69	21.2	0
15	QPSK	36	39	19.86	19.88	19.90		
15	QPSK	75	0	19.70	19.83	19.87		
15	16QAM	1	0	19.87	19.83	19.77		
15	16QAM	1	37	19.85	19.84	19.89	21.2	0
15	16QAM	1	74	19.87	19.72	19.81		
15	16QAM	36	0	19.83	19.85	19.81		
15	16QAM	36	20	19.83	19.80	19.81	21.2	0
15	16QAM	36	39	19.95	19.99	19.78		
15	16QAM	75	0	19.76	19.77	20.04		
15	64QAM	1	0	19.86	19.84	19.94		
15	64QAM	1	37	19.93	19.91	19.75	21.2	0
15	64QAM	1	74	19.89	19.76	19.86		
15	64QAM	36	0	19.83	19.73	19.77		
15	64QAM	36	20	19.93	19.93	19.86	21.2	0
15	64QAM	36	39	19.77	19.81	19.92		
15	64QAM	75	0	19.76	19.72	19.87		
15	256QAM	1	0	19.25	19.15	19.35		
15	256QAM	1	37	19.19	19.36	19.30	20.7	0.5
15	256QAM	1	74	19.34	19.16	19.23		
15	256QAM	36	0	19.26	19.19	19.08		
15	256QAM	36	20	19.35	19.19	19.25	20.7	0.5
15	256QAM	36	39	19.16	19.17	19.44		
15	256QAM	75	0	19.08	19.30	19.27		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	19.91	20.03	19.95	21.2	0
10	QPSK	1	25	19.70	19.80	19.93		
10	QPSK	1	49	19.89	19.85	19.81		
10	QPSK	25	0	19.79	19.83	19.92		
10	QPSK	25	12	19.70	19.76	19.59	21.2	0
10	QPSK	25	25	19.78	19.85	19.80		
10	QPSK	50	0	19.80	19.89	19.74		
10	16QAM	1	0	19.78	19.94	19.70		
10	16QAM	1	25	19.83	19.96	19.90	21.2	0
10	16QAM	1	49	19.81	19.60	19.86		
10	16QAM	25	0	19.81	19.84	19.69		
10	16QAM	25	12	19.94	19.84	19.84	21.2	0
10	16QAM	25	25	19.87	19.85	19.85		
10	16QAM	50	0	19.72	19.84	19.95		
10	64QAM	1	0	19.77	19.82	19.95		
10	64QAM	1	25	19.84	19.91	19.74	21.2	0
10	64QAM	1	49	19.89	19.72	19.89		
10	64QAM	25	0	19.88	19.69	19.80		
10	64QAM	25	12	19.99	19.88	19.74	21.2	0
10	64QAM	25	25	19.70	19.86	19.92		
10	64QAM	50	0	19.69	19.72	19.90		
10	256QAM	1	0	19.15	19.26	19.34		
10	256QAM	1	25	19.22	19.37	19.26	20.7	0.5
10	256QAM	1	49	19.35	19.20	19.27		
10	256QAM	25	0	19.35	19.19	19.08		
10	256QAM	25	12	19.48	19.23	19.25	20.7	0.5
10	256QAM	25	25	19.14	19.21	19.37		
10	256QAM	50	0	18.98	19.31	19.20		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	19.88	20.01	19.90	21.2	0
5	QPSK	1	12	19.78	19.84	19.82		
5	QPSK	1	24	19.87	19.85	19.75		
5	QPSK	12	0	19.87	19.87	19.83	21.2	0
5	QPSK	12	7	19.78	19.75	19.64		
5	QPSK	12	13	19.74	19.85	19.82		
5	QPSK	25	0	19.82	19.93	19.75		
5	16QAM	1	0	19.80	19.84	19.78	21.2	0
5	16QAM	1	12	19.94	19.84	19.81		
5	16QAM	1	24	19.82	19.62	19.83		
5	16QAM	12	0	19.78	19.79	19.75	21.2	0
5	16QAM	12	7	19.85	19.81	19.84		
5	16QAM	12	13	19.83	19.95	19.79		
5	16QAM	25	0	19.70	19.80	20.04		
5	64QAM	1	0	19.79	19.90	19.91	21.2	0
5	64QAM	1	12	19.91	19.93	19.76		
5	64QAM	1	24	19.89	19.84	19.86		
5	64QAM	12	0	19.87	19.84	19.77	21.2	0
5	64QAM	12	7	20.02	19.96	19.73		
5	64QAM	12	13	19.73	19.78	19.84		
5	64QAM	25	0	19.62	19.75	19.90		
5	256QAM	1	0	19.14	19.19	19.41	20.7	0.5
5	256QAM	1	12	19.28	19.33	19.23		
5	256QAM	1	24	19.26	19.20	19.23		
5	256QAM	12	0	19.30	19.22	19.10	20.7	0.5
5	256QAM	12	7	19.37	19.29	19.12		
5	256QAM	12	13	19.07	19.29	19.42		
5	256QAM	25	0	19.12	19.23	19.33		

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BW [MHz]	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	20.80	20.92	20.86	22.2	0
20	QPSK	1	49	20.79	20.85	20.85		
20	QPSK	1	99	20.71	20.81	20.80		
20	QPSK	50	0	20.87	20.89	20.80		
20	QPSK	50	24	20.65	20.68	20.75		
20	QPSK	50	50	20.75	20.75	20.70		
20	QPSK	100	0	20.67	20.76	20.72		
20	16QAM	1	0	20.76	20.82	20.70		
20	16QAM	1	49	20.72	20.76	20.64	22.2	0
20	16QAM	1	99	20.65	20.83	20.75		
20	16QAM	50	0	20.85	20.87	20.80		
20	16QAM	50	24	20.74	20.81	20.85		
20	16QAM	50	50	20.67	20.78	20.81	22.2	0
20	16QAM	100	0	20.85	20.80	20.80		
20	64QAM	1	0	20.70	20.81	20.65		
20	64QAM	1	49	20.70	20.77	20.71	22.2	0
20	64QAM	1	99	20.66	20.81	20.74		
20	64QAM	50	0	20.71	20.80	20.74		
20	64QAM	50	24	20.71	20.72	20.61	22.2	0
20	64QAM	50	50	20.73	20.87	20.74		
20	64QAM	100	0	20.68	20.86	20.63		
20	256QAM	1	0	18.28	18.31	18.26		
20	256QAM	1	49	18.16	18.17	18.28	19.7	2.5
20	256QAM	1	99	18.19	18.35	18.16		
20	256QAM	50	0	18.31	18.37	18.26		
20	256QAM	50	24	18.15	18.42	18.27	19.7	2.5
20	256QAM	50	50	18.21	18.25	18.22		
20	256QAM	100	0	18.16	18.37	18.23		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	20.76	20.85	20.70	22.2	0
15	QPSK	1	37	20.69	20.77	20.81		
15	QPSK	1	74	20.68	20.78	20.76		
15	QPSK	36	0	20.72	20.85	20.68		
15	QPSK	36	20	20.55	20.64	20.59	22.2	0
15	QPSK	36	39	20.65	20.64	20.53		
15	QPSK	75	0	20.55	20.70	20.66		
15	16QAM	1	0	20.60	20.78	20.57		
15	16QAM	1	37	20.67	20.69	20.47	22.2	0
15	16QAM	1	74	20.55	20.77	20.58		
15	16QAM	36	0	20.78	20.80	20.65		
15	16QAM	36	20	20.67	20.70	20.76	22.2	0
15	16QAM	36	39	20.53	20.69	20.74		
15	16QAM	75	0	20.72	20.68	20.77		
15	64QAM	1	0	20.63	20.66	20.58		
15	64QAM	1	37	20.60	20.71	20.66	22.2	0
15	64QAM	1	74	20.52	20.72	20.70		
15	64QAM	36	0	20.65	20.73	20.70		
15	64QAM	36	20	20.62	20.61	20.52	22.2	0
15	64QAM	36	39	20.57	20.79	20.58		
15	64QAM	75	0	20.59	20.76	20.53		
15	256QAM	1	0	18.24	18.27	18.23		
15	256QAM	1	37	18.01	18.11	18.17	19.7	2.5
15	256QAM	1	74	18.12	18.21	18.12		
15	256QAM	36	0	18.29	18.25	18.20		
15	256QAM	36	20	18.04	18.33	18.17	19.7	2.5
15	256QAM	36	39	18.08	18.08	18.08		
15	256QAM	75	0	18.12	18.21	18.17		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	20.75	20.75	20.74	22.2	0
10	QPSK	1	25	20.67	20.69	20.74		
10	QPSK	1	49	20.62	20.78	20.74		
10	QPSK	25	0	20.72	20.87	20.78		
10	QPSK	25	12	20.56	20.66	20.66	22.2	0
10	QPSK	25	25	20.65	20.86	20.63		
10	QPSK	50	0	20.56	20.71	20.64		
10	16QAM	1	0	20.60	20.72	20.60		
10	16QAM	1	25	20.56	20.65	20.54	22.2	0
10	16QAM	1	49	20.53	20.70	20.69		
10	16QAM	25

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BW [MHz]	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	2618		
20	QPSK	1	0	23.65	23.71	23.48	24.7	0
20	QPSK	1	49	23.50	23.53	23.42		
20	QPSK	1	99	23.36	23.60	23.39		
20	QPSK	50	0	23.58	23.68	23.62		
20	QPSK	50	24	23.52	23.63	23.64		
20	QPSK	50	50	23.38	23.57	23.46		
20	QPSK	100	0	23.50	23.61	23.53		
20	16QAM	1	0	23.62	23.70	23.51	24.7	0
20	16QAM	1	49	23.43	23.53	23.44		
20	16QAM	1	99	23.37	23.49	23.43		
20	16QAM	50	0	23.58	23.63	23.57		
20	16QAM	50	24	23.46	23.52	23.42		
20	16QAM	50	50	23.37	23.57	23.41		
20	16QAM	100	0	23.68	23.64	23.49		
20	64QAM	1	0	23.52	23.67	23.60	24.7	0
20	64QAM	1	49	23.44	23.47	23.35		
20	64QAM	1	99	23.63	23.61	23.60		
20	64QAM	50	0	22.50	22.59	22.50	23.7	1
20	64QAM	50	24	22.46	22.49	22.44		
20	64QAM	50	50	22.43	22.56	22.39		
20	64QAM	100	0	22.70	22.61	22.41		
20	256QAM	1	0	19.49	19.58	19.50	20.7	4
20	256QAM	1	49	19.38	19.45	19.41		
20	256QAM	1	99	19.33	19.57	19.41		
20	256QAM	50	0	19.58	19.64	19.36	20.7	4
20	256QAM	50	24	19.43	19.51	19.39		
20	256QAM	50	50	19.36	19.58	19.36		
20	256QAM	100	0	19.62	19.54	19.39		
Channel				37825	38000	38175	Tune-up limit	MPR
Frequency (MHz)				2577.5	2596	2612.5	(dBm)	(dB)
15	QPSK	1	0	23.47	23.58	23.31	24.7	0
15	QPSK	1	37	23.38	23.44	23.37		
15	QPSK	1	74	23.29	23.58	23.23		
15	QPSK	36	0	23.42	23.57	23.57		
15	QPSK	36	20	23.43	23.51	23.58		
15	QPSK	36	39	23.36	23.50	23.40		
15	QPSK	75	0	23.35	23.53	23.35		
15	16QAM	1	0	23.60	23.67	23.44	24.7	0
15	16QAM	1	37	23.31	23.37	23.29		
15	16QAM	1	74	23.26	23.33	23.31		
15	16QAM	36	0	23.44	23.50	23.46		
15	16QAM	36	20	23.41	23.38	23.36		
15	16QAM	36	39	23.29	23.49	23.24		
15	16QAM	75	0	23.63	23.51	23.31		
15	64QAM	1	0	23.41	23.50	23.51	24.7	0
15	64QAM	1	37	23.42	23.42	23.19		
15	64QAM	1	74	23.59	23.48	23.44		
15	64QAM	36	0	22.45	22.42	22.37	23.7	1
15	64QAM	36	20	22.30	22.44	22.34		
15	64QAM	36	39	22.25	22.47	22.26		
15	64QAM	75	0	22.63	22.48	22.33		
15	256QAM	1	0	19.39	19.46	19.36	20.7	4
15	256QAM	1	37	19.23	19.42	19.34		
15	256QAM	1	74	19.25	19.45	19.27		
15	256QAM	36	0	19.55	19.57	19.32	20.7	4
15	256QAM	36	20	19.35	19.42	19.34		
15	256QAM	36	39	19.22	19.54	19.23		
15	256QAM	75	0	19.52	19.47	19.33		
Channel				37800	38000	38200	Tune-up limit	MPR
Frequency (MHz)				2575	2595	2615	(dBm)	(dB)
10	QPSK	1	0	23.53	23.54	23.30	24.7	0
10	QPSK	1	25	23.40	23.45	23.38		
10	QPSK	1	49	23.28	23.49	23.30		
10	QPSK	25	0	23.52	23.52	23.55		
10	QPSK	25	12	23.40	23.58	23.61		
10	QPSK	25	25	23.20	23.48	23.34		
10	QPSK	50	0	23.42	23.58	23.48		
10	16QAM	1	0	23.49	23.57	23.37	24.7	0
10	16QAM	1	25	23.32	23.42	23.38		
10	16QAM	1	49	23.33	23.45	23.30		
10	16QAM	25	0	23.45	23.53	23.44	24.7	0
10	16QAM	25	12	23.39	23.44	23.24		
10	16QAM	25	25	23.27	23.45	23.24		
10	16QAM	50	0	23.51	23.52	23.33		
10	64QAM	1	0	23.40	23.49	23.50	24.7	0
10	64QAM	1	25	23.31	23.40	23.30		
10	64QAM	1	49	23.48	23.44	23.46		
10	64QAM	25	0	22.47	22.43	22.40	23.7	1
10	64QAM	25	12	22.34	22.44	22.42		
10	64QAM	25	25	22.31	22.45	22.36		
10	64QAM	50	0	22.65	22.58	22.24		
10	256QAM	1	0	19.42	19.54	19.34	20.7	4
10	256QAM	1	25	19.31	19.27	19.29		
10	256QAM	1	49	19.17	19.54	19.25		
10	256QAM	25	0	19.50	19.55	19.24	20.7	4
10	256QAM	25	12	19.29	19.44	19.29		
10	256QAM	25	25	19.27	19.51	19.25		
10	256QAM	50	0	19.57	19.44	19.29		
Channel				37775	38000	38225	Tune-up limit	MPR
Frequency (MHz)				2572.5	2595	2617.5	(dBm)	(dB)
5	QPSK	1	0	23.55	23.69	23.40	24.7	0
5	QPSK	1	12	23.33	23.50	23.26		
5	QPSK	1	24	23.34	23.47	23.27		
5	QPSK	12	0	23.53	23.62	23.44	24.7	0
5	QPSK	12	7	23.40	23.55	23.62		
5	QPSK	12	13	23.34	23.53	23.32		
5	QPSK	25	0	23.42	23.49	23.45		
5	16QAM	1	0	23.47	23.65	23.39	24.7	0
5	16QAM	1	12	23.36	23.46	23.40		
5	16QAM	1	24	23.24	23.34	23.34		
5	16QAM	12	0	23.52	23.47	23.49	24.7	0
5	16QAM	12	7	23.44	23.49	23.36		
5	16QAM	12	13	23.28	23.52	23.29		
5	16QAM	25	0	23.52	23.56	23.36		
5	64QAM	1	0	23.41	23.62	23.44	24.7	0
5	64QAM	1	12	23.36	23.31	23.36		
5	64QAM	1	24	23.51	23.53	23.43		
5	64QAM	12	0	22.37	22.45	22.34	23.7	1
5	64QAM	12	7	22.42	22.32	22.26		
5	64QAM	12	13	22.39	22.44	22.32		
5	64QAM	25	0	22.68	22.43	22.36		
5	256QAM	1	0	19.33	19.51	19.37	20.7	4
5	256QAM	1	12	19.30	19.38	19.26		
5	256QAM	1	24	19.29	19.53	19.32		
5	256QAM	12	0	19.41	19.57	19.21	20.7	4
5	256QAM	12	7	19.28	19.47	19.36		
5	256QAM	12	13	19.24	19.48	19.31		
5	256QAM	25	0	19.50	19.39	19.31		

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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	22.50	22.44	22.66	22.28	22.53	23.7	0
20	QPSK	1	49	22.29	22.24	22.34	22.30	22.26		
20	QPSK	1	99	22.26	22.35	22.40	22.20	22.25		
20	QPSK	50	0	22.27	22.40	22.63	22.41	22.37		
20	QPSK	50	24	22.37	22.26	22.37	22.22	22.26		
20	QPSK	50	50	22.35	22.24	22.29	22.21	22.24		
20	QPSK	100	0	22.38	22.40	22.42	22.37	22.38		
20	16QAM	1	0	22.26	22.19	22.27	22.26	22.29	23.7	0
20	16QAM	1	49	22.07	22.23	22.22	22.15	22.18		
20	16QAM	1	99	22.20	22.12	22.36	22.19	22.18		
20	16QAM	50	0	22.44	22.41	22.52	22.27	22.51	23.7	0
20	16QAM	50	24	22.34	22.29	22.44	22.32	22.28		
20	16QAM	50	50	22.21	22.30	22.33	22.26	22.29		
20	16QAM	100	0	22.35	22.35	22.42	22.33	22.39		
20	64QAM	1	0	22.38	22.34	22.46	22.24	22.26	23.7	0
20	64QAM	1	49	22.29	22.33	22.42	22.32	22.33		
20	64QAM	1	99	22.38	22.29	22.53	22.50	22.42		
20	64QAM	50	0	22.26	22.28	22.39	22.28	22.25	23.7	0
20	64QAM	50	24	22.15	22.19	22.30	22.17	22.28		
20	64QAM	50	50	22.16	22.14	22.36	22.13	22.15		
20	64QAM	100	0	22.25	22.16	22.31	22.18	22.13		
20	256QAM	1	0	19.36	19.34	19.52	19.39	19.30	20.7	3
20	256QAM	1	49	19.43	19.38	19.35	19.32	19.34		
20	256QAM	1	99	19.33	19.30	19.31	19.32	19.22		
20	256QAM	50	0	19.45	19.45	19.54	19.45	19.42	20.7	3
20	256QAM	50	24	19.31	19.21	19.35	19.28	19.36		
20	256QAM	50	50	19.14	19.12	19.23	19.15	19.25		
20	256QAM	100	0	19.26	19.21	19.32	19.20	19.12		
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	22.44	22.42	22.50	22.22	22.45	23.70	0
15	QPSK	1	37	22.21	22.19	22.25	22.24	22.14		
15	QPSK	1	74	22.08	22.28	22.23	22.10	22.13		
15	QPSK	36	0	22.21	22.36	22.25	22.37	22.26	23.7	0
15	QPSK	36	20	22.23	22.12	22.25	22.05	22.22		
15	QPSK	36	39	22.27	22.11	22.11	22.03	22.20		
15	QPSK	75	0	22.21	22.25	22.33	22.22	22.27		
15	16QAM	1	0	22.17	22.16	22.18	22.23	22.11	23.7	0
15	16QAM	1	37	21.92	22.14	22.11	22.09	22.01		
15	16QAM	1	74	22.18	22.08	22.25	22.10	22.04		
15	16QAM	36	0	22.32	22.29	22.39	22.17	22.41	23.7	0
15	16QAM	36	20	22.20	22.27	22.37	22.17	22.16		
15	16QAM	36	39	22.18	22.14	22.23	22.14	22.23		
15	16QAM	75	0	22.29	22.25	22.37	22.18	22.23		
15	64QAM	1	0	22.30	22.20	22.38	22.20	22.19	23.7	0
15	64QAM	1	37	22.24	22.16	22.28	22.21	22.26		
15	64QAM	1	74	22.21	22.14	22.41	22.41	22.28		
15	64QAM	36	0	22.19	22.14	22.28	22.13	22.22	23.7	0
15	64QAM	36	20	22.06	22.05	22.22	22.03	22.25		
15	64QAM	36	39	22.10	22.02	22.24	22.08	21.98		
15	64QAM	75	0	22.09	22.11	22.14	22.14	21.98		
15	256QAM	1	0	19.20	19.25	19.36	19.31	19.25	20.7	3
15	256QAM	1	37	19.35	19.26	19.31	19.23	19.20		
15	256QAM	1	74	19.29	19.23	19.21	19.28	19.12		
15	256QAM	36	0	19.34	19.40	19.50	19.30	19.26	20.7	3
15	256QAM	36	20	19.20	19.08	19.17	19.21	19.18		
15	256QAM	36	39	19.06	19.06	19.14	19.01	19.22		
15	256QAM	75	0	19.11	19.16	19.16	19.05	19.06		
Channel				39700	40160	40620	41080	41540	Tune-up limit	MPR
Frequency (MHz)				2501	2547	2593	2639	2685	(dBm)	(dB)
10	QPSK	1	0	22.41	22.33	22.43	22.25	22.42	23.70	0
10	QPSK	1	25	22.13	22.10	22.18	22.23	22.10		
10	QPSK	1	49	22.16	22.28	22.24	22.05	22.22		
10	QPSK	25	0	22.11	22.35	22.31	22.25	22.31	23.7	0
10	QPSK	25	12	22.20	22.21	22.20	22.12	22.10		
10	QPSK	25	25	22.19	22.07	22.18	22.05	22.08		
10	QPSK	50	0	22.34	22.29	22.31	22.35	22.27		
10	16QAM	1	0	22.22	22.12	22.23	22.13	22.23	23.7	0
10	16QAM	1	25	22.03	22.13	22.13	21.98	22.11		
10	16QAM	1	49	22.17	21.97	22.27	22.11	22.04		
10	16QAM	25	0	22.34	22.25	22.44	22.23	22.40	23.7	0
10	16QAM	25	12	22.18	22.22	22.27	22.26	22.25		
10	16QAM	25	25	22.10	22.18	22.16	22.14	22.14		
10	16QAM	50	0	22.30	22.24	22.38	22.25	22.32		
10	64QAM	1	0	22.23	22.18	22.32	22.20	22.11	23.7	0
10	64QAM	1	25	22.19	22.21	22.34	22.30	22.21		
10	64QAM	1	49	22.21	22.12	22.49	22.36	22.39		
10	64QAM	25	0	22.23	22.12	22.37	22.26	22.23	23.7	0
10	64QAM	25	12	22.12	22.12	22.17	22.09	22.11		
10	64QAM	25	25	22.02	22.05	22.26	22.02	22.08		
10	64QAM	50	0	22.22	22.04	22.22	22.04	21.99		
10	256QAM	1	0	19.24	19.29	19.44	19.31	19.17	20.7	3
10	256QAM	1	25	19.36	19.21	19.25	19.19	19.23		
10	256QAM	1	49	19.16	19.15	19.23	19.29	19.13		
10	256QAM	25	0	19.31	19.31	19.47	19.35	19.25	20.7	3
10	256QAM	25	12	19.16	19.18	19.23	19.18	19.26		
10	256QAM	25	25	19.12	19.06	19.05	19.09	19.11		
10	256QAM	50	0	19.23	19.08	19.23	19.13	18.98		
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	22.47	22.42	22.47	22.10	22.50	23.70	0
5	QPSK	1	12	22.12	22.07	22.28	22.23	22.23		
5	QPSK	1	24	22.12	22.26	22.32	22.04	22.22		
5	QPSK	12	0	22.14	22.30	22.27	22.38	22.22	23.7	0
5	QPSK	12	7	22.23	22.08	22.28	22.18	22.19		
5	QPSK	12	13	22.29	22.12	22.19	22.16	22.12		
5	QPSK	25	0	22.32	22.38	22.29	22.21	22.23		
5	16QAM	1	0	22.15	22.06	22.25	22.12	22.14	23.7	0
5	16QAM	1	12	22.03	22.05	22.05	22.09	22.05		
5	16QAM	1	24	22.09	22.04	22.20	22.14	22.08		
5	16QAM	12	0	22.39	22.32	22.50	22.10	22.38	23.7	0
5	16QAM	12	7	22.21	22.26	22.36	22.25	22.17		
5	16QAM	12	13	22.16	22.16	22.23	22.15	22.16		
5	16QAM	25	0	22.29	22.31	22.34	22.27	22.37	23.7	0
5	64QAM	1	0	22.34	22.24	22.34	22.17	22.23		
5	64QAM	1	12	22.21	22.26	22.27	22.29	22.27		
5	64QAM	1	24	22.22	22.20	22.39	22.36	22.27		
5	64QAM	12	0	22.13	22.15	22.33	22.12	22.10	23.7	0
5	64QAM	12	7	22.05	22.06	22.23	22.07	22.19		
5	64QAM	12	13	22.02	21.96	22.24	22.02	22.08		
5	64QAM	25	0	22.10	22.01	22.15	22.15	22.09		
5	256QAM	1	0	19.29	19.27	19.40	19.34	19.16	20.7	3
5	256QAM	1	12	19.33	19.34	19.27	19.28	19.29		
5	256QAM	1	24	19.25	19.27	19.14	19.16	19.19		
5	256QAM	12	0	19.28	19.29	19.45	19.38	19.25	20.7	3
5	256QAM	12	7	19.15	19.16	19.24	19.10	19.27		
5	256QAM	12	13	18.96	19.01	19.17	19.09	19.11		
5	256QAM	25	0	19.17	19.13	19.29	19.08	19.04		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	23.90	24.16	24.03	24.7	0
20	QPSK	1	49	23.84	23.91	23.97		
20	QPSK	1	99	23.83	23.97	23.88		
20	QPSK	50	0	23.83	24.13	24.12	24.7	0
20	QPSK	50	24	23.88	23.99	23.87		
20	QPSK	50	50	23.84	23.94	23.87		
20	QPSK	100	0	23.93	23.98	23.85		
20	16QAM	1	0	23.87	24.11	24.09	24.7	0
20	16QAM	1	49	23.89	23.96	23.92		
20	16QAM	1	99	23.80	23.97	23.95		
20	16QAM	50	0	23.66	24.04	23.88	24.7	0
20	16QAM	50	24	23.73	23.80	23.74		
20	16QAM	50	50	23.63	23.85	23.68		
20	16QAM	100	0	23.78	24.01	24.10		
20	64QAM	1	0	23.82	23.77	23.82	24.7	0
20	64QAM	1	49	23.68	23.77	23.79		
20	64QAM	1	99	23.81	23.85	23.71		
20	64QAM	50	0	22.63	23.05	22.86	23.7	1
20	64QAM	50	24	22.71	22.79	22.73		
20	64QAM	50	50	22.78	22.71	22.80		
20	64QAM	100	0	22.71	22.88	22.68		
20	256QAM	1	0	19.96	20.19	20.04	20.7	4
20	256QAM	1	49	19.93	20.02	20.01		
20	256QAM	1	99	19.90	19.99	19.92		
20	256QAM	50	0	19.88	20.23	20.23	20.7	4
20	256QAM	50	24	20.00	20.12	19.95		
20	256QAM	50	50	19.83	20.02	19.88		
20	256QAM	100	0	19.99	19.98	19.88		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	23.83	24.13	23.87	24.7	0
15	QPSK	1	37	23.76	23.88	23.84		
15	QPSK	1	74	23.73	23.90	23.77		
15	QPSK	36	0	23.66	24.01	24.01	24.7	0
15	QPSK	36	20	23.81	23.89	23.83		
15	QPSK	36	39	23.79	23.83	23.79		
15	QPSK	75	0	23.77	23.92	23.78		
15	16QAM	1	0	23.79	24.09	24.01	24.7	0
15	16QAM	1	37	23.72	23.86	23.87		
15	16QAM	1	74	23.68	23.95	23.82		
15	16QAM	36	0	23.69	23.97	23.85	24.7	0
15	16QAM	36	20	23.72	23.78	23.91		
15	16QAM	36	39	23.68	23.90	23.72		
15	16QAM	75	0	23.68	24.02	24.04		
15	64QAM	1	0	23.83	23.86	23.68	24.7	0
15	64QAM	1	37	23.66	23.78	23.70		
15	64QAM	1	74	23.79	23.80	23.74		
15	64QAM	36	0	22.61	22.96	22.96	23.7	1
15	64QAM	36	20	22.58	22.86	22.60		
15	64QAM	36	39	22.81	22.84	22.82		
15	64QAM	75	0	22.74	22.82	22.74		
15	256QAM	1	0	19.92	20.03	19.97	20.7	4
15	256QAM	1	37	19.82	19.87	19.98		
15	256QAM	1	74	19.80	19.93	19.83		
15	256QAM	36	0	19.86	20.08	20.10	20.7	4
15	256QAM	36	20	19.88	19.96	19.80		
15	256QAM	36	39	19.66	19.89	19.80		
15	256QAM	75	0	19.87	19.88	19.73		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	23.82	24.12	23.88	24.7	0
10	QPSK	1	25	23.75	23.84	23.86		
10	QPSK	1	49	23.68	23.85	23.73		
10	QPSK	25	0	23.79	23.99	24.00	24.7	0
10	QPSK	25	12	23.81	23.93	23.73		
10	QPSK	25	25	23.77	23.76	23.75		
10	QPSK	50	0	23.87	23.87	23.69		
10	16QAM	1	0	23.73	24.06	24.01	24.7	0
10	16QAM	1	25	23.73	23.92	23.80		
10	16QAM	1	49	23.68	23.81	23.79		
10	16QAM	25	0	23.66	24.01	23.80	24.7	0
10	16QAM	25	12	23.60	23.72	23.76		
10	16QAM	25	25	23.61	23.83	23.68		
10	16QAM	50	0	23.81	23.95	24.03		
10	64QAM	1	0	23.76	23.92	23.64	24.7	0
10	64QAM	1	25	23.60	23.69	23.64		
10	64QAM	1	49	23.80	23.89	23.72		
10	64QAM	25	0	22.64	22.95	22.89	23.7	1
10	64QAM	25	12	22.59	22.88	22.62		
10	64QAM	25	25	22.72	22.76	22.71		
10	64QAM	50	0	22.78	22.84	22.72		
10	256QAM	1	0	19.89	20.05	20.01	20.7	4
10	256QAM	1	25	19.83	19.89	19.88		
10	256QAM	1	49	19.75	19.94	19.78		
10	256QAM	25	0	19.71	20.09	20.10	20.7	4
10	256QAM	25	12	19.86	20.07	19.94		
10	256QAM	25	25	19.69	19.85	19.77		
10	256QAM	50	0	19.96	19.88	19.71		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	23.78	24.08	23.86	24.7	0
5	QPSK	1	12	23.72	23.81	23.89		
5	QPSK	1	24	23.68	23.90	23.75		
5	QPSK	12	0	23.74	23.95	24.03	24.7	0
5	QPSK	12	7	23.80	23.90	23.81		
5	QPSK	12	13	23.67	23.90	23.69		
5	QPSK	25	0	23.80	23.96	23.72		
5	16QAM	1	0	23.71	24.01	24.06	24.7	0
5	16QAM	1	12	23.86	23.91	23.88		
5	16QAM	1	24	23.78	23.89	23.90		
5	16QAM	12	0	23.68	23.99	23.94	24.7	0
5	16QAM	12	7	23.60	23.66	23.85		
5	16QAM	12	13	23.63	23.92	23.71		
5	16QAM	25	0	23.78	23.88	23.94		
5	64QAM	1	0	23.76	23.84	23.60	24.7	0
5	64QAM	1	12	23.54	23.75	23.67		
5	64QAM	1	24	23.77	23.81	23.78		
5	64QAM	12	0	22.61	23.00	22.89	23.7	1
5	64QAM	12	7	22.63	22.76	22.64		
5	64QAM	12	13	22.81	22.78	22.69		
5	64QAM	25	0	22.74	22.82	22.71		
5	256QAM	1	0	19.89	20.03	19.87	20.7	4
5	256QAM	1	12	19.90	19.91	19.92		
5	256QAM	1	24	19.83	19.82	19.80		
5	256QAM	12	0	19.85	20.08	20.13	20.7	4
5	256QAM	12	7	19.96	20.05	19.78		
5	256QAM	12	13	19.75	20.00	19.81		
5	256QAM	25	0	19.92	19.87	19.76		

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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	22.36	22.64	22.53	22.41	23.1	0
20	QPSK	1	49	22.36	22.40	22.27	22.42		
20	QPSK	1	99	22.34	22.42	22.28	22.40		
20	QPSK	50	0	22.34	22.53	22.44	22.39	23.1	0
20	QPSK	50	24	22.26	22.27	22.21	22.21		
20	QPSK	50	50	22.33	22.39	22.22	22.41		
20	QPSK	100	0	22.25	22.49	22.46	22.47		
20	16QAM	1	0	22.45	22.45	22.45	22.32	23.1	0
20	16QAM	1	49	22.40	22.56	22.30	22.45		
20	16QAM	1	99	22.45	22.41	22.42	22.24		
20	16QAM	50	0	21.50	21.68	21.54	21.52	23.1	0
20	16QAM	50	24	21.39	21.47	21.54	21.34		
20	16QAM	50	50	21.34	21.42	21.44	21.49		
20	16QAM	100	0	21.30	21.51	21.31	21.39		
20	64QAM	1	0	21.48	21.45	21.54	21.37	23.1	0
20	64QAM	1	49	21.45	21.43	21.33	21.39		
20	64QAM	1	99	21.38	21.54	21.20	21.43		
20	64QAM	50	0	20.43	20.58	20.48	20.55	22.1	1
20	64QAM	50	24	20.50	20.57	20.37	20.45		
20	64QAM	50	50	20.48	20.50	20.56	20.37		
20	64QAM	100	0	20.45	20.52	20.39	20.53		
20	256QAM	1	0	17.56	17.60	17.50	17.47	19.1	4
20	256QAM	1	49	17.40	17.37	17.35	17.37		
20	256QAM	1	99	17.29	17.40	17.50	17.49		
20	256QAM	50	0	17.52	17.68	17.56	17.59	19.1	4
20	256QAM	50	24	17.45	17.60	17.49	17.45		
20	256QAM	50	50	17.43	17.52	17.40	17.54		
20	256QAM	100	0	17.52	17.65	17.51	17.50		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	22.15	22.38	22.40	22.26	23.1	0
15	QPSK	1	37	22.26	22.45	22.28	22.30		
15	QPSK	1	74	22.15	22.30	22.17	22.27		
15	QPSK	36	0	22.36	22.36	22.33	22.30	23.1	0
15	QPSK	36	20	22.31	22.13	22.15	22.15		
15	QPSK	36	39	22.27	22.41	22.17	22.28		
15	QPSK	75	0	22.28	22.38	22.33	22.33		
15	16QAM	1	0	22.40	22.41	22.38	22.32	23.1	0
15	16QAM	1	37	22.26	22.41	22.32	22.31		
15	16QAM	1	74	22.42	22.47	22.33	22.09		
15	16QAM	36	0	21.47	21.56	21.54	21.39	23.1	0
15	16QAM	36	20	21.31	21.45	21.28	21.29		
15	16QAM	36	39	21.27	21.50	21.44	21.45		
15	16QAM	75	0	21.22	21.53	21.20	21.43		
15	64QAM	1	0	21.28	21.40	21.50	21.28	23.1	0
15	64QAM	1	37	21.36	21.46	21.14	21.33		
15	64QAM	1	74	21.41	21.41	21.21	21.20		
15	64QAM	36	0	20.47	20.43	20.28	20.41	22.1	1
15	64QAM	36	20	20.31	20.32	20.40	20.27		
15	64QAM	36	39	20.43	20.35	20.48	20.25		
15	64QAM	75	0	20.34	20.37	20.35	20.37		
15	256QAM	1	0	17.35	17.36	17.40	17.34	19.1	4
15	256QAM	1	37	17.31	17.37	17.22	17.33		
15	256QAM	1	74	17.31	17.28	17.33	17.33		
15	256QAM	36	0	17.38	17.52	17.44	17.35	19.1	4
15	256QAM	36	20	17.45	17.44	17.44	17.29		
15	256QAM	36	39	17.21	17.29	17.37	17.35		
15	256QAM	75	0	17.30	17.51	17.46	17.48		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	22.27	22.54	22.45	22.40	23.1	0
10	QPSK	1	25	22.19	22.29	22.18	22.32		
10	QPSK	1	49	22.09	22.22	22.11	22.23		
10	QPSK	25	0	22.29	22.53	22.26	22.28	23.1	0
10	QPSK	25	12	22.25	22.14	22.21	22.21		
10	QPSK	25	25	22.20	22.25	22.19	22.36		
10	QPSK	50	0	22.28	22.41	22.30	22.42		
10	16QAM	1	0	22.35	22.44	22.31	22.17	23.1	0
10	16QAM	1	25	22.23	22.48	22.35	22.33		
10	16QAM	1	49	22.31	22.44	22.27	22.04		
10	16QAM	25	0	21.54	21.52	21.46	21.37	23.1	0
10	16QAM	25	12	21.25	21.36	21.48	21.32		
10	16QAM	25	25	21.23	21.43	21.43	21.47		
10	16QAM	50	0	21.29	21.49	21.24	21.38		
10	64QAM	1	0	21.32	21.45	21.36	21.34	23.1	0
10	64QAM	1	25	21.32	21.43	21.13	21.37		
10	64QAM	1	49	21.28	21.42	21.33	21.31		
10	64QAM	25	0	20.43	20.41	20.36	20.48	22.1	1
10	64QAM	25	12	20.36	20.52	20.36	20.31		
10	64QAM	25	25	20.31	20.43	20.41	20.29		
10	64QAM	50	0	20.51	20.31	20.32	20.43		
10	256QAM	1	0	17.45	17.49	17.43	17.37	19.1	4
10	256QAM	1	25	17.31	17.31	17.20	17.31		
10	256QAM	1	49	17.24	17.29	17.34	17.40		
10	256QAM	25	0	17.29	17.54	17.42	17.38	19.1	4
10	256QAM	25	12	17.33	17.51	17.48	17.42		
10	256QAM	25	25	17.23	17.43	17.33	17.25		
10	256QAM	50	0	17.33	17.49	17.32	17.49		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	22.19	22.46	22.42	22.28	23.1	0
5	QPSK	1	12	22.08	22.38	22.27	22.21		
5	QPSK	1	24	22.31	22.29	22.13	22.30		
5	QPSK	12	0	22.34	22.36	22.21	22.28	23.1	0
5	QPSK	12	7	22.18	22.33	22.12	22.10		
5	QPSK	12	13	22.12	22.30	22.22	22.15		
5	QPSK	25	0	22.33	22.37	22.45	22.40		
5	16QAM	1	0	22.40	22.44	22.21	22.33	23.1	0
5	16QAM	1	12	22.27	22.39	22.19	22.25		
5	16QAM	1	24	22.45	22.34	22.29	22.15		
5	16QAM	12	0	21.51	21.46	21.40	21.31	23.1	0
5	16QAM	12	7	21.36	21.40	21.41	21.36		
5	16QAM	12	13	21.18	21.47	21.50	21.38		
5	16QAM	25	0	21.29	21.38	21.38	21.36		
5	64QAM	1	0	21.26	21.46	21.23	21.25	23.1	0
5	64QAM	1	12	21.31	21.39	21.19	21.36		
5	64QAM	1	24	21.30	21.38	21.11	21.26		
5	64QAM	12	0	20.39	20.52	20.46	20.36	22.1	1
5	64QAM	12	7	20.40	20.45	20.29	20.33		
5	64QAM	12	13	20.29	20.40	20.34	20.31		
5	64QAM	25	0	20.37	20.54	20.36	20.27		
5	256QAM	1	0	17.52	17.52	17.37	17.27	19.1	4
5	256QAM	1	12	17.29	17.43	17.27	17.20		
5	256QAM	1	24	17.25	17.38	17.37	17.23		
5	256QAM	12	0	17.35	17.65	17.56	17.35	19.1	4
5	256QAM	12	7	17.33	17.56	17.36	17.34		
5	256QAM	12	13	17.20	17.43	17.22	17.38		
5	256QAM	25	0	17.28	17.48	17.40	17.50		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3490	3500	3510		
20	QPSK	1	0	20.21	20.26	20.18	20.7	0
20	QPSK	1	49	20.17	20.06	19.91		
20	QPSK	1	99	20.04	20.06	19.88		
20	QPSK	50	0	20.04	20.05	19.99	20.7	0
20	QPSK	50	24	20.02	20.03	19.98		
20	QPSK	50	50	19.88	19.92	19.79		
20	QPSK	100	0	20.03	20.04	20.01		
20	16QAM	1	0	20.04	19.92	19.77	20.7	0
20	16QAM	1	49	19.91	20.06	19.82		
20	16QAM	1	99	20.03	20.13	20.12		
20	16QAM	50	0	20.01	20.07	20.00	20.7	0
20	16QAM	50	24	19.84	20.00	19.78		
20	16QAM	50	50	20.11	20.19	20.08		
20	16QAM	100	0	20.12	19.99	19.83		
20	64QAM	1	0	19.90	19.90	19.80	20.7	0
20	64QAM	1	49	20.10	20.10	20.24		
20	64QAM	1	99	19.90	19.99	19.89		
20	64QAM	50	0	19.74	19.89	19.92	20.7	0
20	64QAM	50	24	20.01	20.13	20.16		
20	64QAM	50	50	19.88	19.89	19.75		
20	64QAM	100	0	19.92	20.07	19.83		
20	256QAM	1	0	20.10	20.09	20.04	20.7	0
20	256QAM	1	49	20.00	19.97	19.88		
20	256QAM	1	99	19.80	20.02	19.73		
20	256QAM	50	0	20.05	20.21	20.09	20.7	0
20	256QAM	50	24	20.08	19.94	20.01		
20	256QAM	50	50	19.81	20.03	19.78		
20	256QAM	100	0	19.85	20.06	19.79		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3417.5	3500	3542.5		
15	QPSK	1	0	20.13	20.06	20.04	20.7	0
15	QPSK	1	37	20.08	19.84	19.80		
15	QPSK	1	74	19.84	19.84	19.80		
15	QPSK	36	0	19.86	19.88	19.86	20.7	0
15	QPSK	36	20	19.86	19.91	19.75		
15	QPSK	36	39	19.73	19.83	19.61		
15	QPSK	75	0	19.90	19.97	19.83		
15	16QAM	1	0	19.82	19.73	19.59	20.7	0
15	16QAM	1	37	19.76	19.98	19.72		
15	16QAM	1	74	19.85	19.97	19.90		
15	16QAM	36	0	19.92	19.96	19.86	20.7	0
15	16QAM	36	20	19.67	19.85	19.58		
15	16QAM	36	39	20.02	20.08	19.94		
15	16QAM	75	0	19.90	19.83	19.67		
15	64QAM	1	0	19.83	19.71	19.63	20.7	0
15	64QAM	1	37	20.02	20.00	20.08		
15	64QAM	1	74	19.79	19.85	19.80		
15	64QAM	36	0	19.59	19.70	19.76	20.7	0
15	64QAM	36	20	19.82	19.92	19.94		
15	64QAM	36	39	19.80	19.73	19.53		
15	64QAM	75	0	19.81	19.95	19.71		
15	256QAM	1	0	19.91	19.98	19.89	20.7	0
15	256QAM	1	37	19.92	19.84	19.77		
15	256QAM	1	74	19.60	19.93	19.55		
15	256QAM	36	0	19.86	20.05	19.96	20.7	0
15	256QAM	36	20	19.92	19.81	19.90		
15	256QAM	36	39	19.58	19.82	19.56		
15	256QAM	75	0	19.70	19.96	19.72		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3415	3500	3545		
10	QPSK	1	0	20.02	20.06	20.02	20.7	0
10	QPSK	1	25	19.99	19.88	19.71		
10	QPSK	1	49	19.94	19.91	19.73		
10	QPSK	25	0	19.84	19.95	19.80	20.7	0
10	QPSK	25	12	19.94	19.95	19.84		
10	QPSK	25	25	19.77	19.79	19.63		
10	QPSK	50	0	19.92	19.92	19.90		
10	16QAM	1	0	19.92	19.81	19.55	20.7	0
10	16QAM	1	25	19.81	19.94	19.63		
10	16QAM	1	49	19.83	19.91	19.94		
10	16QAM	25	0	19.81	19.88	19.83	20.7	0
10	16QAM	25	12	19.67	19.89	19.58		
10	16QAM	25	25	19.89	20.02	19.91		
10	16QAM	50	0	20.00	19.84	19.62		
10	64QAM	1	0	19.69	19.76	19.61	20.7	0
10	64QAM	1	25	19.95	19.99	20.07		
10	64QAM	1	49	19.72	19.85	19.73		
10	64QAM	25	0	19.64	19.78	19.71	20.7	0
10	64QAM	25	12	19.79	19.98	19.99		
10	64QAM	25	25	19.79	19.78	19.63		
10	64QAM	50	0	19.75	19.91	19.63		
10	256QAM	1	0	19.96	19.91	19.94	20.7	0
10	256QAM	1	25	19.83	19.84	19.80		
10	256QAM	1	49	19.72	19.79	19.66		
10	256QAM	25	0	19.88	20.05	19.89	20.7	0
10	256QAM	25	12	19.86	19.71	19.83		
10	256QAM	25	25	19.69	19.94	19.70		
10	256QAM	50	0	19.71	19.97	19.59		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3412.5	3500	3587.5		
5	QPSK	1	0	20.01	20.14	19.98	20.7	0
5	QPSK	1	12	19.96	19.92	19.79		
5	QPSK	1	24	19.92	19.96	19.78		
5	QPSK	12	0	19.95	19.85	19.88	20.7	0
5	QPSK	12	7	19.94	19.95	19.78		
5	QPSK	12	13	19.69	19.71	19.66		
5	QPSK	25	0	19.92	19.99	19.88	20.7	0
5	16QAM	1	0	19.94	19.83	19.61		
5	16QAM	1	12	19.70	19.85	19.66		
5	16QAM	1	24	19.87	19.95	19.91		
5	16QAM	12	0	19.79	19.88	19.92	20.7	0
5	16QAM	12	7	19.76	19.88	19.69		
5	16QAM	12	13	20.01	19.97	20.00		
5	16QAM	25	0	19.97	19.79	19.61		
5	64QAM	1	0	19.73	19.68	19.60	20.7	0
5	64QAM	1	12	19.94	20.00	20.06		
5	64QAM	1	24	19.71	19.87	19.70		
5	64QAM	12	0	19.61	19.68	19.80	20.7	0
5	64QAM	12	7	19.85	20.03	19.96		
5	64QAM	12	13	19.73	19.73	19.53		
5	64QAM	25	0	19.80	20.00	19.65		
5	256QAM	1	0	19.89	19.88	19.82	20.7	0
5	256QAM	1	12	19.84	19.82	19.75		
5	256QAM	1	24	19.68	19.89	19.53		
5	256QAM	12	0	19.92	20.12	19.95	20.7	0
5	256QAM	12	7	20.00	19.87	19.79		
5	256QAM	12	13	19.66	19.82	19.68		
5	256QAM	25	0	19.68	19.97	19.71		

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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	3609	3641	3690		
20	QPSK	1	0	19.43	19.64	19.56	19.63	20.2	0
20	QPSK	1	49	19.23	19.52	19.45	19.60		
20	QPSK	1	99	19.25	19.54	19.41	19.51		
20	QPSK	50	0	19.23	19.52	19.43	19.44	20.2	0
20	QPSK	50	24	19.41	19.48	19.40	19.43		
20	QPSK	50	50	19.26	19.43	19.31	19.42		
20	QPSK	100	0	19.25	19.49	19.40	19.48		
20	16QAM	1	0	19.24	19.57	19.40	19.52	20.2	0
20	16QAM	1	49	19.43	19.58	19.33	19.61		
20	16QAM	1	99	19.27	19.52	19.41	19.42		
20	16QAM	50	0	19.39	19.58	19.23	19.49	20.2	0
20	16QAM	50	24	19.23	19.47	19.43	19.47		
20	16QAM	50	50	19.32	19.41	19.32	19.58		
20	16QAM	100	0	19.27	19.45	19.30	19.43		
20	64QAM	1	0	19.37	19.49	19.22	19.57	20.2	0
20	64QAM	1	49	19.43	19.45	19.43	19.59		
20	64QAM	1	99	19.37	19.54	19.35	19.53		
20	64QAM	50	0	19.26	19.60	19.28	19.61	20.2	0
20	64QAM	50	24	19.30	19.60	19.26	19.45		
20	64QAM	50	50	19.30	19.52	19.33	19.44		
20	64QAM	100	0	19.44	19.59	19.35	19.57		
20	256QAM	1	0	18.38	18.52	18.42	18.45	19.2	1
20	256QAM	1	49	18.27	18.42	18.40	18.32		
20	256QAM	1	99	18.27	18.47	18.27	18.33		
20	256QAM	50	0	18.35	18.56	18.51	18.53	19.2	1
20	256QAM	50	24	18.22	18.44	18.39	18.37		
20	256QAM	50	50	18.31	18.52	18.45	18.42		
20	256QAM	100	0	18.44	18.59	18.51	18.45		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	19.36	19.61	19.33	19.57	20.2	0
15	QPSK	1	37	19.24	19.40	19.21	19.45		
15	QPSK	1	74	19.26	19.35	19.21	19.33		
15	QPSK	36	0	19.10	19.32	19.19	19.42	20.2	0
15	QPSK	36	20	19.28	19.49	19.28	19.51		
15	QPSK	36	39	19.20	19.43	19.17	19.36		
15	QPSK	75	0	19.18	19.32	19.22	19.27		
15	16QAM	1	0	19.18	19.54	19.15	19.57	20.2	0
15	16QAM	1	37	19.24	19.54	19.30	19.55		
15	16QAM	1	74	19.20	19.51	19.18	19.48		
15	16QAM	36	0	19.34	19.59	19.43	19.45	20.2	0
15	16QAM	36	20	19.22	19.25	19.38	19.49		
15	16QAM	36	39	19.31	19.23	19.12	19.42		
15	16QAM	75	0	19.23	19.33	19.10	19.38		
15	64QAM	1	0	19.18	19.32	19.20	19.29	20.2	0
15	64QAM	1	37	19.26	19.47	19.21	19.40		
15	64QAM	1	74	19.23	19.39	19.32	19.47		
15	64QAM	36	0	19.16	19.60	19.26	19.46	20.2	0
15	64QAM	36	20	19.13	19.41	19.29	19.52		
15	64QAM	36	39	19.15	19.36	19.29	19.50		
15	64QAM	75	0	19.45	19.42	19.37	19.58		
15	256QAM	1	0	18.22	18.53	18.28	18.42	19.2	1
15	256QAM	1	37	18.24	18.36	18.23	18.31		
15	256QAM	1	74	18.15	18.43	18.21	18.34		
15	256QAM	36	0	18.32	18.50	18.27	18.36	19.2	1
15	256QAM	36	20	18.08	18.28	18.10	18.34		
15	256QAM	36	39	18.15	18.33	18.14	18.41		
15	256QAM	75	0	18.29	18.38	18.37	18.60		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	19.22	19.63	19.42	19.49	20.2	0
10	QPSK	1	25	19.29	19.52	19.24	19.40		
10	QPSK	1	49	19.43	19.52	19.25	19.49		
10	QPSK	25	0	19.17	19.39	19.11	19.47	20.2	0
10	QPSK	25	12	19.36	19.61	19.36	19.37		
10	QPSK	25	25	19.18	19.35	19.23	19.25		
10	QPSK	50	0	19.21	19.37	19.13	19.32		
10	16QAM	1	0	19.36	19.55	19.37	19.58	20.2	0
10	16QAM	1	25	19.18	19.31	19.29	19.52		
10	16QAM	1	49	19.25	19.35	19.36	19.47		
10	16QAM	25	0	19.21	19.45	19.20	19.36	20.2	0
10	16QAM	25	12	19.07	19.35	19.18	19.30		
10	16QAM	25	25	19.27	19.28	19.11	19.30		
10	16QAM	50	0	19.13	19.32	19.17	19.33		
10	64QAM	1	0	19.21	19.30	19.31	19.31	20.2	0
10	64QAM	1	25	19.44	19.33	19.37	19.27		
10	64QAM	1	49	19.25	19.33	19.21	19.56		
10	64QAM	25	0	19.24	19.49	19.10	19.45	20.2	0
10	64QAM	25	12	19.13	19.46	19.31	19.51		
10	64QAM	25	25	19.14	19.53	19.27	19.39		
10	64QAM	50	0	19.38	19.51	19.32	19.40		
10	256QAM	1	0	18.20	18.36	18.40	18.46	19.2	1
10	256QAM	1	25	18.17	18.28	18.21	18.34		
10	256QAM	1	49	18.24	18.36	18.29	18.25		
10	256QAM	25	0	18.23	18.54	18.20	18.46	19.2	1
10	256QAM	25	12	18.21	18.29	18.11	18.41		
10	256QAM	25	25	18.13	18.39	18.28	18.46		
10	256QAM	50	0	18.34	18.38	18.30	18.40		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	19.30	19.41	19.37	19.47	20.2	0
5	QPSK	1	12	19.33	19.56	19.40	19.43		
5	QPSK	1	24	19.27	19.52	19.26	19.55		
5	QPSK	12	0	19.16	19.37	19.22	19.34	20.2	0
5	QPSK	12	7	19.32	19.44	19.19	19.48		
5	QPSK	12	13	19.17	19.41	19.21	19.33		
5	QPSK	25	0	19.21	19.36	19.10	19.28	20.2	0
5	16QAM	1	0	19.32	19.40	19.37	19.54		
5	16QAM	1	12	19.26	19.43	19.26	19.36		
5	16QAM	1	24	19.21	19.43	19.19	19.36	20.2	0
5	16QAM	12	0	19.34	19.41	19.21	19.42		
5	16QAM	12	7	19.06	19.32	19.23	19.43		
5	16QAM	12	13	19.21	19.35	19.26	19.26		
5	16QAM	25	0	19.22	19.46	19.29	19.44	20.2	0
5	64QAM	1	0	19.38	19.36	19.28	19.37		
5	64QAM	1	12	19.26	19.33	19.41	19.30		
5	64QAM	1	24	19.32	19.50	19.34	19.49		
5	64QAM	12	0	19.22	19.48	19.22	19.43	20.2	0
5	64QAM	12	7	19.24	19.45	19.12	19.61		
5	64QAM	12	13	19.27	19.49	19.11	19.33		
5	64QAM	25	0	19.39	19.41	19.37	19.48	20.2	0
5	256QAM	1	0	18.38	18.31	18.24	18.53	19.2	1
5	256QAM	1	12	18.08	18.33	18.11	18.32		
5	256QAM	1	24	18.07	18.28	18.28	18.35		
5	256QAM	12	0	18.17	18.37	18.26	18.40	19.2	1
5	256QAM	12	7	18.13	18.33	18.05	18.40		
5	256QAM	12	13	18.26	18.50	18.24	18.49		
5	256QAM	25	0	18.34	18.46	18.27	18.60		

Reduced Power Mode for DSI4

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	32.84	32.79	32.88	33.40	23.84	23.79	23.88	24.40
GPRS 1 Tx slot	32.81	32.74	32.85	33.40	23.81	23.74	23.85	24.40
GPRS 2 Tx slots	29.79	29.71	29.85	30.40	23.79	23.71	23.85	24.40
GPRS 3 Tx slots	28.05	27.89	28.00	28.60	23.79	23.63	23.74	24.34
GPRS 4 Tx slots	26.94	27.04	27.00	27.40	23.94	24.04	24.00	24.40
EDGE 1 Tx slot	26.60	26.66	26.63	27.50	17.65	17.66	17.63	18.50
EDGE 2 Tx slots	23.07	23.91	23.97	24.50	17.87	17.91	17.97	18.50
EDGE 3 Tx slots	22.08	22.10	22.13	22.70	17.82	17.84	17.87	18.44
EDGE 4 Tx slots	20.98	20.94	21.00	21.50	17.98	17.94	18.00	18.50

		WCDMA IV Ant0 Default				WCDMA V Ant0 Default			
Band		WCDMA IV			Tune-up Limit (dBm)	WCDMA V			Tune-up Limit (dBm)
TX Channel		1312	1413	1513		4132	4182	4233	
Rx Channel		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	22.26	22.29	22.24	23.70	24.11	24.15	24.13	25.00
3GPP Rel 99	RMC 12.2Kbps	22.31	22.39	22.33	23.70	24.22	24.28	24.21	25.00
3GPP Rel 6	HSDPA Subtest-1	21.23	21.27	21.29	22.70	23.16	23.22	23.10	24.00
3GPP Rel 6	HSDPA Subtest-2	21.26	21.34	21.13	22.70	23.12	23.23	23.06	24.00
3GPP Rel 6	HSDPA Subtest-3	20.66	20.78	20.77	22.20	22.53	22.60	22.63	23.50
3GPP Rel 6	HSDPA Subtest-4	20.61	20.84	20.72	22.20	22.54	22.78	22.65	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	21.35	21.37	21.11	22.70	23.19	23.18	23.06	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	21.21	21.37	21.17	22.70	23.20	23.17	23.05	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	20.63	20.81	20.62	22.20	22.55	22.66	22.60	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	20.74	20.88	20.71	22.20	22.66	22.66	22.58	23.50
3GPP Rel 6	HSUPA Subtest-1	21.17	21.37	21.34	22.70	22.99	23.15	23.25	24.00
3GPP Rel 6	HSUPA Subtest-2	19.25	19.32	19.29	20.70	21.11	21.24	21.17	22.00
3GPP Rel 6	HSUPA Subtest-3	20.32	20.32	20.12	21.70	22.20	22.16	22.14	23.00
3GPP Rel 6	HSUPA Subtest-4	19.19	19.29	19.33	20.70	21.01	21.16	21.24	22.00
3GPP Rel 6	HSUPA Subtest-5	21.21	21.35	21.15	22.70	23.20	23.18	23.09	24.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	18.73	18.84	18.68	20.20	20.74	20.70	20.57	21.50

Band 4 Ant0 Default

BW [MHz]	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	23.94	24.08	23.98		
20	QPSK	1	49	23.87	23.97	23.87	25.5	0
20	QPSK	1	99	23.88	23.94	23.93		
20	QPSK	50	0	23.95	24.02	23.91		
20	QPSK	50	24	23.87	23.91	23.78	25.5	0
20	QPSK	50	50	23.92	24.00	23.90		
20	QPSK	100	0	23.86	23.96	23.91		
20	16QAM	1	0	23.96	24.07	23.93		
20	16QAM	1	49	23.94	24.01	23.87	25.5	0
20	16QAM	1	99	23.85	23.94	23.87		
20	16QAM	50	0	22.91	23.04	23.00		
20	16QAM	50	24	22.81	22.91	22.87	24.5	1
20	16QAM	50	50	22.90	22.94	22.80		
20	16QAM	100	0	22.96	23.00	22.94		
20	64QAM	1	0	22.91	23.06	22.98		
20	64QAM	1	49	22.83	22.93	22.78	24.5	1
20	64QAM	1	99	22.85	22.96	22.87		
20	64QAM	50	0	21.95	22.02	21.97		
20	64QAM	50	24	21.84	21.98	21.90	23.5	2
20	64QAM	50	50	21.79	21.93	21.80		
20	64QAM	100	0	21.84	21.97	21.93		
20	256QAM	1	0	19.04	19.09	19.00		
20	256QAM	1	49	18.92	18.95	18.82	20.5	5
20	256QAM	1	99	18.88	19.02	18.99		
20	256QAM	50	0	18.82	18.96	18.89		
20	256QAM	50	24	18.77	18.85	18.70	20.5	5
20	256QAM	50	50	18.79	18.84	18.78		
20	256QAM	100	0	18.90	19.01	18.89		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	23.83	23.99	23.86		
15	QPSK	1	37	23.83	24.00	23.77	25.5	0
15	QPSK	1	74	23.82	24.00	23.89		
15	QPSK	36	0	23.86	23.96	23.85		
15	QPSK	36	20	23.77	23.83	23.68	25.5	0
15	QPSK	36	39	23.78	23.88	23.78		
15	QPSK	75	0	23.76	23.85	23.76		
15	16QAM	1	0	23.85	24.03	23.81		
15	16QAM	1	37	23.85	23.95	23.74	25.5	0
15	16QAM	1	74	23.75	23.86	23.76		
15	16QAM	36	0	22.77	22.95	22.89		
15	16QAM	36	20	22.70	22.78	22.78	24.5	1
15	16QAM	36	39	22.86	22.85	22.75		
15	16QAM	75	0	22.86	22.87	22.84		
15	64QAM	1	0	22.86	23.02	22.91		
15	64QAM	1	37	22.73	22.79	22.75	24.5	1
15	64QAM	1	74	22.80	22.82	22.81		
15	64QAM	36	0	21.84	21.90	21.85		
15	64QAM	36	20	21.80	21.87	21.86	23.5	2
15	64QAM	36	39	21.69	21.87	21.71		
15	64QAM	75	0	21.72	21.86	21.90		
15	256QAM	1	0	18.92	19.03	18.93		
15	256QAM	1	37	18.78	18.83	18.67	20.5	5
15	256QAM	1	74	18.84	18.93	18.93		
15	256QAM	36	0	18.73	18.89	18.81		
15	256QAM	36	20	18.68	18.77	18.63	20.5	5
15	256QAM	36	39	18.88	18.87	18.65		
15	256QAM	75	0	18.78	18.90	18.76		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	23.86	24.02	23.92		
10	QPSK	1	25	23.73	23.84	23.81	25.5	0
10	QPSK	1	49	23.84	23.92	23.88		
10	QPSK	25	0	23.85	23.93	23.77		
10	QPSK	25	12	23.76	23.83	23.70	25.5	0
10	QPSK	25	25	23.82	23.86	23.86		
10	QPSK	50	0	23.83	23.91	23.78		
10	16QAM	1	0	23.84	23.94	23.81		
10	16QAM	1	25	23.81	23.98	23.82	25.5	0
10	16QAM	1	49	23.71	23.84	23.81		
10	16QAM	25	0	22.77	22.96	22.91		
10	16QAM	25	12	22.75	22.77	22.80	24.5	1
10	16QAM	25	25	22.79	22.84	22.73		
10	16QAM	50	0	22.81	22.93	22.91		
10	64QAM	1	0	22.77	22.93	22.87		
10	64QAM	1	25	22.74	22.85	22.66	24.5	1
10	64QAM	1	49	22.82	22.82	22.75		
10	64QAM	25	0	21.81	21.96	21.87		
10	64QAM	25	12	21.75	21.87	21.79	23.5	2
10	64QAM	25	25	21.66	21.87	21.76		
10	64QAM	50	0	21.79	21.86	21.88		
10	256QAM	1	0	18.93	18.94	18.86		
10	256QAM	1	25	18.84	18.88	18.74	20.5	5
10	256QAM	1	49	18.85	18.98	18.89		
10	256QAM	25	0	18.71	18.87	18.85		
10	256QAM	25	12	18.81	18.76	18.65	20.5	5
10	256QAM	25	25	18.71	18.82	18.68		
10	256QAM	50	0	18.87	18.93	18.83		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	23.85	23.94	23.85		
5	QPSK	1	12	23.74	23.94	23.82	25.5	0
5	QPSK	1	24	23.81	23.92	23.89		
5	QPSK	12	0	23.88	23.95	23.77		
5	QPSK	12	7	23.79	23.82	23.69	25.5	0
5	QPSK	12	13	23.81	23.97	23.75		
5	QPSK	25	0	23.81	23.90	23.82		
5	16QAM	1	0	23.87	23.94	23.88		
5	16QAM	1	12	23.90	23.86	23.81	25.5	0
5	16QAM	1	24	23.73	23.90	23.78		
5	16QAM	12	0	22.85	22.90	22.91		
5	16QAM	12	7	22.75	22.87	22.77	24.5	1
5	16QAM	12	13	22.83	22.82	22.70		
5	16QAM	25	0	22.93	22.92	22.83		
5	64QAM	1	0	22.77	23.00	22.94		
5	64QAM	1	12	22.75	22.89	22.64	24.5	1
5	64QAM	1	24	22.82	22.81	22.78		
5	64QAM	12	0	21.89	21.90	21.82		
5	64QAM	12	7	21.78	21.92	21.81	23.5	2
5	64QAM	12	13	21.68	21.86	21.70		
5	64QAM	25	0	21.74	21.86	21.86		
5	256QAM	1	0	18.90	19.03	18.90		
5	256QAM	1	12	18.85	18.85	18.76	20.5	5
5	256QAM	1	24	18.79	18.89	18.87		
5	256QAM	12	0	18.81	18.81	18.81		
5	256QAM	12	7	18.65	18.78	18.65	20.5	5
5	256QAM	12	13	18.75	18.80	18.64		
5	256QAM	25	0	18.86	18.96	18.75		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	23.89	24.03	23.95		
3	QPSK	1	8	23.81	23.87	23.81	25.5	0
3	QPSK	1	14	23.84	23.89	23.89		
3	QPSK	8	0	23.80	23.92	23.87		
3	QPSK	8	4	23.79	23.79	23.74	25.5	0
3	QPSK	8	7	23.85	23.95	23.82		
3	QPSK	15	0	23.75	23.87	23.83		
3	16QAM	1	0	23.91	23.98	23.79		
3	16QAM	1	8	23.80	23.92	23.76	25.5	0
3	16QAM	1	14	23.70	23.82	23.82		
3	16QAM	8	0	22.80	22.98	22.89		
3	16QAM	8	4	22.71	22.83	22.76	24.5	1
3	16QAM	8	7	22.81	22.81	22.74		
3	16QAM	15	0	22.83	22.86	22.84		
3	64QAM	1	0	22.78	23.00	22.86		
3	64QAM	1	8	22.74	22.84	22.67	24.5	1
3	64QAM	1	14	22.73	22.90	22.73		
3	64QAM	8	0	21.87	21.92	21.88		
3	64QAM	8	4	21.80	21.95	21.76	23.5	2
3	64QAM	8	7	21.67	21.82	21.73		
3	64QAM	15	0	21.74	21.93	21.89		
3	256QAM	1	0	18.91	18.99	18.94		
3	256QAM	1	8	18.88	18.89	18.76	20.5	5
3	256QAM	1	14	18.78	18.95	18.91		
3	256QAM	8	0	18.72	18.84	18.84		
3	256QAM	8	4	18.64	18.79	18.58	20.5	5
3	256QAM	8	7	18.67	18.87	18.64		
3	256QAM	15	0	18.77	18.94	18.76		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	23.81	24.03	23.84		
1.4	QPSK	1	3	23.83	23.93	23.78		
1.4	QPSK	1	5	23.78	23.91	23.90	25.5	0
1.4	QPSK	3	0	23.89	23.97	23.81		
1.4	QPSK	3	1	23.75	23.77	23.73		
1.4	QPSK	3	3	23.79	23.94	23.82		
1.4	QPSK	6	0	23.74	23.87	23.86	25.5	0
1.4	16QAM	1	0	23.88	23.95	23.78		
1.4	16QAM	1	3	23.86	23.88	23.84		
1.4	16QAM	1	5	23.78	23.90	23.76	25.5	0
1.4	16QAM	3	0	23.80	23.98	23.86		
1.4	16QAM	3	1	23.67	23.88	23.79		
1.4	16QAM	3	3	23.82	23.83	23.73		
1.4	16QAM	6	0	22.83	22.94	22.80	24.5	1
1.4	64QAM	1	0	22.76	22.94	22.86		
1.4	64QAM	1	3	22.71	22.82	22.70		
1.4	64QAM	1	5	22.75	22.93	22.74	24.5	1
1.4	64QAM	3	0	22.91	22.93	22.83		
1.4	64QAM	3	1	22.70	22.95	22.85		
1.4	64QAM	3	3	22.67	22.86	22.74		
1.4	64QAM	6	0	21.71	21.84	21.89	23.5	2
1.4	256QAM	1	0	18.98	18.94	18.85		
1.4	256QAM	1	3	18.91	18.81	18.75		
1.4	256QAM	1	5	18.77	18.87	18.85	20.5	5
1.4	256QAM	3	0	18.73	18.82	18.83		
1.4	256QAM	3	1	18.73	18.74	18.62		
1.4	256QAM	3	3	18.70	18.83	18.72		
1.4	256QAM	6	0	18.82	18.98	18.83	20.5	5

Band 5 Ant0 Default

BW [MHz]	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	24.93	25.11	25.10		
10	QPSK	1	25	25.02	25.06	24.94	25.7	0
10	QPSK	1	49	24.81	24.89	23.86		
10	QPSK	25	0	24.97	25.03	24.97		
10	QPSK	25	12	24.87	24.96	24.86	25.7	0
10	QPSK	25	25	24.91	25.00	24.93		
10	QPSK	50	0	24.90	24.97	24.83		
10	16QAM	1	0	25.01	25.10	25.06		
10	16QAM	1	25	24.91	25.00	24.90	25.7	0
10	16QAM	1	49	24.93	25.03	24.96		
10	16QAM	25	0	23.88	23.94	23.86		
10	16QAM	25	12	23.80	23.86	23.77	24.7	1
10	16QAM	25	25	23.70	23.83	23.77		
10	16QAM	50	0	23.84	23.91	23.78		
10	64QAM	1	0	23.96	24.09	24.00		
10	64QAM	1	25	23.90	24.00	23.97	24.7	1
10	64QAM	1	49	23.87	23.98	23.85		
10	64QAM	25	0	22.93	22.97	22.92		
10	64QAM	25	12	22.79	22.93	22.88	23.7	2
10	64QAM	25	25	22.72	22.83	22.69		
10	64QAM	50	0	22.77	22.91	22.77		
10	256QAM	1	0	19.85	20.00	19.91		
10	256QAM	1	25	19.77	19.90	19.79	20.7	5
10	256QAM	1	49	19.78	19.91	19.82		
10	256QAM	25	0	19.84	19.89	19.79		
10	256QAM	25	12	19.80	19.84	19.72	20.7	5
10	256QAM	25	25	19.67	19.74	19.66		
10	256QAM	50	0	19.93	19.97	19.88		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	24.90	25.06	25.04		
5	QPSK	1	12	24.88	24.99	24.81	25.7	0
5	QPSK	1	24	24.74	24.83	24.72		
5	QPSK	12	0	24.85	24.94	24.85		
5	QPSK	12	7	24.77	24.87	24.75	25.7	0
5	QPSK	12	13	24.79	24.85	24.90		
5	QPSK	25	0	24.76	24.89	24.80		
5	16QAM	1	0	24.88	25.06	24.99		
5	16QAM	1	12	24.83	24.90	24.76	25.7	0
5	16QAM	1	24	24.86	24.95	24.92		
5	16QAM	12	0	23.81	23.80	23.73		
5	16QAM	12	7	23.73	23.71	23.73	24.7	1
5	16QAM	12	13	23.66	23.74	23.70		
5	16QAM	25	0	23.74	23.82	23.68		
5	64QAM	1	0	23.83	24.00	23.90		
5	64QAM	1	12	23.80	23.89	23.90	24.7	1
5	64QAM	1	24	23.81	23.85	23.72		
5	64QAM	12	0	22.84	22.89	22.85		
5	64QAM	12	7	22.72	22.83	22.76	23.7	2
5	64QAM	12	13	22.67	22.79	22.59		
5	64QAM	25	0	22.74	22.84	22.72		
5	256QAM	1	0	19.72	19.86	19.85		
5	256QAM	1	12	19.73	19.85	19.73	20.7	5
5	256QAM	1	24	19.67	19.79	19.68		
5	256QAM	12	0	19.72	19.80	19.70		
5	256QAM	12	7	19.75	19.71	19.61		
5	256QAM	12	13	19.55	19.66	19.56	20.7	5
5	256QAM	25	0	19.81	19.88	19.82		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	24.78	25.01	24.95		
3	QPSK	1	8	24.99	24.96	24.88	25.7	0
3	QPSK	1	14	24.71	24.75	24.65		
3	QPSK	8	0	24.93	24.88	24.92		
3	QPSK	8	4	24.82	24.86	24.83	25.7	0
3	QPSK	8	7	24.84	24.89	24.80		
3	QPSK	15	0	24.83	24.91	24.73		
3	16QAM	1	0	24.89	25.05	24.95		
3	16QAM	1	8	24.87	24.86	24.78	25.7	0
3	16QAM	1	14	24.84	24.96	24.87		
3	16QAM	8	0	23.75	23.82	23.80		
3	16QAM	8	4	23.73	23.76	23.72	24.7	1
3	16QAM	8	7	23.66	23.72	23.94		
3	16QAM	15	0	23.71	23.82	23.75		
3	64QAM	1	0	23.88	24.03	23.94		
3	64QAM	1	8	23.85	23.88	23.85	24.7	1
3	64QAM	1	14	23.81	23.91	23.80		
3	64QAM	8	0	22.84	22.88	22.88		
3	64QAM	8	4	22.76	22.86	22.79	23.7	2
3	64QAM	8	7	22.62	22.69	22.56		
3	64QAM	15	0	22.72	22.77	22.63		
3	256QAM	1	0	19.82	19.92	19.81		
3	256QAM	1	8	19.72	19.82	19.67	20.7	5
3	256QAM	1	14	19.64	19.84	19.70		
3	256QAM	8	0	19.69	19.78	19.64		
3	256QAM	8	4	19.69	19.82	19.67	20.7	5
3	256QAM	8	7	19.57	19.66	19.61		
3	256QAM	15	0	19.80	19.84	19.73		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	24.81	25.02	24.97		
1.4	QPSK	1	3	24.96	24.98	24.85		
1.4	QPSK	1	5	24.72	24.77	24.64	25.7	0
1.4	QPSK	3	0	24.85	24.99	24.93		
1.4	QPSK	3	1	24.79	24.81	24.83		
1.4	QPSK	3	3	24.87	24.91	24.85		
1.4	QPSK	6	0	24.78	24.88	24.69	25.7	0
1.4	16QAM	1	0	24.88	24.99	25.01		
1.4	16QAM	1	3	24.90	24.91	24.85		
1.4	16QAM	1	5	24.85	24.91	24.90	25.7	0
1.4	16QAM	3	0	24.76	24.86	24.82		
1.4	16QAM	3	1	24.66	24.79	24.73		
1.4	16QAM	3	3	24.62	24.73	24.66		
1.4	16QAM	6	0	23.70	23.80	23.69	24.7	1
1.4	64QAM	1	0	23.91	23.98	23.88		
1.4	64QAM	1	3	23.79	23.86	23.84		
1.4	64QAM	1	5	23.81	23.90	23.72	24.7	1
1.4	64QAM	3	0	23.90	23.91	23.84		
1.4	64QAM	3	1	23.68	23.84	23.79		
1.4	64QAM	3	3	23.63	23.77	23.63		
1.4	64QAM	6	0	22.73	22.76	22.72	23.7	2
1.4	256QAM	1	0	19.72	19.88	19.87		
1.4	256QAM	1	3	19.72	19.85	19.69		
1.4	256QAM	1	5	19.72	19.78	19.76	20.7	5
1.4	256QAM	3	0	19.77	19.78	19.67		
1.4	256QAM	3	1	19.67	19.72	19.62		
1.4	256QAM	3	3	19.59	19.63	19.60		
1.4	256QAM	6	0	19.81	19.85	19.84	20.7	5

Band 7 Ant0 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	23.54	23.89	23.81		
20	QPSK	1	49	23.61	23.86	23.76	25.2	0
20	QPSK	1	99	23.51	23.72	23.69		
20	QPSK	50	0	23.60	23.81	23.78		
20	QPSK	50	24	23.58	23.78	23.71	25.2	0
20	QPSK	50	50	23.58	23.71	23.59		
20	QPSK	100	0	23.62	23.79	23.74		
20	16QAM	1	0	23.68	23.88	23.78		
20	16QAM	1	49	23.60	23.83	23.74	25.2	0
20	16QAM	1	99	23.58	23.80	23.76		
20	16QAM	50	0	22.81	22.96	22.93		
20	16QAM	50	24	22.62	22.87	22.78	24.2	1
20	16QAM	50	50	22.66	22.88	22.84		
20	16QAM	100	0	22.79	22.94	22.83		
20	64QAM	1	0	22.72	22.94	22.85		
20	64QAM	1	49	22.68	22.82	22.69	24.2	1
20	64QAM	1	99	22.72	22.90	22.86		
20	64QAM	50	0	21.79	21.98	21.90		
20	64QAM	50	24	21.73	21.86	21.80	23.2	2
20	64QAM	50	50	21.77	21.90	21.75		
20	64QAM	100	0	21.71	21.91	21.86		
20	256QAM	1	0	18.80	18.94	18.88		
20	256QAM	1	49	18.66	18.89	18.81	20.2	5
20	256QAM	1	99	18.70	18.87	18.78		
20	256QAM	50	0	18.70	18.91	18.77		
20	256QAM	50	24	18.61	18.78	18.71	20.2	5
20	256QAM	50	50	18.58	18.79	18.73		
20	256QAM	100	0	18.75	18.92	18.86		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	23.61	23.79	23.85		
15	QPSK	1	37	23.63	23.94	23.76	25.2	0
15	QPSK	1	74	23.59	23.80	23.77		
15	QPSK	36	0	23.69	23.83	23.79		
15	QPSK	36	20	23.62	23.85	23.81	25.2	0
15	QPSK	36	39	23.62	23.81	23.68		
15	QPSK	75	0	23.69	23.88	23.84		
15	16QAM	1	0	23.57	23.75	23.73		
15	16QAM	1	37	23.58	23.73	23.63	25.2	0
15	16QAM	1	74	23.55	23.69	23.72		
15	16QAM	36	0	22.70	22.90	22.84		
15	16QAM	36	20	22.57	22.81	22.69	24.2	1
15	16QAM	36	39	22.62	22.77	22.80		
15	16QAM	75	0	22.70	22.87	22.74		
15	64QAM	1	0	22.63	22.82	22.70		
15	64QAM	1	37	22.57	22.69	22.56	24.2	1
15	64QAM	1	74	22.59	22.85	22.80		
15	64QAM	36	0	21.75	21.94	21.83		
15	64QAM	36	20	21.67	21.79	21.73	23.2	2
15	64QAM	36	39	21.69	21.84	21.71		
15	64QAM	75	0	21.63	21.85	21.71		
15	256QAM	1	0	18.69	18.84	18.83		
15	256QAM	1	37	18.62	18.85	18.74	20.2	5
15	256QAM	1	74	18.64	18.82	18.68		
15	256QAM	36	0	18.66	18.81	18.73		
15	256QAM	36	20	18.69	18.74	18.61	20.2	5
15	256QAM	36	39	18.85	18.74	18.59		
15	256QAM	75	0	18.63	18.81	18.77		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	23.61	23.87	23.87		
10	QPSK	1	25	23.67	23.89	23.83	25.2	0
10	QPSK	1	49	23.55	23.72	23.73		
10	QPSK	25	0	23.71	23.87	23.82		
10	QPSK	25	12	23.70	23.86	23.80	25.2	0
10	QPSK	25	25	23.61	23.80	23.71		
10	QPSK	50	0	23.69	23.85	23.80		
10	16QAM	1	0	23.60	23.81	23.65		
10	16QAM	1	25	23.57	23.75	23.69	25.2	0
10	16QAM	1	49	23.

Band 13 Ant0 Default

BW [MHz]	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		25.06		25.6	0
10	QPSK	1	25		25.02			
10	QPSK	1	49		24.96			
10	QPSK	25	0		25.02			
10	QPSK	25	12		24.96		25.6	0
10	QPSK	25	25		24.92			
10	QPSK	50	0		24.97			
10	16QAM	1	0		25.05			
10	16QAM	1	25		24.94		25.6	0
10	16QAM	1	49		24.95			
10	16QAM	25	0		24.03			
10	16QAM	25	12		23.90		24.6	1
10	16QAM	25	25		23.95			
10	16QAM	50	0		24.01			
10	64QAM	1	0		24.06			
10	64QAM	1	25		24.00		24.6	1
10	64QAM	1	49		24.02			
10	64QAM	25	0		22.97			
10	64QAM	25	12		22.92		23.6	2
10	64QAM	25	25		22.89			
10	64QAM	50	0		23.07			
10	256QAM	1	0		20.03			
10	256QAM	1	25		19.91		20.6	5
10	256QAM	1	49		20.00			
10	256QAM	25	0		19.96			
10	256QAM	25	12		19.88		20.6	5
10	256QAM	25	25		19.92			
10	256QAM	50	0		19.95			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	24.92	25.01	25.00	25.6	0
5	QPSK	1	12	24.84	24.87	24.91		
5	QPSK	1	24	24.80	24.84	24.78		
5	QPSK	12	0	24.91	24.99	24.88		
5	QPSK	12	7	24.80	24.91	24.85	25.6	0
5	QPSK	12	13	24.89	24.99	24.79		
5	QPSK	25	0	24.82	24.88	24.73		
5	16QAM	1	0	24.81	24.96	24.78		
5	16QAM	1	12	24.75	24.89	24.70	25.6	0
5	16QAM	1	24	24.71	24.92	24.79		
5	16QAM	12	0	23.76	23.98	23.84		
5	16QAM	12	7	23.77	23.79	23.78	24.6	1
5	16QAM	12	13	23.72	23.86	23.78		
5	16QAM	25	0	23.80	23.91	23.84		
5	64QAM	1	0	23.84	23.98	23.90		
5	64QAM	1	12	23.80	23.93	23.85	24.6	1
5	64QAM	1	24	23.78	23.95	23.78		
5	64QAM	12	0	22.75	22.86	22.79		
5	64QAM	12	7	22.67	22.85	22.76	23.6	2
5	64QAM	12	13	22.65	22.76	22.64		
5	64QAM	25	0	22.92	23.03	22.94		
5	256QAM	1	0	19.87	19.90	19.78		
5	256QAM	1	12	19.74	19.81	19.72	20.6	5
5	256QAM	1	24	19.77	19.86	19.81		
5	256QAM	12	0	19.80	19.89	19.76		
5	256QAM	12	7	19.78	19.82	19.61	20.6	5
5	256QAM	12	13	19.82	19.83	19.78		
5	256QAM	25	0	19.68	19.89	19.82		

Band 17 Ant0 Default

BW [MHz]	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	24.95	25.12	24.97	25.7	0
10	QPSK	1	25	24.99	25.06	24.93		
10	QPSK	1	49	24.97	25.02	24.97		
10	QPSK	25	0	24.98	25.11	25.02		
10	QPSK	25	12	24.88	25.01	24.94	25.7	0
10	QPSK	25	25	24.95	25.05	24.99		
10	QPSK	50	0	24.95	25.09	25.02		
10	16QAM	1	0	25.01	25.10	25.03		
10	16QAM	1	25	25.02	25.07	25.01	25.7	0
10	16QAM	1	49	24.90	25.03	24.88		
10	16QAM	25	0	24.02	24.11	24.03		
10	16QAM	25	12	23.87	24.02	23.97	24.7	1
10	16QAM	25	25	23.92	23.99	23.88		
10	16QAM	50	0	23.97	24.10	23.97		
10	64QAM	1	0	24.07	24.17	24.12		
10	64QAM	1	25	24.00	24.07	23.98	24.7	1
10	64QAM	1	49	24.04	24.12	24.08		
10	64QAM	25	0	22.96	23.08	22.93		
10	64QAM	25	12	22.83	22.95	22.88	23.7	2
10	64QAM	25	25	22.95	23.02	22.92		
10	64QAM	50	0	23.02	23.13	23.02		
10	256QAM	1	0	19.95	20.04	19.95		
10	256QAM	1	25	19.86	20.00	19.93	20.7	5
10	256QAM	1	49	19.86	20.00	19.90		
10	256QAM	25	0	20.02	20.10	20.00		
10	256QAM	25	12	19.84	19.98	19.86	20.7	5
10	256QAM	25	25	19.98	20.04	19.96		
10	256QAM	50	0	19.98	20.06	19.91		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	24.88	24.97	24.84	25.7	0
5	QPSK	1	12	24.88	25.02	24.85		
5	QPSK	1	24	24.91	24.99	24.93		
5	QPSK	12	0	24.92	25.06	24.94		
5	QPSK	12	7	24.84	24.89	24.86	25.7	0
5	QPSK	12	13	24.84	24.93	24.95		
5	QPSK	25	0	24.82	24.97	24.90		
5	16QAM	1	0	24.86	24.96	24.96		
5	16QAM	1	12	24.93	24.96	24.91	25.7	0
5	16QAM	1	24	24.80	24.95	24.81		
5	16QAM	12	0	23.99	24.04	23.95		
5	16QAM	12	7	23.76	23.98	23.88	24.7	1
5	16QAM	12	13	23.84	23.86	23.77		
5	16QAM	25	0	23.90	24.05	23.90		
5	64QAM	1	0	24.03	24.06	23.99		
5	64QAM	1	12	23.87	23.97	23.87	24.7	1
5	64QAM	1	24	23.94	24.00	23.97		
5	64QAM	12	0	22.83	23.01	22.83		
5	64QAM	12	7	22.76	22.83	22.77	23.7	2
5	64QAM	12	13	22.83	22.92	22.80		
5	64QAM	25	0	22.93	23.04	22.96		
5	256QAM	1	0	19.91	19.92	19.85		
5	256QAM	1	12	19.81	19.93	19.82	20.7	5
5	256QAM	1	24	19.79	19.89	19.80		
5	256QAM	12	0	19.98	19.95	19.87		
5	256QAM	12	7	19.69	19.95	19.76	20.7	5
5	256QAM	12	13	19.90	19.95	19.88		
5	256QAM	25	0	19.91	19.96	19.82		

Band 26 Ant0 Default

BW [MHz]	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	25.05	25.14	25.10	25.7	0
15	QPSK	1	37	25.02	25.13	25.04		
15	QPSK	1	74	24.93	25.04	25.00		
15	QPSK	36	0	24.99	25.06	24.95		
15	QPSK	36	20	24.80	24.92	24.79	25.7	0
15	QPSK	36	39	24.85	25.00	24.95		
15	QPSK	75	0	24.96	25.01	24.87		
15	16QAM	1	0	24.96	25.03	24.89		
15	16QAM	1	37	24.84	24.91	24.80	25.7	0
15	16QAM	1	74	24.83	24.90	24.83		
15	16QAM	36	0	23.88	23.99	23.95		
15	16QAM	36	20	23.76	23.90	23.76	24.7	1
15	16QAM	36	39	23.79	23.90	23.85		
15	16QAM	75	0	23.97	24.05	24.00		
15	64QAM	1	0	23.95	24.09	23.99		
15	64QAM	1	37	23.85	23.94	23.89	24.7	1
15	64QAM	1	74	23.84	23.96	23.84		
15	64QAM	36	0	22.93	23.00	22.88		
15	64QAM	36	20	22.87	22.93	22.90	23.7	2
15	64QAM	36	39	22.83	22.87	22.79		
15	64QAM	75	0	22.88	22.99	22.90		
15	256QAM	1	0	19.94	19.98	19.92		
15	256QAM	1	37	19.84	19.91	19.83	20.7	5
15	256QAM	1	74	19.76	19.84	19.77		
15	256QAM	36	0	19.98	20.04	19.93		
15	256QAM	36	20	19.83	19.95	19.82	20.7	5
15	256QAM	36	39	19.95	19.99	19.90		
15	256QAM	75	0	19.85	19.96	19.88		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	24.92	25.02	24.98	25.7	0
10	QPSK	1	25	24.97	25.05	24.96		
10	QPSK	1	49	24.76	24.80	24.80		
10	QPSK	25	0	24.84	24.92	24.88		
10	QPSK	25	12	24.73	24.86	24.73	25.7	0
10	QPSK	25	25	24.72	24.85	24.87		
10	QPSK	50	0	24.92	24.92	24.76		
10	16QAM	1	0	24.83	24.88	24.83		
10	16QAM	1	25	24.72	24.77	24.72	25.7	0
10	16QAM	1	49	24.71	24.80	24.72		
10	16QAM	25	0	23.83	23.85	23.86		
10	16QAM	25	12	23.72	23.77	23.61	24.7	1
10	16QAM	25	25	23.69	23.78	23.77		
10	16QAM	50	0	23.87	23.98	23.95		
10	64QAM	1	0	23.85	24.01	23.93		
10	64QAM	1	25	23.81	23.91	23.79	24.7	1
10	64QAM	1	49	23.77	23.88	23.77		
10	64QAM	25	0	22.86	22.89	22.71		
10	64QAM	25	12	22.83	22.87	22.83	23.7	2
10	64QAM	25	25	22.78	22.75	22.76		
10	64QAM	50	0	22.79	22.91	22.86		
10	256QAM	1	0	19.81	19.95	19.77		
10	256QAM	1	25	19.81	19.85	19.74	20.7	5
10	256QAM	1	49	19.66	19.78	19.64		
10	256QAM	25	0	19.92	19.93	19.79		
10	256QAM	25	12	19.73	19.88	19.75	20.7	5
10	256QAM	25	25	19.88	19.96	19.88		
10	256QAM	50	0	19.72	19.90	19.74		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	24.91	25.04	24.99	25.7	0
5	QPSK	1	12	24.95	25.03	24.94		
5	QPSK	1	24	24.72	24.88	24.79		
5	QPSK	12	0	24.94	24.93	24.88		
5	QPSK	12	7	24.69	24.87	24.66	25.7	0
5	QPSK	12	13	24.72	24.92	24.84		
5	QPSK	25	0	24.82	24.95	24.76		
5	16QAM	1	0	24.88	24.90	24.80		
5	16QAM	1	12	24.79	24.87	24.77	25.7	0
5	16QAM	1	24	24.75	24.82	24.80		
5	16QAM	12	0	23.77	23.96	23.82		
5	16QAM	12	7	23.66	23.80	23.65	24.7	1
5	16QAM	12	13	23.67	23.87	23.74		
5	16QAM	25	0	23.92	23.97	23.93		
5	64QAM	1	0	23.91	23.95	23.95		
5	64QAM	1	12	23.74	23.81	23.77	24.7	1
5	64QAM	1	24	23.79	23.93	23.76		
5	64QAM	12	0	22.82	22.89	22.79		
5	64QAM	12	7	22.72	22.80	22.77	23.7	2
5	64QAM	12	13	22.76	22.81	22.76		
5	64QAM	25	0	22.74	22.86	22.78		
5	256QAM	1	0	19.89	19.95	19.82		
5	256QAM	1	12	19.71	19.76	19.80	20.7	5
5	256QAM	1	24	19.66	19.77	19.68		
5	256QAM	12	0	19.84	19.92	19.82		
5	256QAM	12	7	19.70	19.92	19.68	20.7	5
5	256QAM	12	13	19.85	19.91	19.81		
5	256QAM	25	0	19.79	19.86	19.77		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	24.99	25.07	24.95	25.7	0
3	QPSK	1	8	24.95	25.06	25.00		
3	QPSK	1	14	24.75	24.90	24.76		
3	QPSK	8	0	24.88	24.96	24.87		
3	QPSK	8	4	24.74	24.83	24.86	25.7	0
3	QPSK	8	7	24.80	24.88	24.87		
3	QPSK	15	0	24.93	24.94	24.73		
3	16QAM	1	0	24.90	24.93	24.84		
3	16QAM	1	8	24.77	24.86	24.89	25.7	0
3	16QAM	1	14	24.70	24.83	24.79		
3	16QAM	8	0	23.80	23.88	23.89		
3	16QAM	8	4	23.70	23.80	23.69	24.7	1
3	16QAM	8	7	23.64	23.75	23.78		
3	16QAM	15	0	23.83	24.00	23.92		
3	64QAM	1	0	23.82	24.00	23.90		
3	64QAM	1	8	23.81	23.81	23.80	24.7	1
3	64QAM	1	14	23.73	23.83	23.76		
3	64QAM	8	0	22.87	22.89	22.76		
3	64QAM	8	4	22.78	22.83	22.78	23.7	2
3	64QAM	8	7	22.72	22.79	22.69		
3	64QAM	15	0	22.79	22.84	22.83		
3	256QAM	1	0	19.80	19.95	19.85		
3	256QAM	1	8	19.75	19.81	19.69	20.7	5
3	256QAM	1	14	19.71	19.75	19.67		
3	256QAM	8	0	19.95	19.94	19.82		
3	256QAM	8	4	19.77	19.87	19.72	20.7	5
3	256QAM	8	7	19.82	19.90	19.80		
3	256QAM	15	0	19.81	19.82	19.81		
Channel				26677	26865	27053	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	24.98	25.10	25.07	25.7	0
1.4	QPSK	1	3	24.98	25.09	24.95		
1.4	QPSK	1	5	24.85	24.80	24.91		
1.4	QPSK	3	0	24.96	24.97	24.87		
1.4	QPSK	3	1	24.74	24.88	24.87		
1.4	QPSK	3	3	24.71	24.90	24.83		
1.4	QPSK	6	0	24.85	24.93	24.83	25.7	0
1.4	16QAM	1	0	24.86	24.98	24.74	25.7	0
1.4	16QAM	1	3	24.75	24.77	24.76		
1.4	16QAM	1	5	24.71	24.87	24.79		
1.4	16QAM	3	0	24.76	24.89	24.84		
1.4	16QAM	3	1	24.62	24.81	24.81		
1.4	16QAM	3	3	24.64	24.78	24.74		
1.4	16QAM	6	0	23.90	23.95	23.94	24.7	1
1.4	64QAM	1	0	23.86	24.02	23.90	24.7	1
1.4	64QAM	1	3	23.80	23.83	23.85		
1.4	64QAM	1	5	23.72	23.82	23.79		
1.4	64QAM	3	0	23.80	23.93	23.82		
1.4	64QAM	3	1	23.76	23.83	23.77		
1.4	64QAM	3	3	23.72	23.79	23.68		
1.4	64QAM	6	0	22.85	22.85	22.79	23.7	2
1.4	256QAM	1	0	19.84	19.92	19.85	20.7	5
1.4	256QAM	1	3	19.80	19.88	19.76		
1.4	256QAM	1	5	19.68	19.75	19.63		
1.4	256QAM	3	0	19.94	20.01	19.82		
1.4	256QAM	3	1	19.79	19.90	19.74		
1.4	256QAM	3	3	19.86	19.91	19.89		
1.4	256QAM	6	0	19.80	19.92	19.76	20.7	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	22.78	22.86	22.65	24.3	0
20	QPSK	1	49	22.72	22.77	22.62		
20	QPSK	1	99	22.73	22.81	22.70		
20	QPSK	50	0	22.71	22.84	22.79		
20	QPSK	50	24	22.62	22.76	22.67	24.3	0
20	QPSK	50	50	22.68	22.82	22.76		
20	QPSK	100	0	22.67	22.76	22.73		
20	16QAM	1	0	22.75	22.82	22.72		
20	16QAM	1	49	22.70	22.74	22.63	24.3	0
20	16QAM	1	99	22.60	22.71	22.67		
20	16QAM	50	0	21.79	21.88	21.74		
20	16QAM	50	24	21.63	21.75	21.68	23.3	1
20	16QAM	50	50	21.74	21.79	21.67		
20	16QAM	100	0	21.63	21.76	21.62		
20	64QAM	1	0	21.74	21.81	21.66		
20	64QAM	1	49	21.77	21.86	21.72	23.3	1
20	64QAM	1	99	21.60	21.74	21.69		
20	64QAM	50	0	20.80	20.91	20.83		
20	64QAM	50	24	20.78	20.85	20.73	22.3	2
20	64QAM	50	50	20.65	20.77	20.67		
20	64QAM	100	0	20.73	20.84	20.78		
20	256QAM	1	0	17.68	17.80	17.66		
20	256QAM	1	49	17.66	17.71	17.60	19.3	5
20	256QAM	1	99	17.77	17.87	17.74		
20	256QAM	50	0	17.86	17.91	17.86		
20	256QAM	50	24	17.72	17.84	17.69	19.3	5
20	256QAM	50	50	17.80	17.92	17.85		
20	256QAM	100	0	18.83	18.88	18.85		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	22.71	22.76	22.57	24.3	0
15	QPSK	1	37	22.58	22.64	22.53		
15	QPSK	1	74	22.67	22.72	22.66		
15	QPSK	36	0	22.66	22.75	22.73		
15	QPSK	36	20	22.55	22.65	22.61	24.3	0
15	QPSK	36	39	22.58	22.72	22.68		
15	QPSK	75	0	22.53	22.68	22.70		
15	16QAM	1	0	22.67	22.70	22.61		
15	16QAM	1	37	22.58	22.65	22.49	24.3	0
15	16QAM	1	74	22.46	22.62	22.54		
15	16QAM	36	0	21.75	21.74	21.71		
15	16QAM	36	20	21.59	21.62	21.55	23.3	1
15	16QAM	36	39	21.65	21.73	21.56		
15	16QAM	75	0	21.50	21.67	21.58		
15	64QAM	1	0	21.62	21.70	21.54		
15	64QAM	1	37	21.71	21.82	21.60	23.3	1
15	64QAM	1	74	21.56	21.60	21.57		
15	64QAM	36	0	20.77	20.77	20.71		
15	64QAM	36	20	20.66	20.74	20.65	22.3	2
15	64QAM	36	39	20.51	20.71	20.57		
15	64QAM	75	0	20.62	20.80	20.71		
15	256QAM	1	0	17.56	17.77	17.52		
15	256QAM	1	37	17.55	17.63	17.52	19.3	5
15	256QAM	1	74	17.73	17.76	17.63		
15	256QAM	36	0	17.79	17.85	17.72		
15	256QAM	36	20	17.65	17.79	17.56	19.3	5
15	256QAM	36	39	17.68	17.81	17.60		
15	256QAM	75	0	18.80	18.75	18.77		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	22.73	22.71	22.60	24.3	0
10	QPSK	1	25	22.57	22.69	22.57		
10	QPSK	1	49	22.63	22.66	22.65		
10	QPSK	25	0	22.65	22.80	22.66		
10	QPSK	25	12	22.57	22.70	22.64	24.3	0
10	QPSK	25	25	22.62	22.77	22.69		
10	QPSK	50	0	22.63	22.66	22.61		
10	16QAM	1	0	22.66	22.74	22.62		
10	16QAM	1	25	22.62	22.63	22.51	24.3	0
10	16QAM	1	49	22.48	22.60	22.63		
10	16QAM	25	0	21.68	21.79	21.61		
10	16QAM	25	12	21.58	21.60	21.54	23.3	1
10	16QAM	25	25	21.68	21.66	21.62		
10	16QAM	50	0	21.50	21.65	21.53		
10	64QAM	1	0	21.64	21.70	21.58		
10	64QAM	1	25	21.72	21.80	21.60	23.3	1
10	64QAM	1	49	21.48	21.68	21.55		
10	64QAM	25	0	20.68	20.84	20.78		
10	64QAM	25	12	20.67	20.78	20.67	22.3	2
10	64QAM	25	25	20.59	20.64	20.56		
10	64QAM	50	0	20.68	20.73	20.63		
10	256QAM	1	0	17.55	17.75	17.60		
10	256QAM	1	25	17.58	17.60	17.52	19.3	5
10	256QAM	1	49	17.63	17.74	17.61		
10	256QAM	25	0	17.79	17.84	17.79		
10	256QAM	25	12	17.60	17.80	17.60	19.3	5
10	256QAM	25	25	17.72	17.82	17.77		
10	256QAM	50	0	18.70	18.74	18.80		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	22.69	22.80	22.52	24.3	0
5	QPSK	1	12	22.59	22.72	22.55		
5	QPSK	1	24	22.65	22.67	22.61		
5	QPSK	12	0	22.66	22.71	22.70		
5	QPSK	12	7	22.49	22.65	22.54	24.3	0
5	QPSK	12	13	22.58	22.67	22.72		
5	QPSK	25	0	22.59	22.75	22.67		
5	16QAM	1	0	22.71	22.68	22.61		
5	16QAM	1	12	22.57	22.69	22.59	24.3	0
5	16QAM	1	24	22.51	22.64	22.64		
5	16QAM	12	0	21.71	21.77	21.69		
5	16QAM	12	7	21.59	21.66	21.62	23.3	1
5	16QAM	12	13	21.68	21.76	21.59		
5	16QAM	25	0	21.53	21.65	21.53		
5	64QAM	1	0	21.60	21.71	21.53		
5	64QAM	1	12	21.64	21.82	21.64	23.3	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				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	23.64	23.70	23.59	24.7	0
20	QPSK	1	49	23.52	23.63	23.53		
20	QPSK	1	99	23.39	23.45	23.36		
20	QPSK	50	0	23.49	23.63	23.49		
20	QPSK	50	24	23.44	23.58	23.44		
20	QPSK	50	50	23.49	23.58	23.44		
20	QPSK	100	0	23.49	23.60	23.55		
20	16QAM	1	0	23.56	23.64	23.58		
20	16QAM	1	49	23.45	23.50	23.35	24.7	0
20	16QAM	1	99	23.46	23.58	23.49		
20	16QAM	50	0	22.64	22.69	22.56		
20	16QAM	50	24	22.47	22.57	22.42	23.7	1
20	16QAM	50	50	22.51	22.54	22.40		
20	16QAM	100	0	22.55	22.61	22.46		
20	64QAM	1	0	22.59	22.63	22.60		
20	64QAM	1	49	22.36	22.48	22.34	23.7	1
20	64QAM	1	99	22.45	22.55	22.50		
20	64QAM	50	0	21.58	21.67	21.57		
20	64QAM	50	24	21.46	21.60	21.55	22.7	2
20	64QAM	50	50	21.53	21.57	21.49		
20	64QAM	100	0	21.47	21.54	21.44		
20	256QAM	1	0	18.62	18.68	18.62		
20	256QAM	1	49	18.51	18.60	18.49	19.7	5
20	256QAM	1	99	18.42	18.54	18.43		
20	256QAM	50	0	18.49	18.63	18.48		
20	256QAM	50	24	18.51	18.57	18.49	19.7	5
20	256QAM	50	50	18.46	18.50	18.38		
20	256QAM	100	0	18.49	18.59	18.55		
Channel				37525	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	23.54	23.65	23.53	24.7	0
15	QPSK	1	37	23.41	23.50	23.45		
15	QPSK	1	74	23.34	23.39	23.29		
15	QPSK	36	0	23.37	23.50	23.38		
15	QPSK	36	20	23.36	23.41	23.36	24.7	0
15	QPSK	36	39	23.38	23.51	23.41		
15	QPSK	75	0	23.36	23.45	23.41		
15	16QAM	1	0	23.44	23.55	23.43		
15	16QAM	1	37	23.35	23.36	23.25	24.7	0
15	16QAM	1	74	23.41	23.51	23.41		
15	16QAM	36	0	22.61	22.64	22.50		
15	16QAM	36	20	22.41	22.49	22.39	23.7	1
15	16QAM	36	39	22.44	22.48	22.33		
15	16QAM	75	0	22.41	22.56	22.38		
15	64QAM	1	0	22.48	22.49	22.49		
15	64QAM	1	37	22.27	22.39	22.25	23.7	1
15	64QAM	1	74	22.34	22.44	22.39		
15	64QAM	36	0	21.50	21.62	21.43		
15	64QAM	36	20	21.35	21.57	21.47	22.7	2
15	64QAM	36	39	21.47	21.44	21.37		
15	64QAM	75	0	21.36	21.42	21.38		
15	256QAM	1	0	18.58	18.56	18.57		
15	256QAM	1	37	18.41	18.56	18.39	19.7	5
15	256QAM	1	74	18.30	18.40	18.38		
15	256QAM	36	0	18.37	18.57	18.37		
15	256QAM	36	20	18.37	18.43	18.43	19.7	5
15	256QAM	36	39	18.36	18.35	18.27		
15	256QAM	75	0	18.39	18.44	18.45		
Channel				37600	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	23.54	23.58	23.53	24.7	0
10	QPSK	1	25	23.42	23.59	23.49		
10	QPSK	1	49	23.28	23.33	23.23		
10	QPSK	25	0	23.44	23.54	23.37		
10	QPSK	25	12	23.41	23.49	23.32	24.7	0
10	QPSK	25	25	23.40	23.51	23.38		
10	QPSK	50	0	23.35	23.54	23.43		
10	16QAM	1	0	23.43	23.57	23.43		
10	16QAM	1	25	23.34	23.41	23.21	24.7	0
10	16QAM	1	49	23.37	23.50	23.40		
10	16QAM	25	0	22.54	22.57	22.44		
10	16QAM	25	12	22.40	22.47	22.28	23.7	1
10	16QAM	25	25	22.43	22.50	22.26		
10	16QAM	50	0	22.52	22.56	22.32		
10	64QAM	1	0	22.54	22.57	22.51		
10	64QAM	1	25	22.28	22.38	22.25	23.7	1
10	64QAM	1	49	22.30	22.46	22.40		
10	64QAM	25	0	21.51	21.55	21.46		
10	64QAM	25	12	21.39	21.53	21.45	22.7	2
10	64QAM	25	25	21.40	21.46	21.37		
10	64QAM	50	0	21.37	21.45	21.34		
10	256QAM	1	0	18.55	18.64	18.50		
10	256QAM	1	25	18.43	18.53	18.35	19.7	5
10	256QAM	1	49	18.27	18.44	18.38		
10	256QAM	25	0	18.45	18.54	18.41		
10	256QAM	25	12	18.45	18.51	18.41	19.7	5
10	256QAM	25	25	18.32	18.37	18.27		
10	256QAM	50	0	18.45	18.45	18.43		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	23.54	23.63	23.47	24.7	0
5	QPSK	1	12	23.43	23.52	23.46		
5	QPSK	1	24	23.29	23.36	23.31		
5	QPSK	12	0	23.40	23.56	23.41		
5	QPSK	12	7	23.32	23.53	23.35	24.7	0
5	QPSK	12	13	23.39	23.48	23.37		
5	QPSK	25	0	23.39	23.55	23.41		
5	16QAM	1	0	23.48	23.58	23.44		
5	16QAM	1	12	23.30	23.46	23.26	24.7	0
5	16QAM	1	24	23.33	23.54	23.36		
5	16QAM	12	0	22.52	22.61	22.44		
5	16QAM	12	7	22.43	22.54	22.39	23.7	1
5	16QAM	12	13	22.43	22.44	22.36		
5	16QAM	25	0	22.41	22.54	22.34		
5	64QAM	1	0	22.46	22.54	22.48		
5	64QAM	1	12	22.29	22.45	22.23	23.7	1
5	64QAM	1	24	22.38	22.51	22.45		
5	64QAM	12	0	21.45	21.56	21.53		
5	64QAM	12	7	21.41	21.55	21.41	22.7	2
5	64QAM	12	13	21.40	21.52	21.45		
5	64QAM	25	0	21.33	21.42	21.37		
5	256QAM	1	0	18.55	18.57	18.53		
5	256QAM	1	12	18.45	18.54	18.39	19.7	5
5	256QAM	1	24	18.31	18.43	18.34		
5	256QAM	12	0	18.43	18.50	18.33		
5	256QAM	12	7	18.48	18.46	18.37	19.7	5
5	256QAM	12	13	18.41	18.40	18.34		
5	256QAM	25	0	18.35	18.55	18.50		

Band 41 Ant0 Default

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	23.71	23.64	23.79	23.50	23.46	24.9	0
20	QPSK	1	49	23.58	23.57	23.63	23.53	23.50		
20	QPSK	1	99	23.55	23.53	23.58	23.53	23.41		
20	QPSK	50	0	23.54	23.58	23.65	23.56	23.47		
20	QPSK	50	24	23.55	23.58	23.62	23.48	23.42	24.9	0
20	QPSK	50	50	23.51	23.45	23.57	23.53	23.38		
20	QPSK	100	0	23.49	23.50	23.60	23.45	23.39		
20	16QAM	1	0	23.58	23.46	23.61	23.54	23.39		
20	16QAM	1	49	23.49	23.48	23.56	23.47	23.40	24.9	0
20	16QAM	1	99	23.33	23.39	23.51	23.44	23.31		
20	16QAM	50	0	22.47	22.51	22.58	22.47	22.41		
20	16QAM	50	24	22.42	22.40	22.44	22.39	22.36	23.9	1
20	16QAM	50	50	22.38	22.37	22.48	22.34	22.34		
20	16QAM	100	0	22.50	22.50	22.60	22.51	22.43		
20	64QAM	1	0	22.59	22.51	22.66	22.53	22.42		
20	64QAM	1	49	22.46	22.44	22.58	22.55	22.33	23.9	1
20	64QAM	1	99	22.51	22.51	22.57	22.43	22.32		
20	64QAM	50	0	21.50	21.43	21.54	21.46	21.30		
20	64QAM	50	24	21.31	21.37	21.44	21.32	21.34	22.9	2
20	64QAM	50	50	21.36	21.34	21.45	21.40	21.27		
20	64QAM	100	0	21.58	21.56	21.63	21.54	21.50		
20	256QAM	1	0	18.51	18.54	18.64	18.51	18.50		
20	256QAM	1	49	18.47	18.42	18.50	18.39	18.27	19.9	5
20	256QAM	1	99	18.44	18.39	18.51	18.42	18.37		
20	256QAM	50	0	18.66	18.62	18.70	18.58	18.57		
20	256QAM	50	24	18.56	18.47	18.56	18.45	18.42	19.9	5
20	256QAM	50	50	18.47	18.56	18.62	18.56	18.35		
20	256QAM	100	0	18.49	18.52	18.59	18.49	18.35		
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	23.67	23.61	23.68	23.38	23.35	24.90	0
15	QPSK	1	37	23.50	23.48	23.50	23.39	23.43		
15	QPSK	1	74	23.46	23.47	23.51	23.43	23.30		
15	QPSK	36	0	23.42	23.48	23.53	23.45	23.42		
15	QPSK	36	20	23.50	23.46	23.57	23.44	23.37	24.9	0
15	QPSK	36	39	23.47	23.30	23.46	23.43	23.28		
15	QPSK	75	0	23.39	23.42	23.49	23.31	23.27		
15	16QAM	1	0	23.44	23.34	23.49	23.41	23.27		
15	16QAM	1	37	23.38	23.38	23.51	23.38	23.35	24.9	0
15	16QAM	1	74	23.28	23.34	23.47	23.39	23.21		
15	16QAM	36	0	22.39	22.37	22.46	22.41	22.37		
15	16QAM	36	20	22.28	22.32	22.31	22.25	22.32	23.9	1
15	16QAM	36	39	22.33	22.33	22.35	22.22	22.26		
15	16QAM	75	0	22.43	22.38	22.57	22.47	22.34		
15	64QAM	1	0	22.54	22.36	22.51	22.47	22.39		
15	64QAM	1	37	22.34	22.34	22.54	22.51	22.19	23.9	1
15	64QAM	1	74	22.38	22.46	22.43	22.37	22.19		
15	64QAM	36	0	21.45	21.35	21.42	21.34	21.22		
15	64QAM	36	20	21.22	21.31	21.36	21.22	21.27	22.9	2
15	64QAM	36	39	21.23	21.22	21.35	21.26	21.16		
15	64QAM	75	0	21.47	21.43	21.52	21.43	21.42		
15	256QAM	1	0	18.46	18.44	18.51	18.46	18.41		
15	256QAM	1	37	18.37	18.31	18.44	18.31	18.23	19.9	5
15	256QAM	1	74	18.39	18.34	18.45	18.35	18.34		
15	256QAM	36	0	18.53	18.56	18.65	18.44	18.53		
15	256QAM	36	20	18.47	18.38	18.48	18.38	18.33	19.9	5
15	256QAM	36	39	18.33	18.45	18.51	18.50	18.30		
15	256QAM	75	0	18.43	18.40	18.49	18.45	18.28		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	23.67	23.53	23.74	23.41	23.35	24.90	0
10	QPSK	1	25	23.44	23.52	23.51	23.41	23.37		
10	QPSK	1	49	23.51	23.48	23.50	23.45	23.32		
10	QPSK	25	0	23.47	23.44	23.55	23.53	23.33		
10	QPSK	25	12	23.51	23.55	23.47	23.37	23.39	24.9	0
10	QPSK	25	25	23.38	23.37	23.49	23.45	23.31		
10	QPSK	50	0	23.38	23.36	23.47	23.31	23.30		
10	16QAM	1	0	23.44	23.37	23.51	23.43	23.27		
10	16QAM	1	25	23.35	23.44	23.52	23.39	23.33	24.9	0
10	16QAM	1	49	23.30	23.35	23.37	23.30	23.17		
10	16QAM	25	0	22.44	22.47	22.47	22.40	22.37		
10	16QAM	25	12	22.33	22.28	22.36	22.35	22.23	23.9	1
10	16QAM	25	25	22.28	22.23	22.43	22.27	22.27		
10	16QAM	50	0	22.42	22.37	22.53	22.39	22.34		
10	64QAM	1	0	22.55	22.41	22.62	22.44	22.29		
10	64QAM	1	25	22.40	22.41	22.49	22.46	22.24	23.9	1
10	64QAM	1	49	22.43	22.40	22.51	22.31	22.28		
10	64QAM	25	0	21.44	21.35	21.42	21.40	21.19		
10	64QAM	25	12	21.19	21.26	21.36	21.22	21.22	22.9	2
10	64QAM	25	25	21.33	21.30	21.38	21.29	21.15		
10	64QAM	50	0	21.48	21.46	21.58	21.49	21.38		
10	256QAM	1	0	18.46	18.45	18.59	18.41	18.40		
10	256QAM	1	25	18.41	18.37	18.38	18.30	18.19	19.9	5
10	256QAM	1	49	18.34	18.32	18.47	18.27	18.24		
10	256QAM	25	0	18.57	18.58	18.65	18.55	18.43		
10	256QAM	25	12	18.49	18.34	18.51	18.37	18.29	19.9	5
10	256QAM	25	25	18.34	18.49	18.52	18.45	18.27		
10	256QAM	50	0	18.43	18.43	18.47	18.40	18.30		
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	23.58	23.56	23.73	23.42	23.34	24.90	0
5	QPSK	1	12	23.45	23.43	23.50	23.42	23.37		
5	QPSK	1	24	23.41	23.43	23.50	23.41	23.32		
5	QPSK	12	0	23.49	23.53	23.56	23.43	23.41		
5	QPSK	12	7	23.45	23.54	23.50	23.45	23.35	24.9	0
5	QPSK	12	13	23.45	23.31	23.51	23.43	23.33		
5	QPSK	25	0	23.38	23.40	23.46	23.34	23.28		
5	16QAM	1	0	23.54	23.40	23.51	23.49	23.24		
5	16QAM	1	12	23.40	23.38	23.48	23.42	23.34	24.9	0
5	16QAM	1	24	23.28	23.28	23.48	23.38	23.25		
5	16QAM	12	0	22.39	22.41	22.53	22.35	22.26		
5	16QAM	12	7	22.33	22.33	22.39	22.26	22.22	23.9	1
5	16QAM	12	13	22.27	22.23	22.36	22.24	22.25		
5	16QAM	25	0	22.38	22.45	22.45	22.40	22.37		
5	64QAM	1	0	22.53	22.44	22.59	22.50	22.35		
5	64QAM	1	12	22.38	22.38	22.44	22.51	22.24	23.9	1
5	64QAM	1	24	22.39	22.37	22.51	22.32	22.27		
5	64QAM	12	0	21.47	21.38	21.41	21.38	21.16		
5	64QAM	12	7	21.19	21.27	21.40	21.18	21.24	22.9	2
5	64QAM	12	13	21.23	21.27	21.31	21.28	21.12		
5	64QAM	25	0	21.46	21.47	21.57	21.40	21.42		
5	256QAM	1	0	18.45	18.47	18.61	18.41	18.45		
5	256QAM	1	12	18.34	18.37	18.40	18.24	18.23	19.9	5
5	256QAM	1	24	18.40	18.30	18.45	18.34	18.23		
5	256QAM	12	0	18.57	18.52	18.67	18.44	18.46		
5	256QAM	12	7	18.42	18.34	18.52	18.32	18.27	19.9	5
5	256QAM	12	13	18.40	18.45	18.48	18.46	18.30		
5	256QAM	25	0	18.44	18.49	18.45	18.40	18.31		

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	32.79	32.74	32.91	34.00	23.79	23.74	23.91	25.00
GPRS 1 Tx slot	32.71	32.69	32.85	34.00	23.71	23.69	23.85	25.00
GPRS 2 Tx slots	29.81	29.67	29.72	31.00	23.81	23.67	23.72	25.00
GPRS 3 Tx slots	27.85	27.78	27.82	29.20	23.59	23.52	23.56	24.94
GPRS 4 Tx slots	26.42	26.44	26.33	28.00	23.42	23.44	23.33	25.00
EDGE 1 Tx slot	26.67	26.59	26.73	28.30	17.67	17.59	17.73	19.30
EDGE 2 Tx slots	23.62	23.57	23.62	25.30	17.62	17.57	17.62	19.30
EDGE 3 Tx slots	21.68	21.62	21.78	23.50	17.42	17.36	17.52	19.24
EDGE 4 Tx slots	20.56	20.51	20.68	22.30	17.56	17.51	17.68	19.30

WCDMA V Ant1 Default

Band		WCDMA V			Tune-up Limit (dBm)
TX Channel		4132	4182	4233	
Rx Channel		4357	4407	4458	
Frequency (MHz)		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	24.16	24.21	24.12	25.70
3GPP Rel 99	RMC 12.2Kbps	24.23	24.27	24.19	25.70
3GPP Rel 6	HSDPA Subtest-1	23.18	23.33	23.27	24.70
3GPP Rel 6	HSDPA Subtest-2	23.28	23.26	23.17	24.70
3GPP Rel 6	HSDPA Subtest-3	22.62	22.75	22.73	24.20
3GPP Rel 6	HSDPA Subtest-4	22.70	22.89	22.68	24.20
3GPP Rel 8	DC-HSDPA Subtest-1	23.27	23.39	23.20	24.70
3GPP Rel 8	DC-HSDPA Subtest-2	23.23	23.36	23.27	24.70
3GPP Rel 8	DC-HSDPA Subtest-3	22.65	22.87	22.75	24.20
3GPP Rel 8	DC-HSDPA Subtest-4	22.80	22.87	22.64	24.20
3GPP Rel 6	HSUPA Subtest-1	23.18	23.39	23.35	24.70
3GPP Rel 6	HSUPA Subtest-2	21.18	21.38	21.29	22.70
3GPP Rel 6	HSUPA Subtest-3	22.32	22.36	22.14	23.70
3GPP Rel 6	HSUPA Subtest-4	21.11	21.34	21.23	22.70
3GPP Rel 6	HSUPA Subtest-5	23.18	23.26	23.17	24.70
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.80	20.77	20.73	22.20

Band 5 Ant1 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	23.94	24.15	24.05		
10	QPSK	1	25	23.96	24.09	23.90	25.7	0
10	QPSK	1	49	23.90	24.05	23.96		
10	QPSK	25	0	24.00	24.09	23.96		
10	QPSK	25	12	23.92	24.05	23.93	25.7	0
10	QPSK	25	25	23.93	24.08	24.03		
10	QPSK	50	0	24.03	24.09	24.05		
10	16QAM	1	0	23.89	23.94	23.85		
10	16QAM	1	25	23.79	23.89	23.78	25.7	0
10	16QAM	1	49	23.78	23.83	23.73		
10	16QAM	25	0	23.95	23.23	23.11		
10	16QAM	25	12	23.05	23.09	22.94	24.7	1
10	16QAM	25	25	23.03	23.16	23.00		
10	16QAM	50	0	22.99	23.01	22.88		
10	64QAM	1	0	22.87	23.00	22.96		
10	64QAM	1	25	22.74	22.85	22.75	24.7	1
10	64QAM	1	49	22.81	22.94	22.92		
10	64QAM	25	0	21.94	22.07	22.04		
10	64QAM	25	12	21.77	21.93	21.79	23.7	2
10	64QAM	25	25	21.87	21.95	21.81		
10	64QAM	50	0	22.05	22.12	22.02		
10	256QAM	1	0	19.03	19.14	19.12		
10	256QAM	1	25	18.95	19.06	18.98	20.7	5
10	256QAM	1	49	19.04	19.09	19.00		
10	256QAM	25	0	19.02	19.11	19.03		
10	256QAM	25	12	18.80	19.00	18.88	20.7	5
10	256QAM	25	25	18.82	18.97	18.90		
10	256QAM	50	0	18.99	19.08	19.00		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	23.91	24.11	23.93		
5	QPSK	1	12	23.85	24.01	23.85	25.7	0
5	QPSK	1	24	23.78	23.97	23.87		
5	QPSK	12	0	23.92	24.05	23.92		
5	QPSK	12	7	23.89	23.93	23.84	25.7	0
5	QPSK	12	13	23.80	23.94	24.00		
5	QPSK	25	0	24.00	23.94	23.90		
5	16QAM	1	0	23.94	23.99	23.86		
5	16QAM	1	12	23.84	23.95	23.87	25.7	0
5	16QAM	1	24	23.80	23.78	23.78		
5	16QAM	12	0	23.00	23.29	23.11		
5	16QAM	12	7	23.04	23.13	23.01	24.7	1
5	16QAM	12	13	23.06	23.16	23.00		
5	16QAM	25	0	23.02	23.01	22.84		
5	64QAM	1	0	22.89	23.05	22.94		
5	64QAM	1	12	22.72	22.88	22.78	24.7	1
5	64QAM	1	24	22.85	22.92	22.94		
5	64QAM	12	0	21.90	22.12	22.00		
5	64QAM	12	7	21.77	21.89	21.85	23.7	2
5	64QAM	12	13	21.83	21.99	21.84		
5	64QAM	25	0	22.01	22.10	22.03		
5	256QAM	1	0	19.07	19.14	19.07		
5	256QAM	1	12	19.00	19.09	18.98	20.7	5
5	256QAM	1	24	18.99	19.13	19.04		
5	256QAM	12	0	19.06	19.14	19.08		
5	256QAM	12	7	18.83	19.01	18.92	20.7	5
5	256QAM	12	13	18.88	18.95	18.95		
5	256QAM	25	0	18.90	19.02	18.90		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	23.90	24.10	23.92		
3	QPSK	1	8	23.90	24.03	23.77	25.7	0
3	QPSK	1	14	23.80	24.00	23.83		
3	QPSK	8	0	23.89	23.98	23.88		
3	QPSK	8	4	23.82	23.90	23.89	25.7	0
3	QPSK	8	7	23.79	23.93	23.98		
3	QPSK	15	0	23.94	24.01	23.90		
3	16QAM	1	0	23.79	23.80	23.75		
3	16QAM	1	8	23.78	23.80	23.74	25.7	0
3	16QAM	1	14	23.75	23.74	23.72		
3	16QAM	8	0	22.96	23.18	23.06		
3	16QAM	8	4	23.00	22.94	22.87	24.7	1
3	16QAM	8	7	23.00	23.05	22.88		
3	16QAM	15	0	22.89	22.98	22.83		
3	64QAM	1	0	22.99	23.08	22.93		
3	64QAM	1	8	22.94	22.98	23.00	24.7	1
3	64QAM	1	14	22.79	22.81	22.78		
3	64QAM	8	0	21.90	21.98	21.93		
3	64QAM	8	4	21.74	21.83	21.73	23.7	2
3	64QAM	8	7	21.80	21.86	21.79		
3	64QAM	15	0	21.93	22.08	21.92		
3	256QAM	1	0	18.95	19.08	19.04		
3	256QAM	1	8	18.83	19.00	18.94	20.7	5
3	256QAM	1	14	18.97	18.94	18.87		
3	256QAM	8	0	18.92	18.98	18.89		
3	256QAM	8	4	18.79	18.94	18.77	20.7	5
3	256QAM	8	7	18.75	18.89	18.78		
3	256QAM	15	0	18.91	18.99	18.86		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	23.81	24.07	23.94		
1.4	QPSK	1	3	23.90	24.02	23.82		
1.4	QPSK	1	5	23.85	24.00	23.85	25.7	0
1.4	QPSK	3	0	23.96	24.03	23.82		
1.4	QPSK	3	1	23.84	23.91	23.83		
1.4	QPSK	3	3	23.82	23.97	23.93		
1.4	QPSK	6	0	23.95	24.05	23.98	25.7	0
1.4	16QAM	1	0	24.05	24.05	24.08		
1.4	16QAM	1	3	23.88	23.93	23.87		
1.4	16QAM	1	5	23.83	23.91	23.82	25.7	0
1.4	16QAM	3	0	23.76	23.84	23.75		
1.4	16QAM	3	1	23.88	24.05	23.95		
1.4	16QAM	3	3	23.91	23.86	23.70		
1.4	16QAM	6	0	23.82	24.01	23.78	24.7	1
1.4	64QAM	1	0	22.95	23.01	22.84		
1.4	64QAM	1	3	22.90	22.95	22.93		
1.4	64QAM	1	5	22.74	22.90	22.77	24.7	1
1.4	64QAM	3	0	22.76	22.94	22.91		
1.4	64QAM	3	1	22.89	23.11	23.09		
1.4	64QAM	3	3	22.84	22.88	22.76		
1.4	64QAM	6	0	22.83	22.97	22.83	23.7	2
1.4	256QAM	1	0	18.99	19.01	19.00		
1.4	256QAM	1	3	18.92	18.93	18.83		
1.4	256QAM	1	5	18.91	19.01	18.96	20.7	5
1.4	256QAM	3	0	18.92	19.03	19.00		
1.4	256QAM	3	1	18.71	18.91	18.81		
1.4	256QAM	3	3	18.77	18.84	18.82		
1.4	256QAM	6	0	18.87	18.93	18.92	20.7	5

Band 12 Ant1 Default

BW [MHz]	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	24.05	24.19	24.13		
10	QPSK	1	25	24.01	24.12	23.91	25.7	0
10	QPSK	1	49	24.00	24.03	23.88		
10	QPSK	25	0	24.08	24.14	24.06		
10	QPSK	25	12	23.89	24.03	24.02	25.7	0
10	QPSK	25	25	24.08	24.10	24.10		
10	QPSK	50	0	23.99	24.05	24.02		
10	16QAM	1	0	23.98	24.15	24.03		
10	16QAM	1	25	24.02	24.02	23.93	25.7	0
10	16QAM	1	49	23.92	23.98	23.94		
10	16QAM	25	0	23.01	23.12	23.01		
10	16QAM	25	12	23.00	23.11	22.95	24.7	1
10	16QAM	25	25	23.00	23.10	23.03		
10	16QAM	50	0	22.97	23.10	23.00		
10	64QAM	1	0	23.13	23.24	23.08		
10	64QAM	1	25	23.07	23.15	23.02	24.7	1
10	64QAM	1	49	23.04	23.15	23.01		
10	64QAM	25	0	21.94	22.00	21.97		
10	64QAM	25	12	21.84	21.98	21.84	23.7	2
10	64QAM	25	25	21.87	21.92	21.88		
10	64QAM	50	0	21.95	22.04	21.96		
10	256QAM	1	0	19.11	19.14	19.10		
10	256QAM	1	25	18.98	19.11	19.04	20.7	5
10	256QAM	1	49	19.07	19.14	19.03		
10	256QAM	25	0	18.95	19.03	18.92		
10	256QAM	25	12	18.80	18.88	18.86	20.7	5
10	256QAM	25	25	18.85	18.95	18.87		
10	256QAM	50	0	18.92	18.98	18.90		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	23.96	24.04	24.10		
5	QPSK	1	12	23.97	23.96	23.77	25.7	0
5	QPSK	1	24	23.93	23.97	23.85		
5	QPSK	12	0	24.01	24.00	23.97		
5	QPSK	12	7	23.77	23.92	23.93	25.7	0
5	QPSK	12	13	23.96	24.00	24.03		
5	QPSK	25	0	23.87	23.91	23.96		
5	16QAM	1	0	23.92	24.10	23.98		
5	16QAM	1	12	23.95	23.97	23.88	25.7	0
5	16QAM	1	24	23.87	23.93	23.89		
5	16QAM	12	0	22.86	23.07	22.95		
5	16QAM	12	7	22.87	22.98	22.87	24.7	1
5	16QAM	12	13	22.93	23.05	22.95		
5	16QAM	25	0	22.89	23.01	22.89		
5	64QAM	1	0	23.04	23.21	22.99		
5	64QAM	1	12	22.93	23.07	22.96	24.7	1
5	64QAM	1	24	23.01	23.01	22.88		
5	64QAM	12	0	21.86	21.88	21.89		
5	64QAM	12	7	21.79	21.88	21.81	23.7	2
5	64QAM	12	13	21.80	21.76	21.75		
5	64QAM	25	0	21.92	21.92	21.85		
5	256QAM	1	0	18.97	19.08	18.98		
5	256QAM	1	12	18.91	19.03	18.93	20.7	5
5	256QAM	1	24	18.97	19.04	18.94		
5	256QAM	12	0	18.87	18.92	18.83		
5	256QAM	12	7	18.75	18.75	18.76	20.7	5
5	256QAM	12	13	18.75	18.81	18.83		
5	256QAM	25	0	18.82	18.86	18.87		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	24.00	24.14	24.02		
3	QPSK	1	8	23.97	23.98	23.82	25.7	0
3	QPSK	1	14	23.90	23.97	23.79		
3	QPSK	8	0	23.99	24.08	24.02		
3	QPSK	8	4	23.83	23.94	23.99	25.7	0
3	QPSK	8	7	24.00	24.07	24.07		
3	QPSK	15	0	23.84	23.93	23.90		
3	16QAM	1	0	23.94	24.01	23.98		
3	16QAM	1	8	23.98	23.93	23.87	25.7	0
3	16QAM	1	14	23.80	23.93	23.81		
3	16QAM	8	0	22.94	23.06	22.93		
3	16QAM	8	4	22.96	23.00	22.85	24.7	1
3	16QAM	8	7	22.94	22.98	22.89		
3	16QAM	15	0	22.91	23.01	22.94		
3	64QAM	1	0	22.99	23.16	23.00		
3	64QAM	1	8	23.04	23.10	22.88	24.7	1
3	64QAM	1	14	22.90	23.04	22.93		
3	64QAM	8	0	21.82	21.94	21.89		
3	64QAM	8	4	21.72	21.93	21.77	23.7	2
3	64QAM	8	7	21.79	21.75	21.76		
3	64QAM	15	0	21.89	22.00	21.84		
3	256QAM	1	0	19.03	19.00	19.00		
3	256QAM	1	8	18.88	18.96	18.97	20.7	5
3	256QAM	1	14	18.97	19.04	18.95		
3	256QAM	8	0	18.85	18.96	18.85		
3	256QAM	8	4	18.74	18.80	18.71	20.7	5
3	256QAM	8	7	18.71	18.80	18.73		
3	256QAM	15	0	18.83	18.94	18.84		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	23.99	24.13	24.01		
1.4	QPSK	1	3	23.87	24.01	23.76		
1.4	QPSK	1	5	23.87	23.90	23.81	25.7	0
1.4	QPSK	3	0	23.95	24.03	23.99		
1.4	QPSK	3	1	23.82	23.95	23.95		
1.4	QPSK	3	3	23.96	24.02	24.07		
1.4	QPSK	6	0	23.91	23.97	23.95	25.7	0
1.4	16QAM	1	0	23.86	24.00	23.91		
1.4	16QAM	1	3	23.87	23.88	23.81		
1.4	16QAM	1	5	23.82	23.90	23.80	25.7	0
1.4	16QAM	3	0	23.89	24.03	23.94		
1.4	16QAM	3	1	23.83	23.97	23.82		
1.4	16QAM	3	3	23.91	24.01	23.89		
1.4	16QAM	6	0	22.92	22.99	22.90	24.7	1
1.4	64QAM	1	0	23.00	23.12	22.94		
1.4	64QAM	1	3	22.95	23.12	22.96		
1.4	64QAM	1	5	22.94	23.01	22.91	24.7	1
1.4	64QAM	3	0	22.80	22.92	22.89		
1.4	64QAM	3	1	22.72	22.86	22.75		
1.4	64QAM	3	3	22.81	22.72	22.74		
1.4	64QAM	6	0	21.82	21.90	21.85	23.7	2
1.4	256QAM	1	0	19.07	19.08	19.00		
1.4	256QAM	1	3	18.88	18.96	18.94		
1.4	256QAM	1	5	18.97	19.09	18.97	20.7	5
1.4	256QAM	3	0	18.84	18.88	18.86		
1.4	256QAM	3	1	18.84	18.78	18.73		
1.4	256QAM	3	3	18.75	18.86	18.80		
1.4	256QAM	6	0	18.78	18.91	18.77	20.7	5

Band 13 Ant1 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		24.18			
10	QPSK	1	25		24.03		25.7	0
10	QPSK	1	49		23.95			
10	QPSK	25	0		24.08			
10	QPSK	25	12		24.00		25.7	0
10	QPSK	25	25		24.00			
10	QPSK	50	0		23.94			
10	16QAM	1	0		24.16			
10	16QAM	1	25		23.98		25.7	0
10	16QAM	1	49		24.00			
10	16QAM	25	0		23.11			
10	16QAM	25	12		23.08		24.7	1
10	16QAM	25	25		23.01			
10	16QAM	50	0		23.05			
10	64QAM	1	0		23.14			
10	64QAM	1	25		22.97		24.7	1
10	64QAM	1	49		23.03			
10	64QAM	25	0		21.91			
10	64QAM	25	12		21.89		23.7	2
10	64QAM	25	25		21.84			
10	64QAM	50	0		22.00			
10	256QAM	1	0		19.03			
10	256QAM	1	25		18.96		20.7	5
10	256QAM	1	49		18.91			
10	256QAM	25	0		19.00			
10	256QAM	25	12		18.91		20.7	5
10	256QAM	25	25		18.88			
10	256QAM	50	0		18.88			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	23.99	24.09	24.05		
5	QPSK	1	12	23.89	23.92	23.87	25.7	0
5	QPSK	1	24	23.74	23.88	23.81		
5	QPSK	12	0	23.89	23.94	23.86		
5	QPSK	12	7	23.88	23.91	23.81	25.7	0
5	QPSK	12	13	23.85	23.93	23.84		
5	QPSK	25	0	23.73	23.79	23.79		
5	16QAM	1	0	23.99	24.06	23.97		
5	16QAM	1	12	23.87	23.88	23.81	25.7	0
5	16QAM	1	24	23.89	23.87	23.78		
5	16QAM	12	0	23.01	22.97	22.97		
5	16QAM	12	7	22.99	22.94	22.90	24.7	1
5	16QAM	12	13	22.89	22.95	22.82		
5	16QAM	25	0	22.92	22.99	22.94		
5	64QAM	1	0	22.99	23.03	22.97		
5	64QAM	1	12	22.79	22.89	22.74	24.7	1
5	64QAM	1	24	22.85	22.90	22.83		
5	64QAM	12	0	21.72	21.85	21.78		
5	64QAM	12	7	21.74	21.77	21.75	23.7	2
5	64QAM	12	13	21.79	21.78	21.74		
5	64QAM	25	0	21.77	21.92	21.82		
5	256QAM	1	0	18.84	18.98	18.88		
5	256QAM	1	12	18.74	18.83	18.83	20.7	5
5	256QAM	1	24	18.77	18.77	18.82		
5	256QAM	12	0	18.80	18.93	18.89		
5	256QAM	12	7	18.73	18.83	18.71	20.7	5
5	256QAM	12	13	18.73	18.79	18.76		
5	256QAM	25	0	18.71	18.74	18.71		

Band 17 Ant1 Default

BW [MHz]	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	24.27	24.43	24.25	25.7	0
10	QPSK	1	25	24.13	24.19	24.21		
10	QPSK	1	49	24.12	24.15	24.07		
10	QPSK	25	0	24.28	24.36	24.27	25.7	0
10	QPSK	25	12	24.10	24.32	24.26		
10	QPSK	25	25	24.28	24.34	24.29		
10	QPSK	50	0	24.12	24.31	24.20		
10	16QAM	1	0	24.28	24.41	24.28	25.7	0
10	16QAM	1	25	24.27	24.37	24.20		
10	16QAM	1	49	24.18	24.33	24.20		
10	16QAM	25	0	23.38	23.38	23.38	24.7	1
10	16QAM	25	12	23.25	23.36	23.31		
10	16QAM	25	25	23.20	23.36	23.21		
10	16QAM	50	0	23.22	23.28	23.23		
10	64QAM	1	0	23.36	23.41	23.28	24.7	1
10	64QAM	1	25	23.40	23.40	23.33		
10	64QAM	1	49	23.29	23.38	23.30		
10	64QAM	25	0	22.31	22.30	22.26	23.7	2
10	64QAM	25	12	22.19	22.28	22.25		
10	64QAM	25	25	22.04	22.16	22.11		
10	64QAM	50	0	22.24	22.32	22.27		
10	256QAM	1	0	19.27	19.33	19.25	20.7	5
10	256QAM	1	25	19.23	19.32	19.23		
10	256QAM	1	49	19.24	19.28	19.23		
10	256QAM	25	0	19.22	19.28	19.14	20.7	5
10	256QAM	25	12	19.06	19.20	19.05		
10	256QAM	25	25	19.08	19.09	19.09		
10	256QAM	50	0	19.17	19.24	19.17		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	24.16	24.38	24.19	25.7	0
5	QPSK	1	12	24.02	24.11	24.08		
5	QPSK	1	24	24.02	24.06	24.00		
5	QPSK	12	0	24.19	24.32	24.21	25.7	0
5	QPSK	12	7	24.08	24.19	24.19		
5	QPSK	12	13	24.14	24.24	24.22		
5	QPSK	25	0	24.08	24.19	24.10		
5	16QAM	1	0	24.19	24.36	24.20	25.7	0
5	16QAM	1	12	24.20	24.29	24.14		
5	16QAM	1	24	24.07	24.29	24.06		
5	16QAM	12	0	23.35	23.27	23.33	24.7	1
5	16QAM	12	7	23.15	23.26	23.23		
5	16QAM	12	13	23.15	23.28	23.10		
5	16QAM	25	0	23.12	23.21	23.12		
5	64QAM	1	0	23.32	23.28	23.15	24.7	1
5	64QAM	1	12	23.33	23.27	23.27		
5	64QAM	1	24	23.14	23.26	23.26		
5	64QAM	12	0	22.22	22.17	22.16	23.7	2
5	64QAM	12	7	22.14	22.24	22.14		
5	64QAM	12	13	22.04	22.06	22.01		
5	64QAM	25	0	22.14	22.28	22.17		
5	256QAM	1	0	19.17	19.23	19.16	20.7	5
5	256QAM	1	12	19.13	19.26	19.09		
5	256QAM	1	24	19.11	19.22	19.20		
5	256QAM	12	0	19.11	19.16	19.01	20.7	5
5	256QAM	12	7	19.03	19.17	19.00		
5	256QAM	12	13	19.18	19.19	19.09		
5	256QAM	25	0	19.05	19.12	19.06		

Band 26 Ant1 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	24.01	24.18	24.06	25.7	0
15	QPSK	1	37	24.07	24.07	24.00		
15	QPSK	1	74	23.95	24.00	23.91		
15	QPSK	36	0	24.05	24.14	24.02	25.7	0
15	QPSK	36	20	23.99	23.98	23.91		
15	QPSK	36	39	23.99	24.02	23.93		
15	QPSK	75	0	23.91	23.98	23.94		
15	16QAM	1	0	24.02	24.05	24.00	25.7	0
15	16QAM	1	37	23.88	23.98	23.89		
15	16QAM	1	74	23.90	24.02	23.87		
15	16QAM	36	0	23.09	23.18	23.10	24.7	1
15	16QAM	36	20	22.96	23.15	23.01		
15	16QAM	36	39	23.02	23.12	23.05		
15	16QAM	75	0	23.07	23.13	22.96		
15	64QAM	1	0	23.08	23.27	23.14	24.7	1
15	64QAM	1	37	23.11	23.15	23.17		
15	64QAM	1	74	23.06	23.17	23.06		
15	64QAM	36	0	22.06	22.11	21.96	23.7	2
15	64QAM	36	20	21.85	21.95	21.87		
15	64QAM	36	39	21.96	22.04	22.07		
15	64QAM	75	0	22.13	22.11	21.99		
15	256QAM	1	0	19.13	19.15	19.09	20.7	5
15	256QAM	1	37	18.95	19.09	19.00		
15	256QAM	1	74	18.96	19.05	19.02		
15	256QAM	36	0	19.12	19.24	19.17	20.7	5
15	256QAM	36	20	18.95	19.06	18.96		
15	256QAM	36	39	19.13	19.14	19.10		
15	256QAM	75	0	19.05	19.18	19.08		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	23.96	24.07	23.91	25.7	0
10	QPSK	1	25	24.03	23.97	23.96		
10	QPSK	1	49	23.88	23.90	23.82		
10	QPSK	25	0	23.94	24.00	23.92	25.7	0
10	QPSK	25	12	23.94	23.84	23.86		
10	QPSK	25	25	23.87	23.90	23.80		
10	QPSK	50	0	23.88	23.95	23.83		
10	16QAM	1	0	23.87	23.99	23.92	25.7	0
10	16QAM	1	25	23.80	23.93	23.83		
10	16QAM	1	49	23.87	23.95	23.74		
10	16QAM	25	0	23.05	23.14	23.04	24.7	1
10	16QAM	25	12	22.84	23.02	22.94		
10	16QAM	25	25	22.91	23.06	23.02		
10	16QAM	50	0	22.93	23.09	22.90		
10	64QAM	1	0	22.97	23.18	23.06	24.7	1
10	64QAM	1	25	22.99	23.10	23.06		
10	64QAM	1	49	22.99	23.10	22.93		
10	64QAM	25	0	21.96	22.07	21.88	23.7	2
10	64QAM	25	12	21.79	21.92	21.76		
10	64QAM	25	25	21.86	21.94	21.93		
10	64QAM	50	0	22.03	21.98	21.88		
10	256QAM	1	0	18.98	19.09	19.01	20.7	5
10	256QAM	1	25	18.83	18.94	18.86		
10	256QAM	1	49	18.92	18.92	18.87		
10	256QAM	25	0	19.05	19.17	19.09	20.7	5
10	256QAM	25	12	18.86	18.96	18.86		
10	256QAM	25	25	19.09	19.10	19.02		
10	256QAM	50	0	18.99	19.04	18.93		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	23.87	24.09	23.98	25.7	0
5	QPSK	1	12	23.93	23.99	23.85		
5	QPSK	1	24	23.81	23.97	23.83		
5	QPSK	12	0	23.93	24.05	23.90	25.7	0
5	QPSK	12	7	23.87	23.91	23.83		
5	QPSK	12	13	23.92	23.93	23.90		
5	QPSK	25	0	23.81	23.86	23.87		
5	16QAM	1	0	23.90	23.92	23.90	25.7	0
5	16QAM	1	12	23.84	23.92	23.85		
5	16QAM	1	24	23.82	23.90	23.76		
5	16QAM	12	0	23.02	23.14	23.02	24.7	1
5	16QAM	12	7	22.90	23.09	22.96		
5	16QAM	12	13	22.88	23.03	22.99		
5	16QAM	25	0	22.96	23.06	22.88		
5	64QAM	1	0	23.04	23.22	23.06	24.7	1
5	64QAM	1	12	22.99	23.08	23.10		
5	64QAM	1	24	23.03	23.03	22.96		
5	64QAM	12	0	21.99	22.01	21.87	23.7	2
5	64QAM	12	7	21.76	21.88	21.80		
5	64QAM	12	13	21.90	22.01	22.03		
5	64QAM	25	0	22.10	22.08	21.91		
5	256QAM	1	0	19.06	19.02	19.05	20.7	5
5	256QAM	1	12	18.81	18.97	18.90		
5	256QAM	1	24	18.89	18.93	18.89		
5	256QAM	12	0	19.05	19.15	19.08	20.7	5
5	256QAM	12	7	18.89	19.03	18.83		
5	256QAM	12	13	19.07	19.06	19.01		
5	256QAM	25	0	18.97	19.05	18.94		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	23.86	24.08	24.01	25.7	0
3	QPSK	1	8	24.03	23.97	23.95		
3	QPSK	1	14	23.84	23.89	23.80		
3	QPSK	8	0	23.94	24.02	23.90	25.7	0
3	QPSK	8	4	23.84	23.87	23.79		
3	QPSK	8	7	23.92	23.94	23.82		
3	QPSK	15	0	23.79	23.90	23.85		
3	16QAM	1	0	23.94	24.01	23.87	25.7	0
3	16QAM	1	8	23.80	23.88	23.86		
3	16QAM	1	14	23.83	23.91	23.79		
3	16QAM	8	0	22.96	23.13	23.02	24.7	1
3	16QAM	8	4	22.81	23.01	22.88		
3	16QAM	8	7	22.91	23.03	22.91		
3	16QAM	15	0	22.92	23.08	22.84		
3	64QAM	1	0	22.95	23.16	23.06	24.7	1
3	64QAM	1	8	23.04	23.03	23.10		
3	64QAM	1	14	23.00	23.09	22.98		
3	64QAM	8	0	21.97	21.97	21.93	23.7	2
3	64QAM	8	4	21.74	21.85	21.73		
3	64QAM	8	7	21.82	21.96	21.98		
3	64QAM	15	0	22.08	22.02	21.85		
3	256QAM	1	0	19.08	19.07	18.94	20.7	5
3	256QAM	1	8	18.91	18.94	18.86		
3	256QAM	1	14	18.87	19.00	18.98		
3	256QAM	8	0	19.05	19.20	19.09	20.7	5
3	256QAM	8	4	18.85	19.02	18.84		
3	256QAM	8	7	19.09	19.07	19.03		
3	256QAM	15	0	19.01	19.13	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	23.87	24.13	24.01	25.7	0
1.4	QPSK	1	3	24.03	23.96	23.97		
1.4	QPSK	1	5	23.88	23.97	23.78		
1.4	QPSK	3	0	23.90	24.02	23.94		
1.4	QPSK	3	1	23.84	23.87	23.87		
1.4	QPSK	3	3	23.90	23.90	23.84		
1.4	QPSK	6	0	23.88	23.94	23.83	25.7	0
1.4	16QAM	1	0	23.98	23.93	23.93	25.7	0
1.4	16QAM	1	3	23.74	23.84	23.80		
1.4	16QAM	1	5	23.80	23.88	23.77		
1.4	16QAM	3	0	23.98	24.11	23.97		
1.4	16QAM	3	1	23.88	24.02	23.93		
1.4	16QAM	3	3	23.98	24.02	23.92		
1.4	16QAM	6	0	22.93	23.10	22.90	24.7	1
1.4	64QAM	1	0	23.02	23.23	23.06	24.7	1
1.4	64QAM	1	3	22.96	23.03	23.03		
1.4	64QAM	1	5	23.00	23.09	22.96		
1.4	64QAM	3	0	22.96	22.97	22.87		
1.4	64QAM	3	1	22.81	22.89	22.81		
1.4	64QAM	3	3	22.89	22.97	22.97		
1.4	64QAM	6	0	22.07	21.97	21.90	23.7	2
1.4	256QAM	1	0	19.04	19.09	19.04	20.7	5
1.4	256QAM	1	3	18.82	18.99	18.90		
1.4	256QAM	1	5	18.90	18.99	18.94		
1.4	256QAM	3	0	19.00	19.19	19.04		
1.4	256QAM	3	1	18.80	18.95	18.82		
1.4	256QAM	3	3	19.08	19.00	18.96		
1.4	256QAM	6	0	18.98	19.06	19.02	20.7	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				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	22.42	22.60	22.47	24	0
20	QPSK	1	49	22.47	22.51	22.40		
20	QPSK	1	99	22.50	22.53	22.49		
20	QPSK	50	0	22.44	22.52	22.45	24	0
20	QPSK	50	24	22.45	22.48	22.43		
20	QPSK	50	50	22.42	22.50	22.45		
20	QPSK	100	0	22.37	22.47	22.40		
20	16QAM	1	0	22.38	22.41	22.31	24	0
20	16QAM	1	49	22.21	22.32	22.24		
20	16QAM	1	99	22.22	22.30	22.26		
20	16QAM	50	0	21.42	21.51	21.48	23	1
20	16QAM	50	24	21.34	21.44	21.39		
20	16QAM	50	50	21.35	21.42	21.39		
20	16QAM	100	0	21.37	21.48	21.38		
20	64QAM	1	0	21.37	21.45	21.37	23	1
20	64QAM	1	49	21.34	21.37	21.34		
20	64QAM	1	99	21.35	21.41	21.34		
20	64QAM	50	0	20.36	20.46	20.36	22	2
20	64QAM	50	24	20.31	20.38	20.34		
20	64QAM	50	50	20.35	20.40	20.31		
20	64QAM	100	0	20.46	20.51	20.41		
20	256QAM	1	0	17.48	17.59	17.50	19	5
20	256QAM	1	49	17.44	17.54	17.48		
20	256QAM	1	99	17.39	17.49	17.45		
20	256QAM	50	0	17.48	17.55	17.50	19	5
20	256QAM	50	24	17.46	17.51	17.44		
20	256QAM	50	50	17.40	17.47	17.43		
20	256QAM	100	0	17.48	17.58	17.52		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	22.31	22.40	22.40	24	0
15	QPSK	1	37	22.40	22.37	22.32		
15	QPSK	1	74	22.35	22.44	22.34		
15	QPSK	36	0	22.34	22.42	22.32	24	0
15	QPSK	36	20	22.39	22.44	22.40		
15	QPSK	36	39	22.36	22.35	22.37		
15	QPSK	75	0	22.30	22.40	22.35		
15	16QAM	1	0	22.25	22.34	22.20	24	0
15	16QAM	1	37	22.12	22.25	22.12		
15	16QAM	1	74	22.15	22.18	22.17		
15	16QAM	36	0	21.30	21.45	21.39	23	1
15	16QAM	36	20	21.24	21.36	21.33		
15	16QAM	36	39	21.28	21.38	21.25		
15	16QAM	75	0	21.24	21.38	21.25		
15	64QAM	1	0	21.22	21.41	21.26	23	1
15	64QAM	1	37	21.21	21.25	21.28		
15	64QAM	1	74	21.30	21.33	21.30		
15	64QAM	36	0	20.31	20.35	20.21	22	2
15	64QAM	36	20	20.21	20.24	20.23		
15	64QAM	36	39	20.25	20.33	20.28		
15	64QAM	75	0	20.31	20.37	20.36		
15	256QAM	1	0	17.30	17.46	17.43	19	5
15	256QAM	1	37	17.32	17.40	17.36		
15	256QAM	1	74	17.26	17.36	17.39		
15	256QAM	36	0	17.44	17.46	17.38	19	5
15	256QAM	36	20	17.32	17.36	17.31		
15	256QAM	36	39	17.29	17.33	17.31		
15	256QAM	75	0	17.42	17.45	17.39		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	22.39	22.56	22.34	24	0
10	QPSK	1	25	22.42	22.42	22.28		
10	QPSK	1	49	22.41	22.44	22.39		
10	QPSK	25	0	22.35	22.47	22.32	24	0
10	QPSK	25	12	22.39	22.38	22.32		
10	QPSK	25	25	22.30	22.44	22.36		
10	QPSK	50	0	22.32	22.35	22.32		
10	16QAM	1	0	22.27	22.35	22.20	24	0
10	16QAM	1	25	22.12	22.27	22.15		
10	16QAM	1	49	22.09	22.20	22.21		
10	16QAM	25	0	21.34	21.41	21.39	23	1
10	16QAM	25	12	21.20	21.32	21.34		
10	16QAM	25	25	21.22	21.29	21.32		
10	16QAM	50	0	21.30	21.36	21.35		
10	64QAM	1	0	21.31	21.41	21.23	23	1
10	64QAM	1	25	21.25	21.30	21.23		
10	64QAM	1	49	21.23	21.37	21.29		
10	64QAM	25	0	20.31	20.31	20.23	22	2
10	64QAM	25	12	20.17	20.28	20.24		
10	64QAM	25	25	20.24	20.34	20.22		
10	64QAM	50	0	20.39	20.39	20.29		
10	256QAM	1	0	17.36	17.46	17.35	19	5
10	256QAM	1	25	17.37	17.45	17.41		
10	256QAM	1	49	17.31	17.41	17.31		
10	256QAM	25	0	17.40	17.49	17.39	19	5
10	256QAM	25	12	17.36	17.44	17.40		
10	256QAM	25	25	17.35	17.34	17.37		
10	256QAM	50	0	17.37	17.52	17.40		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	22.30	22.48	22.37	24	0
5	QPSK	1	12	22.41	22.37	22.33		
5	QPSK	1	24	22.46	22.48	22.38		
5	QPSK	12	0	22.34	22.46	22.36	24	0
5	QPSK	12	7	22.37	22.42	22.32		
5	QPSK	12	13	22.35	22.40	22.37		
5	QPSK	25	0	22.31	22.37	22.30		
5	16QAM	1	0	22.32	22.31	22.28	24	0
5	16QAM	1	12	22.17	22.27	22.16		
5	16QAM	1	24	22.09	22.17	22.16		
5	16QAM	12	0	21.28	21.46	21.42	23	1
5	16QAM	12	7	21.29	21.33	21.30		
5	16QAM	12	13	21.31	21.30	21.27		
5	16QAM	25	0	21.30	21.33	21.29		
5	64QAM	1	0	21.26	21.35	21.25	23	1
5	64QAM	1	12	21.31	21.27	21.24		
5	64QAM	1	24	21.30	21.28	21.29		
5	64QAM	12	0	20.30	20.38	20.27	22	2
5	64QAM	12	7	20.26	20.27	20.29		
5	64QAM	12	13	20.24	20.32	20.28		
5	64QAM	25	0	20.32	20.48	20.33		
5	256QAM	1	0	17.44	17.56	17.35	19	5
5	256QAM	1	12	17.34	17.47	17.42		
5	256QAM	1	24	17.35	17.37	17.31		
5	256QAM	12	0	17.41	17.49	17.45	19	5
5	256QAM	12	7	17.37	17.47	17.34		
5	256QAM	12	13	17.26	17.36	17.29		
5	256QAM	25	0	17.40	17.53	17.47		

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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	21.22	21.38	21.20	21.16	22.5	0
20	QPSK	1	49	21.23	21.27	21.23	21.17		
20	QPSK	1	99	21.16	21.26	21.20	21.19		
20	QPSK	50	0	21.30	21.35	21.25	21.30	22.5	0
20	QPSK	50	24	21.20	21.29	21.22	21.24		
20	QPSK	50	50	21.12	21.20	21.15	21.11		
20	QPSK	100	0	21.29	21.34	21.29	21.26		
20	16QAM	1	0	21.25	21.29	21.24	21.23	22.5	0
20	16QAM	1	49	21.14	21.20	21.17	21.15		
20	16QAM	1	99	21.21	21.25	21.12	21.15		
20	16QAM	50	0	20.28	20.39	20.30	20.30	21.5	1
20	16QAM	50	24	20.29	20.33	20.29	20.22		
20	16QAM	50	50	20.26	20.34	20.22	20.21		
20	16QAM	100	0	20.34	20.40	20.30	20.30		
20	64QAM	1	0	20.28	20.35	20.28	20.31	21.5	1
20	64QAM	1	49	20.16	20.27	20.24	20.23		
20	64QAM	1	99	20.23	20.27	20.19	20.18		
20	64QAM	50	0	19.31	19.38	19.34	19.29	20.5	2
20	64QAM	50	24	19.18	19.27	19.27	19.23		
20	64QAM	50	50	19.20	19.30	19.25	19.21		
20	64QAM	100	0	19.32	19.40	19.37	19.35		
20	256QAM	1	0	16.25	16.34	16.28	16.24	17.5	5
20	256QAM	1	49	16.26	16.30	16.21	16.26		
20	256QAM	1	99	16.17	16.25	16.21	16.21		
20	256QAM	50	0	16.31	16.37	16.31	16.33	17.5	5
20	256QAM	50	24	16.28	16.33	16.19	16.28		
20	256QAM	50	50	16.25	16.34	16.17	16.23		
20	256QAM	100	0	16.33	16.42	16.35	16.32		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	21.17	21.31	21.12	21.06	22.5	0
15	QPSK	1	37	21.14	21.23	21.18	21.06		
15	QPSK	1	74	21.06	21.13	21.13	21.07		
15	QPSK	36	0	21.23	21.21	21.11	21.23	22.5	0
15	QPSK	36	20	21.06	21.17	21.16	21.12		
15	QPSK	36	39	21.09	21.15	21.09	21.02		
15	QPSK	75	0	21.26	21.26	21.26	21.14		
15	16QAM	1	0	21.13	21.19	21.20	21.10	22.5	0
15	16QAM	1	37	21.08	21.08	21.10	21.03		
15	16QAM	1	74	21.06	21.17	21.08	21.02		
15	16QAM	36	0	20.17	20.36	20.23	20.25	21.5	1
15	16QAM	36	20	20.24	20.18	20.21	20.15		
15	16QAM	36	39	20.22	20.21	20.08	20.12		
15	16QAM	75	0	20.22	20.27	20.21	20.25		
15	64QAM	1	0	20.17	20.28	20.19	20.28	21.5	1
15	64QAM	1	37	20.02	20.13	20.15	20.09		
15	64QAM	1	74	20.10	20.16	20.09	20.10		
15	64QAM	36	0	19.25	19.25	19.20	19.15	20.5	2
15	64QAM	36	20	19.04	19.19	19.23	19.16		
15	64QAM	36	39	19.17	19.15	19.16	19.18		
15	64QAM	75	0	19.28	19.36	19.24	19.29		
15	256QAM	1	0	16.11	16.20	16.19	16.19	17.5	5
15	256QAM	1	37	16.20	16.25	16.15	16.21		
15	256QAM	1	74	16.06	16.19	16.18	16.06		
15	256QAM	36	0	16.20	16.24	16.20	16.28	17.5	5
15	256QAM	36	20	16.23	16.23	16.12	16.23		
15	256QAM	36	39	16.21	16.22	16.04	16.16		
15	256QAM	75	0	16.26	16.33	16.30	16.25		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	21.14	21.34	21.14	21.08	22.5	0
10	QPSK	1	25	21.18	21.24	21.17	21.12		
10	QPSK	1	49	21.12	21.15	21.09	21.08		
10	QPSK	25	0	21.23	21.21	21.21	21.25	22.5	0
10	QPSK	25	12	21.17	21.18	21.16	21.11		
10	QPSK	25	25	21.05	21.17	21.01	21.02		
10	QPSK	50	0	21.22	21.21	21.19	21.13		
10	16QAM	1	0	21.13	21.16	21.19	21.15	22.5	0
10	16QAM	1	25	21.06	21.09	21.11	21.03		
10	16QAM	1	49	21.06	21.21	20.98	21.04		
10	16QAM	25	0	20.19	20.34	20.27	20.21	21.5	1
10	16QAM	25	12	20.24	20.26	20.19	20.12		
10	16QAM	25	25	20.19	20.22	20.11	20.09		
10	16QAM	50	0	20.19	20.31	20.23	20.24		
10	64QAM	1	0	20.18	20.30	20.17	20.19	21.5	1
10	64QAM	1	25	20.02	20.22	20.18	20.19		
10	64QAM	1	49	20.11	20.12	20.14	20.14		
10	64QAM	25	0	19.21	19.27	19.30	19.17	20.5	2
10	64QAM	25	12	19.14	19.22	19.15	19.09		
10	64QAM	25	25	19.11	19.24	19.19	19.17		
10	64QAM	50	0	19.29	19.26	19.26	19.31		
10	256QAM	1	0	16.14	16.26	16.17	16.19	17.5	5
10	256QAM	1	25	16.21	16.17	16.07	16.22		
10	256QAM	1	49	16.03	16.15	16.06	16.10		
10	256QAM	25	0	16.22	16.32	16.19	16.21	17.5	5
10	256QAM	25	12	16.17	16.22	16.14	16.17		
10	256QAM	25	25	16.17	16.28	16.13	16.11		
10	256QAM	50	0	16.25	16.31	16.27	16.28		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	21.11	21.28	21.12	21.03	22.5	0
5	QPSK	1	12	21.08	21.12	21.16	21.10		
5	QPSK	1	24	21.11	21.23	21.13	21.07		
5	QPSK	12	0	21.21	21.26	21.12	21.25	22.5	0
5	QPSK	12	7	21.17	21.18	21.14	21.17		
5	QPSK	12	13	20.98	21.15	21.08	21.08		
5	QPSK	25	0	21.17	21.25	21.25	21.13		
5	16QAM	1	0	21.17	21.14	21.18	21.13	22.5	0
5	16QAM	1	12	21.04	21.17	21.05	21.06		
5	16QAM	1	24	21.16	21.13	21.05	21.07		
5	16QAM	12	0	20.14	20.25	20.17	20.25	21.5	1
5	16QAM	12	7	20.21	20.29	20.15	20.15		
5	16QAM	12	13	20.19	20.30	20.09	20.12		
5	16QAM	25	0	20.28	20.32	20.24	20.26		
5	64QAM	1	0	20.17	20.23	20.23	20.25	21.5	1
5	64QAM	1	12	20.11	20.24	20.14	20.09		
5	64QAM	1	24	20.11	20.23	20.05	20.14		
5	64QAM	12	0	19.19	19.34	19.29	19.19	20.5	2
5	64QAM	12	7	19.07	19.17	19.24	19.09		
5	64QAM	12	13	19.17	19.16	19.11	19.06		
5	64QAM	25	0	19.28	19.32	19.23	19.32		
5	256QAM	1	0	16.17	16.27	16.23	16.13	17.5	5
5	256QAM	1	12	16.21	16.25	16.08	16.13		
5	256QAM	1	24	16.09	16.15	16.09	16.17		
5	256QAM	12	0	16.23	16.26	16.20	16.21	17.5	5
5	256QAM	12	7	16.18	16.30	16.16	16.18		
5	256QAM	12	13	16.21	16.23	16.12	16.13		
5	256QAM	25	0	16.22	16.33	16.27	16.20		

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	29.65	29.58	29.74	30.40	20.65	20.58	20.74	21.40
GPRS 1 Tx slot	29.59	29.51	29.66	30.40	20.59	20.51	20.66	21.40
GPRS 2 Tx slots	26.53	26.47	26.61	27.40	20.53	20.47	20.61	21.40
GPRS 3 Tx slots	24.65	24.48	24.65	25.60	20.39	20.22	20.39	21.34
GPRS 4 Tx slots	23.42	23.46	23.42	24.40	20.42	20.46	20.42	21.40
EDGE 1 Tx slot	25.25	25.09	25.26	26.40	16.25	16.09	16.26	17.40
EDGE 2 Tx slots	22.61	22.44	22.53	23.40	16.61	16.44	16.53	17.40
EDGE 3 Tx slots	20.51	20.47	20.65	21.60	16.25	16.21	16.39	17.34
EDGE 4 Tx slots	19.34	19.22	19.45	20.40	16.34	16.22	16.45	17.40

WCDMA II Ant3 Default

WCDMA IV Ant3 Default

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	24.23	24.27	24.05	25.10	24.09	24.16	24.01	24.90
3GPP Rel 99	RMC 12.2Kbps	24.29	24.34	24.17	25.10	24.17	24.21	24.06	24.90
3GPP Rel 6	HSDPA Subtest-1	23.14	23.29	23.31	24.10	23.07	23.23	23.19	23.90
3GPP Rel 6	HSDPA Subtest-2	23.28	23.23	23.12	24.10	23.21	23.17	23.09	23.90
3GPP Rel 6	HSDPA Subtest-3	22.65	22.71	22.77	23.60	22.46	22.65	22.64	23.40
3GPP Rel 6	HSDPA Subtest-4	22.66	22.96	22.70	23.60	22.71	22.81	22.62	23.40
3GPP Rel 8	DC-HSDPA Subtest-1	23.33	23.34	23.19	24.10	23.20	23.25	23.05	23.90
3GPP Rel 8	DC-HSDPA Subtest-2	23.23	23.38	23.29	24.10	23.08	23.25	23.10	23.90
3GPP Rel 8	DC-HSDPA Subtest-3	22.70	22.88	22.74	23.60	22.51	22.76	22.63	23.40
3GPP Rel 8	DC-HSDPA Subtest-4	22.78	22.92	22.80	23.60	22.75	22.71	22.54	23.40
3GPP Rel 6	HSUPA Subtest-1	23.24	23.38	23.37	24.10	23.08	23.24	23.26	23.90
3GPP Rel 6	HSUPA Subtest-2	21.20	21.36	21.25	22.10	21.07	21.32	21.20	21.90
3GPP Rel 6	HSUPA Subtest-3	22.34	22.39	22.14	23.10	22.19	22.26	22.03	22.90
3GPP Rel 6	HSUPA Subtest-4	21.08	21.32	21.24	22.10	21.02	21.25	21.15	21.90
3GPP Rel 6	HSUPA Subtest-5	23.21	23.23	23.12	24.10	23.12	23.20	23.04	23.90
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.85	20.74	20.69	21.60	20.64	20.61	20.61	21.40

Band 2 Ant3 Default

BW [MHz]	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	24.97	25.08	25.05	25.6	0
20	QPSK	1	49	24.82	24.90	24.86		
20	QPSK	1	99	24.86	24.95	24.83		
20	QPSK	50	0	24.97	25.05	24.90		
20	QPSK	50	24	24.91	25.02	24.95	25.6	0
20	QPSK	50	50	24.89	24.93	24.83		
20	QPSK	100	0	24.92	24.98	24.88		
20	16QAM	1	0	24.87	25.01	24.92		
20	16QAM	1	49	24.81	24.93	24.81	25.6	0
20	16QAM	1	99	24.89	24.96	24.84		
20	16QAM	50	0	23.85	23.93	23.95		
20	16QAM	50	24	23.84	23.93	23.79	24.6	1
20	16QAM	50	50	23.80	23.86	23.81		
20	16QAM	100	0	24.02	24.05	23.99		
20	64QAM	1	0	23.98	24.11	24.00		
20	64QAM	1	49	24.03	24.08	24.01	24.6	1
20	64QAM	1	99	23.94	24.01	23.86		
20	64QAM	50	0	22.82	22.94	22.80		
20	64QAM	50	24	22.71	22.83	22.78	23.6	2
20	64QAM	50	50	22.67	22.82	22.69		
20	64QAM	100	0	22.97	23.01	22.95		
20	256QAM	1	0	19.95	20.08	19.99		
20	256QAM	1	49	19.84	19.94	19.91	20.6	5
20	256QAM	1	99	19.93	19.99	19.92		
20	256QAM	50	0	19.97	20.04	19.92		
20	256QAM	50	24	19.83	19.90	19.86	20.6	5
20	256QAM	50	50	19.83	19.91	19.81		
20	256QAM	100	0	19.84	19.99	19.88		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	24.85	24.97	24.96		
15	QPSK	1	37	24.75	24.85	24.81	25.6	0
15	QPSK	1	74	24.80	24.89	24.77		
15	QPSK	36	0	24.92	24.94	24.80		
15	QPSK	36	20	24.83	24.88	24.80	25.6	0
15	QPSK	36	39	24.83	24.81	24.78		
15	QPSK	75	0	24.82	24.92	24.81		
15	16QAM	1	0	24.82	24.91	24.79		
15	16QAM	1	37	24.75	24.86	24.74	25.6	0
15	16QAM	1	74	24.82	24.86	24.73		
15	16QAM	36	0	23.78	23.92	23.87		
15	16QAM	36	20	23.74	23.85	23.68	24.6	1
15	16QAM	36	39	23.71	23.73	23.76		
15	16QAM	75	0	23.93	23.93	23.89		
15	64QAM	1	0	23.86	24.03	23.87		
15	64QAM	1	37	23.93	23.97	23.88	24.6	1
15	64QAM	1	74	23.83	23.89	23.71		
15	64QAM	36	0	22.71	22.84	22.75		
15	64QAM	36	20	22.63	22.73	22.67	23.6	2
15	64QAM	36	39	22.55	22.74	22.62		
15	64QAM	75	0	22.91	22.97	22.81		
15	256QAM	1	0	19.87	19.96	19.86		
15	256QAM	1	37	19.75	19.90	19.79	20.6	5
15	256QAM	1	74	19.80	19.94	19.78		
15	256QAM	36	0	19.91	19.92	19.83		
15	256QAM	36	20	19.74	19.80	19.81	20.6	5
15	256QAM	36	39	19.68	19.81	19.67		
15	256QAM	75	0	19.77	19.89	19.83		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	24.85	24.98	24.96		
10	QPSK	1	25	24.79	24.78	24.81	25.6	0
10	QPSK	1	49	24.78	24.81	24.77		
10	QPSK	25	0	24.89	24.96	24.80		
10	QPSK	25	12	24.86	24.94	24.82	25.6	0
10	QPSK	25	25	24.82	24.88	24.80		
10	QPSK	50	0	24.80	24.84	24.77		
10	16QAM	1	0	24.81	24.89	24.80		
10	16QAM	1	25	24.69	24.80	24.78	25.6	0
10	16QAM	1	49	24.80	24.83	24.76		
10	16QAM	25	0	23.73	23.92	23.90		
10	16QAM	25	12	23.80	23.81	23.73	24.6	1
10	16QAM	25	25	23.77	23.74	23.67		
10	16QAM	50	0	23.97	24.01	23.93		
10	64QAM	1	0	23.94	24.02	23.89		
10	64QAM	1	25	23.94	23.96	23.96	24.6	1
10	64QAM	1	49	23.82	23.87	23.79		
10	64QAM	25	0	22.73	22.84	22.75		
10	64QAM	25	12	22.57	22.71	22.72	23.6	2
10	64QAM	25	25	22.54	22.77	22.58		
10	64QAM	50	0	22.88	22.94	22.89		
10	256QAM	1	0	19.85	20.03	19.91		
10	256QAM	1	25	19.75	19.84	19.80	20.6	5
10	256QAM	1	49	19.84	19.94	19.78		
10	256QAM	25	0	19.84	19.95	19.78		
10	256QAM	25	12	19.72	19.82	19.80	20.6	5
10	256QAM	25	25	19.71	19.77	19.77		
10	256QAM	50	0	19.76	19.89	19.74		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	24.85	24.98	24.93		
5	QPSK	1	12	24.78	24.77	24.82	25.6	0
5	QPSK	1	24	24.74	24.92	24.80		
5	QPSK	12	0	24.84	24.98	24.83		
5	QPSK	12	7	24.83	24.90	24.90	25.6	0
5	QPSK	12	13	24.83	24.86	24.71		
5	QPSK	25	0	24.86	24.85	24.74		
5	16QAM	1	0	24.77	24.88	24.79		
5	16QAM	1	12	24.74	24.84	24.76	25.6	0
5	16QAM	1	24	24.85	24.88	24.71		
5	16QAM	12	0	23.80	23.86	23.81		
5	16QAM	12	7	23.75	23.89	23.69	24.6	1
5	16QAM	12	13	23.70	23.81	23.75		
5	16QAM	25	0	23.91	23.92	23.93		
5	64QAM	1	0	23.92	24.05	23.92		
5	64QAM	1	12	23.89	24.02	23.86	24.6	1
5	64QAM	1	24	23.80	23.94	23.77		
5	64QAM	12	0	22.78	22.84	22.74		
5	64QAM	12	7	22.62	22.69	22.63	23.6	2
5	64QAM	12	13	22.58	22.69	22.59		
5	64QAM	25	0	22.93	22.92	22.87		
5	256QAM	1	0	19.86	20.04	19.87		
5	256QAM	1	12	19.79	19.81	19.78	20.6	5
5	256QAM	1	24	19.79	19.90	19.79		
5	256QAM	12	0	19.90	19.99	19.89		
5	256QAM	12	7	19.77	19.85	19.72	20.6	5
5	256QAM	12	13	19.73	19.80	19.71		
5	256QAM	25	0	19.75	19.96	19.81		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	24.93	24.99	24.94		
3	QPSK	1	8	24.74	24.82	24.78	25.6	0
3	QPSK	1	14	24.72	24.82	24.69		
3	QPSK	8	0	24.89	24.91	24.78		
3	QPSK	8	4	24.78	24.88	24.84	25.6	0
3	QPSK	8	7	24.84	24.79	24.78		
3	QPSK	15	0	24.84	24.89	24.77		
3	16QAM	1	0	24.82	24.89	24.81		
3	16QAM	1	8	24.66	24.89	24.69	25.6	0
3	16QAM	1	14	24.75	24.86	24.73		
3	16QAM	8	0	23.82	23.94	23.80		
3	16QAM	8	4	23.72	23.84	23.76	24.6	1
3	16QAM	8	7	23.76	23.76	23.67		
3	16QAM	15	0	23.93	23.95	23.92		
3	64QAM	1	0	23.85	24.01	23.88		
3	64QAM	1	8	23.96	23.95	23.89	24.6	1
3	64QAM	1	14	23.90	23.97	23.73		
3	64QAM	8	0	22.75	22.80	22.76		
3	64QAM	8	4	22.60	22.70	22.64	23.6	2
3	64QAM	8	7	22.55	22.75	22.59		
3	64QAM	15	0	22.87	22.96	22.85		
3	256QAM	1	0	19.85	19.97	19.89		
3	256QAM	1	8	19.73	19.88	19.84	20.6	5
3	256QAM	1	14	19.85	19.90	19.88		
3	256QAM	8	0	19.90	19.94	19.87		
3	256QAM	8	4	19.71	19.85	19.72	20.6	5
3	256QAM	8	7	19.71	19.84	19.71		
3	256QAM	15	0	19.78	19.86	19.80		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	24.84	24.97	24.96		
1.4	QPSK	1	3	24.71	24.76	24.82		
1.4	QPSK	1	5	24.80	24.89	24.71	25.6	0
1.4	QPSK	3	0	24.93	24.95	24.86		
1.4	QPSK	3	1	24.80	24.96	24.87		
1.4	QPSK	3	3	24.74	24.84	24.71		
1.4	QPSK	6	0	24.77	24.92	24.79	25.6	0
1.4	16QAM	1	0	24.82	24.96	24.89		
1.4	16QAM	1	3	24.68	24.81	24.73		
1.4	16QAM	1	5	24.76	24.81	24.80	25.6	0
1.4	16QAM	3	0	24.78	24.91	24.91		
1.4	16QAM	3	1	24.71	24.88	24.66		
1.4	16QAM	3	3	24.73	24.77	24.70		
1.4	16QAM	6	0	23.91	24.02	23.87	24.6	1
1.4	64QAM	1	0	23.83	24.07	23.90		
1.4	64QAM	1	3	23.98	24.01	23.87		
1.4	64QAM	1	5	23.83	23.87	23.83	24.6	1
1.4	64QAM	3	0	23.70	23.88	23.67		
1.4	64QAM	3	1	23.63	23.76	23.69		
1.4	64QAM	3	3	23.62	23.74	23.57		
1.4	64QAM	6	0	22.89	22.90	22.88	23.6	2
1.4	256QAM	1	0	19.88	20.03	19.91		
1.4	256QAM	1	3	19.78	19.85	19.87		
1.4	256QAM	1	5	19.90	19.95	19.84	20.6	5
1.4	256QAM	3	0	19.84	19.94	19.87		
1.4	256QAM	3	1	19.74	19.86	19.79		
1.4	256QAM	3	3	19.78	19.83	19.69		
1.4	256QAM	6	0	19.79	19.94	19.82	20.6	5

Band 4 Ant3 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	24.84	25.01	24.95		
20	QPSK	1	49	24.73	24.86	24.82	25.5	0
20	QPSK	1	99	24.78	24.92	24.86		
20	QPSK	50	0	24.92	24.96	24.86		
20	QPSK	50	24	24.77	24.92	24.88	25.5	0
20	QPSK	50	50	24.82	24.87	24.76		
20	QPSK	100	0	24.92	24.99	24.90		
20	16QAM	1	0	24.93	25.00	24.88		
20	16QAM	1	49	24.76	24.87	24.84	25.5	0
20	16QAM	1	99	24.76	24.91	24.78		
20	16QAM	50	0	23.83	23.99	23.83		
20	16QAM	50	24	23.70	23.84	23.74	24.5	1
20	16QAM	50	50	23.74	23.81	23.70		
20	16QAM	100	0	23.92	23.98	23.95		
20	64QAM	1	0	23.92	24.04	23.95		
20	64QAM	1	49	23.84	23.96	23.81	24.5	1
20	64QAM	1	99	23.91	24.00	23.92		
20	64QAM	50	0	22.70	22.84	22.74		
20	64QAM	50	24	22.69	22.79	22.66	23.5	2
20	64QAM	50	50	22.76	22.79	22.75		
20	64QAM	100	0	22.86	22.95	22.90		
20	256QAM	1	0	19.79	19.90	19.77		
20	256QAM	1	49	19.65	19.78	19.69	20.5	5
20	256QAM	1	99	19.76	19.83	19.79		
20	256QAM	50	0	19.71	19.85	19.74		
20	256QAM	50	24	19.65	19.77	19.68	20.5	5
20	256QAM	50	50	19.65	19.76	19.65		
20	256QAM	100	0	19.88	20.01	19.94		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	24.77	24.93	24.83		
15	QPSK	1	37	24.62	24.75	24.68	25.5	0
15	QPSK	1	74	24.68	24.86	24.79		
15	QPSK	36	0	24.82	24.87	24.73		
15	QPSK	36	20	24.65	24.84	24.73	25.5	0
15	QPSK	36	39	24.70	24.79	24.65		
15	QPSK	75	0	24.86	24.94	24.86		
15	16QAM	1	0	24.88	24.94	24.84		
15	16QAM	1	37	24.69	24.75	24.71	25.5	0
15	16QAM	1	74	24.66	24.77	24.74		
15	16QAM	36	0	23.71	23.86	23.71		
15	16QAM	36	20	23.57	23.76	23.62	24.5	1
15	16QAM	36	39	23.65	23.67	23.63		
15	16QAM	75	0	23.79	23.89	23.92		
15	64QAM	1	0	23.85	23.91	23.80		
15	64QAM	1	37	23.70	23.86	23.67	24.5	1
15	64QAM	1	74	23.83	23.86	23.85		
15	64QAM	36	0	22.61	22.76	22.66		
15	64QAM	36	20	22.62	22.59	22.55	23.5	2
15	64QAM	36	39	22.63	22.67	22.64		
15	64QAM	75	0	22.75	22.82	22.80		
15	256QAM	1	0	19.71	19.79	19.66		
15	256QAM	1	37	19.52	19.65	19.65	20.5	5
15	256QAM	1	74	19.64	19.80	19.73		
15	256QAM	36	0	19.57	19.82	19.67		
15	256QAM	36	20	19.53	19.73	19.63	20.5	5
15	256QAM	36	39	19.61	19.64	19.59		
15	256QAM	75	0	19.76	19.89	19.83		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	24.73	24.91	24.91		
10	QPSK	1	25	24.64	24.82	24.67	25.5	0
10	QPSK	1	49	24.69	24.80	24.74		
10	QPSK	25	0	24.82	24.91	24.81		
10	QPSK	25	12	24.73	24.83	24.83	25.5	0
10	QPSK	25	25	24.73	24.72	24.65		
10	QPSK	50	0	24.83	24.85	24.84		
10	16QAM	1	0	24.79	24.95	24.73		
10	16QAM	1	25	24.71	24.79	24.70	25.5	0
10	16QAM	1	49	24.63	24.84	24.64		
10	16QAM	25	0	23.73	23.77	23.78		
10	16QAM	25	12	23.65	23.74	23.68	24.5	1
10	16QAM	25	25	23.69	23.66	23.56		
10	16QAM	50	0	23.82	23.88	23.86		
10	64QAM	1	0	23.83	23.99	23.81		
10	64QAM	1	25	23.80	23.90	23.74	24.5	1
10	64QAM	1	49	23.67	23.88	23.80		
10	64QAM	25	0	22.55	22.72	22.62		
10	64QAM	25	12	22.58	22.69	22.57	23.5	2
10	64QAM	25	25	22.73	22.65	22.66		
10	64QAM	50	0	22.80	22.88	22.77		
10	256QAM	1	0	19.75	19.86	19.68		
10	256QAM	1	25	19.60	19.63	19.58	20.5	5
10	256QAM	1	49	19.71	19.71	19.66		
10	256QAM	25	0	19.66	19.79	19.63		
10	256QAM	25	12	19.57	19.70	19.55	20.5	5
10	256QAM	25	25	19.53	19.65	19.50		
10	256QAM	50	0	19.75	19.96	19.80		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	24.72	24.87	24.89		
5	QPSK	1	12	24.62	24.83	24.73	25.5	0
5	QPSK	1	24	24.69	24.85	24.80		
5	QPSK	12	0	24.89	24.82	24.77		
5	QPSK	12	7	24.73	24.78	24.77	25.5	0
5	QPSK	12	13	24.74	24.81	24.72		
5	QPSK	25	0	24.87	24.85	24.82		
5	16QAM	1	0	24.84	24.88	24.79		
5	16QAM	1	12	24.63	24.77	24.71	25.5	0
5	16QAM	1	24	24.70	24.83	24.65		
5	16QAM	12	0	23.69	23.76	23.78		
5	16QAM	12	7	23.58	23.81	23.66	24.5	1
5	16QAM	12	13	23.67	23.70	23.57		
5	16QAM	25	0	23.82	23.90	23.81		
5	64QAM	1	0	23.77	23.93	23.90		
5	64QAM	1	12	23.72	23.91	23.67	24.5	1
5	64QAM	1	24	23.76	23.86	23.79		
5	64QAM	12	0	22.58	22.81	22.67		
5	64QAM	12	7	22.61	22.63	22.54	23.5	2
5	64QAM	12	13	22.65	22.71	22.62		
5	64QAM	25	0	22.72	22.83	22.85		
5	256QAM	1	0	19.66	19.83	19.67		
5	256QAM	1	12	19.56	19.64	19.64	20.5	5
5	256QAM	1	24	19.62	19.72	19.74		
5	256QAM	12	0	19.62	19.81	19.65		
5	256QAM	12	7	19.60	19.67	19.63	20.5	5
5	256QAM	12	13	19.54	19.68	19.59		
5	256QAM	25	0	19.76	19.90	19.87		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	24.75	24.95	24.90		
3	QPSK	1	8	24.62	24.74	24.70	25.5	0
3	QPSK	1	14	24.71	24.80	24.77		
3	QPSK	8	0	24.78	24.91	24.74		
3	QPSK	8	4	24.73	24.80	24.84	25.5	0
3	QPSK	8	7	24.77	24.81	24.62		
3	QPSK	15	0	24.77	24.92	24.79		
3	16QAM	1	0	24.86	24.87	24.73		
3	16QAM	1	8	24.64	24.74	24.73	25.5	0
3	16QAM	1	14	24.63	24.79	24.67		
3	16QAM	8	0	23.73	23.76	23.68		
3	16QAM	8	4	23.62	23.73	23.69	24.5	1
3	16QAM	8	7	23.68	23.68	23.55		
3	16QAM	15	0	23.88	23.91	23.84		
3	64QAM	1	0	23.87	23.98	23.87		
3	64QAM	1	8	23.79	23.92	23.78	24.5	1
3	64QAM	1	14	23.88	23.86	23.87		
3	64QAM	8	0	22.62	22.69	22.67		
3	64QAM	8	4	22.58	22.62	22.57	23.5	2
3	64QAM	8	7	22.65	22.75	22.69		
3	64QAM	15	0	22.83	22.90	22.75		
3	256QAM	1	0	19.69	19.75	19.70		
3	256QAM	1	8	19.61	19.65	19.62	20.5	5
3	256QAM	1	14	19.67	19.71	19.74		
3	256QAM	8	0	19.63	19.71	19.64		
3	256QAM	8	4	19.58	19.69	19.64	20.5	5
3	256QAM	8	7	19.57	19.65	19.58		
3	256QAM	15	0	19.84	19.94	19.80		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	24.71	24.92	24.81		
1.4	QPSK	1	3	24.62	24.72	24.71		
1.4	QPSK	1	5	24.71	24.88	24.75	25.5	0
1.4	QPSK	3	0	24.80	24.93	24.78		
1.4	QPSK	3	1	24.67	24.82	24.79		
1.4	QPSK	3	3	24.77	24.79	24.67		
1.4	QPSK	6	0	24.80	24.85	24.83	25.5	0
1.4	16QAM	1	0	24.83	24.96	24.78		
1.4	16QAM	1	3	24.70	24.79	24.71		
1.4	16QAM	1	5	24.65	24.83	24.70	25.5	0
1.4	16QAM	3	0	24.77	24.80	24.76		
1.4	16QAM	3	1	24.57	24.72	24.60		
1.4	16QAM	3	3	24.61	24.78	24.67		
1.4	16QAM	6	0	23.81	23.93	23.86	24.5	1
1.4	64QAM	1	0	23.81	23.96	23.89		
1.4	64QAM	1	3	23.76	23.91	23.69		
1.4	64QAM	1	5	23.83	23.92	23.79	24.5	1
1.4	64QAM	3	0	23.61	23.75	23.63		
1.4	64QAM	3	1	23.64	23.69	23.58		
1.4	64QAM	3	3	23.64	23.73	23.71		
1.4	64QAM	6	0	22.80	22.89	22.79	23.5	2
1.4	256QAM	1	0	19.75	19.81	19.70		
1.4	256QAM	1	3	19.60	19.64	19.66		
1.4	256QAM	1	5	19.65	19.79	19.73	20.5	5
1.4	256QAM	3	0	19.65	19.80	19.64		
1.4	256QAM	3	1	19.56	19.64	19.65		
1.4	256QAM	3	3	19.52	19.64	19.60		
1.4	256QAM	6	0	19.78	19.90	19.81	20.5	5

Band 7 Ant3 Default

BW [MHz]	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	25.14	25.28	25.26		
20	QPSK	1	49	24.99	25.12	24.99	25.7	0
20	QPSK	1	99	24.95	25.07	25.00		
20	QPSK	50	0	25.12	25.25	25.21		
20	QPSK	50	24	25.03	25.13	25.08	25.7	0
20	QPSK	50	50	24.94	25.06	24.93		
20	QPSK	100	0	24.99	25.09	25.04		
20	16QAM	1	0	25.10	25.22	25.09		
20	16QAM	1	49	25.05	25.13	25.03	25.7	0
20	16QAM	1	99

Band 25 Ant3 Default

BW [MHz]	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	25.07	25.12	24.92	25.6	0
20	QPSK	1	49	25.01	25.05	24.92		
20	QPSK	1	99	24.87	24.97	24.90		
20	QPSK	50	0	25.00	25.10	25.06	25.6	0
20	QPSK	50	24	25.01	25.08	25.04		
20	QPSK	50	50	24.85	24.96	24.93		
20	QPSK	100	0	24.99	25.08	24.95		
20	16QAM	1	0	25.06	25.10	25.05	25.6	0
20	16QAM	1	49	24.89	25.01	24.95		
20	16QAM	1	99	24.81	24.95	24.83		
20	16QAM	50	0	23.90	24.04	23.94	24.6	1
20	16QAM	50	24	23.86	23.92	23.77		
20	16QAM	50	50	23.90	23.98	23.92		
20	16QAM	100	0	24.10	24.14	24.04		
20	64QAM	1	0	23.99	24.05	23.91	24.6	1
20	64QAM	1	49	23.92	23.98	23.89		
20	64QAM	1	99	23.81	23.93	23.89		
20	64QAM	50	0	23.00	23.06	22.99	23.6	2
20	64QAM	50	24	22.83	22.95	22.91		
20	64QAM	50	50	22.88	22.95	22.92		
20	64QAM	100	0	23.10	23.16	23.13		
20	256QAM	1	0	19.91	20.06	19.93	20.6	5
20	256QAM	1	49	19.83	19.95	19.82		
20	256QAM	1	99	19.89	19.97	19.84		
20	256QAM	50	0	19.96	20.07	20.02	20.6	5
20	256QAM	50	24	19.94	19.99	19.87		
20	256QAM	50	50	19.91	19.96	19.84		
20	256QAM	100	0	20.01	20.11	19.99		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	24.99	24.99	24.81	25.6	0
15	QPSK	1	37	24.92	24.98	24.83		
15	QPSK	1	74	24.82	24.90	24.80		
15	QPSK	36	0	24.93	24.97	25.02	25.6	0
15	QPSK	36	20	24.95	25.05	24.96		
15	QPSK	36	39	24.75	24.92	24.84		
15	QPSK	75	0	24.91	25.03	24.82		
15	16QAM	1	0	24.96	25.02	24.96	25.6	0
15	16QAM	1	37	24.81	24.89	24.81		
15	16QAM	1	74	24.72	24.82	24.73		
15	16QAM	36	0	23.85	24.00	23.87	24.6	1
15	16QAM	36	20	23.82	23.81	23.67		
15	16QAM	36	39	23.80	23.87	23.89		
15	16QAM	75	0	24.00	24.07	24.00		
15	64QAM	1	0	23.95	23.96	23.78	24.6	1
15	64QAM	1	37	23.85	23.84	23.75		
15	64QAM	1	74	23.69	23.90	23.75		
15	64QAM	36	0	22.90	22.92	22.89	23.6	2
15	64QAM	36	20	22.72	22.82	22.83		
15	64QAM	36	39	22.76	22.85	22.88		
15	64QAM	75	0	22.97	23.06	23.01		
15	256QAM	1	0	19.80	20.01	19.80	20.6	5
15	256QAM	1	37	19.72	19.89	19.77		
15	256QAM	1	74	19.79	19.93	19.78		
15	256QAM	36	0	19.87	19.92	19.99	20.6	5
15	256QAM	36	20	19.82	19.94	19.76		
15	256QAM	36	39	19.80	19.93	19.70		
15	256QAM	75	0	19.91	19.97	19.89		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	25.01	25.01	24.89	25.6	0
10	QPSK	1	25	24.90	24.92	24.83		
10	QPSK	1	49	24.83	24.90	24.86		
10	QPSK	25	0	24.91	25.01	24.95	25.6	0
10	QPSK	25	12	24.91	25.04	24.96		
10	QPSK	25	25	24.76	24.92	24.85		
10	QPSK	50	0	24.86	25.00	24.89		
10	16QAM	1	0	24.94	24.96	24.95	25.6	0
10	16QAM	1	25	24.77	24.95	24.86		
10	16QAM	1	49	24.69	24.88	24.77		
10	16QAM	25	0	23.77	23.95	23.90	24.6	1
10	16QAM	25	12	23.75	23.86	23.66		
10	16QAM	25	25	23.85	23.91	23.85		
10	16QAM	50	0	23.97	24.03	23.98		
10	64QAM	1	0	23.90	24.00	23.85	24.6	1
10	64QAM	1	25	23.85	23.87	23.75		
10	64QAM	1	49	23.77	23.85	23.75		
10	64QAM	25	0	22.87	22.97	22.92	23.6	2
10	64QAM	25	12	22.69	22.80	22.81		
10	64QAM	25	25	22.74	22.83	22.79		
10	64QAM	50	0	23.03	23.10	23.06		
10	256QAM	1	0	19.87	19.92	19.82	20.6	5
10	256QAM	1	25	19.73	19.88	19.73		
10	256QAM	1	49	19.81	19.87	19.71		
10	256QAM	25	0	19.84	20.03	19.91	20.6	5
10	256QAM	25	12	19.83	19.91	19.76		
10	256QAM	25	25	19.84	19.90	19.69		
10	256QAM	50	0	19.93	20.07	19.93		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	24.97	25.09	24.81	25.6	0
5	QPSK	1	12	24.92	24.92	24.78		
5	QPSK	1	24	24.76	24.85	24.78		
5	QPSK	12	0	24.97	25.05	25.02	25.6	0
5	QPSK	12	7	24.90	24.99	24.93		
5	QPSK	12	13	24.72	24.91	24.83		
5	QPSK	25	0	24.95	24.93	24.91		
5	16QAM	1	0	24.97	25.06	24.90	25.6	0
5	16QAM	1	12	24.75	24.97	24.91		
5	16QAM	1	24	24.67	24.82	24.78		
5	16QAM	12	0	23.83	23.90	23.80	24.6	1
5	16QAM	12	7	23.81	23.79	23.66		
5	16QAM	12	13	23.78	23.89	23.85		
5	16QAM	25	0	24.03	24.03	23.90		
5	64QAM	1	0	23.90	24.00	23.85	24.6	1
5	64QAM	1	12	23.80	23.85	23.82		
5	64QAM	1	24	23.76	23.90	23.81		
5	64QAM	12	0	22.96	22.93	22.94	23.6	2
5	64QAM	12	7	22.70	22.88	22.81		
5	64QAM	12	13	22.76	22.90	22.81		
5	64QAM	25	0	23.05	23.11	23.04		
5	256QAM	1	0	19.83	19.96	19.87	20.6	5
5	256QAM	1	12	19.79	19.84	19.69		
5	256QAM	1	24	19.75	19.87	19.78		
5	256QAM	12	0	19.92	19.99	19.93	20.6	5
5	256QAM	12	7	19.82	19.89	19.81		
5	256QAM	12	13	19.79	19.82	19.71		
5	256QAM	25	0	19.87	20.01	19.86		
Channel				26065	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	24.98	25.01	24.79	25.6	0
3	QPSK	1	8	24.96	24.91	24.89		
3	QPSK	1	14	24.73	24.84	24.84		
3	QPSK	8	0	24.96	25.00	25.02	25.6	0
3	QPSK	8	4	24.88	25.02	24.94		
3	QPSK	8	7	24.76	24.88	24.79		
3	QPSK	15	0	24.87	24.94	24.91		
3	16QAM	1	0	24.94	24.97	24.91	25.6	0
3	16QAM	1	8	24.85	24.91	24.83		
3	16QAM	1	14	24.70	24.81	24.71		
3	16QAM	8	0	23.85	23.98	23.89	24.6	1
3	16QAM	8	4	23.82	23.81	23.72		
3	16QAM	8	7	23.81	23.83	23.79		
3	16QAM	15	0	23.99	24.07	23.97		
3	64QAM	1	0	23.84	23.95	23.76	24.6	1
3	64QAM	1	8	23.79	23.90	23.80		
3	64QAM	1	14	23.74	23.80	23.85		
3	64QAM	8	0	22.89	22.93	22.87	23.6	2
3	64QAM	8	4	22.75	22.87	22.84		
3	64QAM	8	7	22.81	22.80	22.79		
3	64QAM	15	0	23.05	23.09	23.02		
3	256QAM	1	0	19.80	20.02	19.88	20.6	5
3	256QAM	1	8	19.74	19.89	19.76		
3	256QAM	1	14	19.79	19.94	19.73		
3	256QAM	8	0	19.81	19.94	19.90	20.6	5
3	256QAM	8	4	19.86	19.89	19.79		
3	256QAM	8	7	19.81	19.91	19.70		
3	256QAM	15	0	19.96	20.00	19.91		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	25.02	24.97	24.83	25.6	0
1.4	QPSK	1	3	24.90	24.92	24.85		
1.4	QPSK	1	5	24.73	24.91	24.81		
1.4	QPSK	3	0	24.89	25.04	25.01		
1.4	QPSK	3	1	24.92	25.05	24.93		
1.4	QPSK	3	3	24.77	24.83	24.86		
1.4	QPSK	6	0	24.84	25.03	24.84	25.6	0
1.4	16QAM	1	0	25.01	25.01	24.99	25.6	0
1.4	16QAM	1	3	24.84	24.89	24.80		
1.4	16QAM	1	5	24.72	24.89	24.80		
1.4	16QAM	3	0	24.75	24.98	24.87		
1.4	16QAM	3	1	24.79	24.79	24.70		
1.4	16QAM	3	3	24.78	24.88	24.86		
1.4	16QAM	6	0	24.00	24.07	23.92	24.6	1
1.4	64QAM	1	0	23.91	24.02	23.81	24.6	1
1.4	64QAM	1	3	23.84	23.84	23.77		
1.4	64QAM	1	5	23.67	23.87	23.85		
1.4	64QAM	3	0	23.91	23.96	23.94		
1.4	64QAM	3	1	23.73	23.91	23.78		
1.4	64QAM	3	3	23.82	23.85	23.78		
1.4	64QAM	6	0	22.95	23.07	23.03	23.6	2
1.4	256QAM	1	0	19.80	20.02	19.86	20.6	5
1.4	256QAM	1	3	19.74	19.89	19.78		
1.4	256QAM	1	5	19.74	19.89	19.78		
1.4	256QAM	3	0	19.82	20.04	19.94		
1.4	256QAM	3	1	19.83	19.95	19.72		
1.4	256QAM	3	3	19.84	19.88	19.70		
1.4	256QAM	6	0	19.87	20.08	19.85	20.6	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	24.31	24.33	24.20	24.9	0
20	QPSK	1	49	24.08	24.18	24.10		
20	QPSK	1	99	24.18	24.22	24.08		
20	QPSK	50	0	24.25	24.31	24.27	24.9	0
20	QPSK	50	24	24.20	24.25	24.17		
20	QPSK	50	50	24.12	24.21	24.12		
20	QPSK	100	0	24.10	24.18	24.09		
20	16QAM	1	0	24.17	24.30	24.19	24.9	0
20	16QAM	1	49	24.09	24.21	24.07		
20	16QAM	1	99	24.16	24.22	24.14		
20	16QAM	50	0	23.13	23.26	23.21	23.9	1
20	16QAM	50	24	23.04	23.18	23.13		
20	16QAM	50	50	23.09	23.21	23.09		
20	16QAM	100	0	23.05	23.15	23.08		
20	64QAM	1	0	23.17	23.31	23.25	23.9	1
20	64QAM	1	49	23.14	23.22	23.14		
20	64QAM	1	99	23.15	23.25	23.12		
20	64QAM	50	0	22.08	22.22	22.12	22.9	2
20	64QAM	50	24	22.11	22.16	22.10		
20	64QAM	50	50	22.05	22.15	22.12		
20	64QAM	100	0	22.13	22.17	22.09		
20	256QAM	1	0	19.24	19.34	19.23	19.9	5
20	256QAM	1	49	19.13	19.20	19.06		
20	256QAM	1	99	19.08	19.20	19.11		
20	256QAM	50	0	19.11	19.22	19.09	19.9	5
20	256QAM	50	24	19.07	19.17	19.06		
20	256QAM	50	50	19.07	19.12	18.98		
20	256QAM	100	0	19.15	19.26	19.18		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	24.20	24.20	24.09	24.9	0
15	QPSK	1	37	23.98	24.13	24.05		
15	QPSK	1	74	24.11	24.18	23.99		
15	QPSK	36	0	24.16	24.19	24.17	24.9	0
15	QPSK	36	20	24.08	24.19	24.06		
15	QPSK	36	39	24.05	24.14	24.00		
15	QPSK	75	0	24.01	24.07	24.02		
15	16QAM	1	0	24.11	24.25	24.13	24.9	0
15	16QAM	1	37	24.03	24.09	23.97		
15	16QAM	1	74	24.02	24.13	24.01		
15	16QAM	36	0	23.09	23.19	23.07	23.9	1
15	16QAM	36	20	23.00	23.06	23.05		
15	16QAM	36	39	23.04	23.12	23.03		
15	16QAM	75	0	22.98	23.05	22.97		
15	64QAM	1	0	23.03	23.17	23.10	23.9	1
15	64QAM	1	37	23.05	23.12	23.05		
15	64QAM	1	74	23.10	23.15	23.00		
15	64QAM	36	0	22.00	22.12	22.03	22.9	2
15	64QAM	36	20	22.01	22.13	22.00		
15	64QAM	36	39	21.96	22.12	22.02		
15	64QAM	75	0	22.05	22.08	22.00		
15	256QAM	1	0	19.12	19.21	19.13	19.9	5
15	256QAM	1	37	19.01	19.14	18.99		
15	256QAM	1	74	18.94	19.15	18.99		
15	256QAM	36	0	19.02	19.15	18.94	19.9	5
15	256QAM	36	20	18.96	19.12	18.96		
15	256QAM	36	39	19.02	19.16	18.86		
15	256QAM	75	0	19.09	19.16	19.14		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	24.26	24.20	24.09	24.9	0
10	QPSK	1	25	24.02	24.09	24.02		
10	QPSK	1	49	24.07	24.09	24.00		
10	QPSK	25	0	24.13	24.19	24.23	24.9	0
10	QPSK	25	12	24.07	24.16	24.03		
10	QPSK	25	25	24.06	24.07	24.00		
10	QPSK	50	0	23.98	24.04	24.04		
10	16QAM	1	0	24.12	24.19	24.09	24.9	0
10	16QAM	1	25	24.02	24.14	23.93		
10	16QAM	1	49	24.07	24.10	24.01		
10	16QAM	25	0	23.06	23.22	23.16	23.9	1
10	16QAM	25	12	22.89	23.10	23.03		
10	16QAM	25	25	23.02	23.17	23.03		
10	16QAM	50	0	22.92	23.04	23.00		
10	64QAM	1	0	23.04	23.17	23.17	23.9	1
10	64QAM	1	25	23.01	23.17	23.08		
10	64QAM	1	49	23.00	23.13	23.01		
10	64QAM	25	0	21.98	22.15	22.09	22.9	2
10	64QAM	25	12	22.07	22.05	22.03		
10	64QAM	25	25	21.96	22.05	22.04		
10	64QAM	50	0	22.06	22.11	21.96		
10	256QAM	1	0	19.15	19.19	19.12	19.9	5
10	256QAM	1	25	19.05	19.06	18.98		
10	256QAM	1	49	18.95	19.12	18.96		
10	256QAM	25	0	18.96	19.17	19.01	19.9	5
10	256QAM	25	12	19.02	19.05	18.94		
10	256QAM	25	25	18.94	19.02	18.85		
10	256QAM	50	0	19.10	19.21	19.06		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	24.25	24.18	24.09	24.9	0
5	QPSK	1	12	24.01	24.07	23.99		
5	QPSK	1	24	24.12	24.13	24.04		
5	QPSK	12	0	24.20	24.23	24.21	24.9	0
5	QPSK	12	7	24.15	24.20	24.03		
5	QPSK	12	13	23.98	24.13	24.09		
5	QPSK	25	0	24.05	24.12	24.02		
5	16QAM	1	0	24.13	24.22	24.11	24.9	0
5	16QAM	1	12	24.04	24.14	23.95		
5	16QAM	1	24	24.11	24.10	24.02		
5	16QAM	12	0	23.00	23.17	23.08	23.9	1
5	16QAM	12	7	22.94	23.12	23.06		
5	16QAM	12	13	23.03	23.08	22.99		
5	16QAM	25	0	22.96	23.00	22.99		
5	64QAM	1	0	23.08	23.21	23.20	23.9	1
5	64QAM	1	12	23.04	23.11	23.09		
5	64QAM	1	24	23.05	23.13	23.07		
5	64QAM	12	0	21.94	22.16	22.04	22.9	2
5	64QAM	12	7	22.07	22.03	22.07		
5	64QAM	12	13	22.00	22.04	22.09		
5	64QAM	25	0	22.09	22.09	22.02		
5	256QAM	1	0	19.13	19.24	19.16	19.9	5
5	256QAM	1	12	19.10	19.16	18.96		
5	256QAM	1	24	19.01	19.05	18.99		
5	256QAM	12	0	19.05	19.09	18.96	19.9	5
5	256QAM	12	7	18.96	19.06	19.02		
5	256QAM	12	13	18.95	18.98	18.88		
5	256QAM	25	0	19.06	19.20	19.05		
Channel				131967	132322	132677	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	24.26	24.25	24.16	24.9	0
3	QPSK	1	8	23.99	24.11	24.02		
3	QPSK	1	14	24.15	24.08	24.02		
3	QPSK	8	0	24.14	24.23	24.19	24.9	0
3	QPSK	8	4	24.13	24.14	24.05		
3	QPSK	8	7	24.00	24.15	23.98		
3	QPSK	15	0	24.06	24.13	23.99		
3	16QAM	1	0	24.11	24.20	24.07	24.9	0
3	16QAM	1	8	24.06	24.08	24.04		
3	16QAM	1	14	24.06	24.16	24.10		
3	16QAM	8	0	23.03	23.12	23.09	23.9	1
3	16QAM	8	4	23.00	23.10	23.02		
3	16QAM	8	7	22.95	23.11	22.97		
3	16QAM	15	0	22.98	23.02	22.96		
3	64QAM	1	0	23.06	23.28	23.19	23.9	1
3	64QAM	1	8	23.00	23.12	23.04		
3	64QAM	1	14	23.06	23.10	23.03		
3	64QAM	8	0	22.04	22.08	22.00	22.9	2
3	64QAM	8	4	22.07	22.10	22.01		
3	64QAM	8	7	21.99	22.05	22.08		
3	64QAM	15	0	21.98	22.02	22.01		
3	256QAM	1	0	19.21	19.27	19.15	19.9	5
3	256QAM	1	8	19.08	19.12	19.03		
3	256QAM	1	14	18.97	19.16	19.05		
3	256QAM	8	0	19.08	19.11	18.95	19.9	5
3	256QAM	8	4	18.95	19.10	18.98		
3	256QAM	8	7	18.97	18.98	18.88		
3	256QAM	15	0	19.10	19.14	19.08		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	24.19	24.23	24.05	24.9	0
1.4	QPSK	1	3	23.96	24.04	24.05		
1.4	QPSK	1	5	24.04	24.07	24.05		
1.4	QPSK	3	0	24.10	24.24	24.20		
1.4	QPSK	3	1	24.13	24.11	24.03		
1.4	QPSK	3	3	24.04	24.10	24.02		
1.4	QPSK	6	0	24.05	24.13	23.95	24.9	0
1.4	16QAM	1	0	24.12	24.22	24.06	24.9	0
1.4	16QAM	1	3	24.06	24.16	23.96		
1.4	16QAM	1	5	24.12	24.19	24.10		
1.4	16QAM	3	0	24.06	24.16	24.09		
1.4	16QAM	3	1	23.95	24.07	24.09		
1.4	16QAM	3	3	24.03	24.08	24.03		
1.4	16QAM	6	0	23.00	23.01	22.98	23.9	1
1.4	64QAM	1	0	23.07	23.17	23.21	23.9	1
1.4	64QAM	1	3	23.10	23.09	23.03		
1.4	64QAM	1	5	23.03	23.16	23.03		
1.4	64QAM	3	0	23.04	23.11	23.01		
1.4	64QAM	3	1	23.02	23.07	23.06		
1.4	64QAM	3	3	23.01	23.00	23.08		
1.4	64QAM	6	0	22.02	22.12	21.98	22.9	2
1.4	256QAM	1	0	19.18	19.28	19.14	19.9	5
1.4	256QAM	1	3	19.07	19.11	18.96		
1.4	256QAM	1	5	19.01	19.07	19.01		
1.4	256QAM	3	0	19.01	19.08	18.97		
1.4	256QAM	3	1	18.97	19.13	18.95		
1.4	256QAM	3	3	18.99	19.01	18.83		
1.4	256QAM	6	0	19.12	19.12	19.10	19.9	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				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	25.03	25.11	25.00	25.6	0
20	QPSK	1	49	24.91	24.98	24.91		
20	QPSK	1	99	24.87	24.92	24.84		
20	QPSK	50	0	24.99	25.05	24.95	25.6	0
20	QPSK	50	24	24.97	25.03	24.92		
20	QPSK	50	50	24.88	24.99	24.92		
20	QPSK	100	0	24.97	25.06	24.93		
20	16QAM	1	0	24.97	25.04	25.00	25.6	0
20	16QAM	1	49	24.92	24.98	24.84		
20	16QAM	1	99	24.82	24.96	24.85		
20	16QAM	50	0	24.01	24.11	23.97	24.6	1
20	16QAM	50	24	23.96	24.08	24.02		
20	16QAM	50	50	23.91	24.02	23.96		
20	16QAM	100	0	24.06	24.09	23.97		
20	64QAM	1	0	23.95	24.05	24.02	24.6	1
20	64QAM	1	49	23.87	23.93	23.85		
20	64QAM	1	99	23.83	23.94	23.91		
20	64QAM	50	0	23.02	23.14	23.00	23.6	2
20	64QAM	50	24	22.94	22.99	22.95		
20	64QAM	50	50	22.98	23.11	23.07		
20	64QAM	100	0	22.94	23.07	22.93		
20	256QAM	1	0	19.93	20.00	19.91	20.6	5
20	256QAM	1	49	19.84	19.93	19.81		
20	256QAM	1	99	19.89	19.95	19.85		
20	256QAM	50	0	20.01	20.09	19.99	20.6	5
20	256QAM	50	24	19.88	19.95	19.91		
20	256QAM	50	50	19.86	19.99	19.86		
20	256QAM	100	0	20.01	20.06	19.96		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	24.91	25.00	24.86	25.6	0
15	QPSK	1	37	24.80	24.85	24.79		
15	QPSK	1	74	24.80	24.82	24.69		
15	QPSK	36	0	24.89	24.95	24.82	25.6	0
15	QPSK	36	20	24.88	24.96	24.80		
15	QPSK	36	39	24.73	24.91	24.80		
15	QPSK	75	0	24.87	24.92	24.86		
15	16QAM	1	0	24.90	25.00	24.85	25.6	0
15	16QAM	1	37	24.79	24.94	24.78		
15	16QAM	1	74	24.76	24.88	24.81		
15	16QAM	36	0	23.88	23.97	23.82	24.6	1
15	16QAM	36	20	23.92	24.00	23.95		
15	16QAM	36	39	23.84	23.93	23.84		
15	16QAM	75	0	23.92	23.96	23.88		
15	64QAM	1	0	23.82	23.98	23.89	24.6	1
15	64QAM	1	37	23.75	23.89	23.72		
15	64QAM	1	74	23.79	23.80	23.78		
15	64QAM	36	0	22.89	23.02	22.95	23.6	2
15	64QAM	36	20	22.87	22.84	22.81		
15	64QAM	36	39	22.89	23.05	22.99		
15	64QAM	75	0	22.88	23.03	22.86		
15	256QAM	1	0	19.85	19.90	19.87	20.6	5
15	256QAM	1	37	19.73	19.86	19.70		
15	256QAM	1	74	19.77	19.85	19.80		
15	256QAM	36	0	19.91	19.98	19.88	20.6	5
15	256QAM	36	20	19.75	19.86	19.85		
15	256QAM	36	39	19.75	19.92	19.80		
15	256QAM	75	0	19.88	19.99	19.89		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	24.98	25.02	24.95	25.6	0
10	QPSK	1	25	24.84	24.87	24.82		
10	QPSK	1	49	24.83	24.88	24.78		
10	QPSK	25	0	24.87	24.91	24.83	25.6	0
10	QPSK	25	12	24.91	24.89	24.88		
10	QPSK	25	25	24.73	24.86	24.80		
10	QPSK	50	0	24.90	24.95	24.87		
10	16QAM	1	0	24.88	24.93	24.88	25.6	0
10	16QAM	1	25	24.86	24.86	24.74		
10	16QAM	1	49	24.70	24.87	24.81		
10	16QAM	25	0	23.89	24.04	23.92	24.6	1
10	16QAM	25	12	23.86	23.97	23.94		
10	16QAM	25	25	23.82	23.93	23.92		
10	16QAM	50	0	23.92	23.97	23.82		
10	64QAM	1	0	23.91	23.98	23.99	24.6	1
10	64QAM	1	25	23.73	23.82	23.73		
10	64QAM	1	49	23.73	23.85	23.81		
10	64QAM	25	0	22.89	23.08	22.89	23.6	2
10	64QAM	25	12	22.86	22.85	22.90		
10	64QAM	25	25	22.92	23.01	23.03		
10	64QAM	50	0	22.79	23.00	22.85		
10	256QAM	1	0	19.89	19.93	19.82	20.6	5
10	256QAM	1	25	19.76	19.89	19.69		
10	256QAM	1	49	19.83	19.86	19.80		
10	256QAM	25	0	19.93	20.00	19.90	20.6	5
10	256QAM	25	12	19.77	19.91	19.78		
10	256QAM	25	25	19.74	19.96	19.75		
10	256QAM	50	0	19.94	20.00	19.87		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	24.98	25.01	24.87	25.6	0
5	QPSK	1	12	24.85	24.85	24.83		
5	QPSK	1	24	24.82	24.80	24.78		
5	QPSK	12	0	24.85	25.00	24.87	25.6	0
5	QPSK	12	7	24.86	24.94	24.85		
5	QPSK	12	13	24.82	24.95	24.88		
5	QPSK	25	0	24.93	24.99	24.90		
5	16QAM	1	0	24.82	24.95	24.92	25.6	0
5	16QAM	1	12	24.80	24.86	24.74		
5	16QAM	1	24	24.69	24.83	24.78		
5	16QAM	12	0	23.94	24.06	23.86	24.6	1
5	16QAM	12	7	23.92	24.02	23.88		
5	16QAM	12	13	23.86	23.94	23.84		
5	16QAM	25	0	24.02	24.04	23.92		
5	64QAM	1	0	23.86	23.95	23.93	24.6	1
5	64QAM	1	12	23.81	23.80	23.77		
5	64QAM	1	24	23.79	23.85	23.82		
5	64QAM	12	0	22.91	23.08	22.90	23.6	2
5	64QAM	12	7	22.88	22.87	22.89		
5	64QAM	12	13	22.93	23.07	23.01		
5	64QAM	25	0	22.85	23.01	22.81		
5	256QAM	1	0	19.85	19.96	19.79	20.6	5
5	256QAM	1	12	19.80	19.78	19.78		
5	256QAM	1	24	19.80	19.91	19.75		
5	256QAM	12	0	19.92	19.97	19.92	20.6	5
5	256QAM	12	7	19.80	19.85	19.80		
5	256QAM	12	13	19.75	19.95	19.82		
5	256QAM	25	0	19.91	20.00	19.82		

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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	25.09	25.07	25.19	25.17	25.14	25.6	0
20	QPSK	1	49	24.98	25.03	25.06	25.00	24.91		
20	QPSK	1	99	24.98	25.09	25.12	25.01	24.99		
20	QPSK	50	0	25.07	25.06	25.16	25.13	25.08	25.6	0
20	QPSK	50	24	25.04	25.04	25.07	25.00	24.99		
20	QPSK	50	50	24.98	25.01	25.09	25.02	25.05		
20	QPSK	100	0	25.05	25.02	25.16	25.09	25.03		
20	16QAM	1	0	24.96	25.06	25.09	25.00	25.00	25.6	0
20	16QAM	1	49	25.01	24.93	25.03	24.90	24.94		
20	16QAM	1	99	24.88	24.94	25.01	24.90	24.93		
20	16QAM	50	0	24.14	24.05	24.19	24.12	24.04	24.6	1
20	16QAM	50	24	23.94	23.94	24.09	24.05	24.07		
20	16QAM	50	50	24.04	24.10	24.15	24.03	24.05		
20	16QAM	100	0	24.06	24.11	24.17	24.02	24.14		
20	64QAM	1	0	24.10	24.12	24.21	24.12	24.16	24.6	1
20	64QAM	1	49	24.14	24.01	24.16	24.06	24.01		
20	64QAM	1	99	23.96	23.96	24.10	24.02	24.02		
20	64QAM	50	0	23.09	23.12	23.18	23.11	23.05	23.6	2
20	64QAM	50	24	23.06	23.02	23.13	23.08	23.05		
20	64QAM	50	50	22.95	23.07	23.11	23.06	23.05		
20	64QAM	100	0	23.03	23.03	23.15	23.02	23.03		
20	256QAM	1	0	19.94	19.94	20.08	19.98	19.96	20.6	5
20	256QAM	1	49	19.89	19.81	19.93	19.88	19.90		
20	256QAM	1	99	19.99	19.79	19.94	19.85	19.93		
20	256QAM	50	0	20.07	20.04	20.14	20.07	20.02	20.6	5
20	256QAM	50	24	19.99	19.93	20.08	20.02	19.95		
20	256QAM	50	50	20.02	19.99	20.10	20.04	20.01		
20	256QAM	100	0	20.00	20.07	20.10	19.95	20.04		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	24.95	24.97	25.05	25.11	25.03	25.60	0
15	QPSK	1	37	24.86	24.98	24.98	24.90	24.83		
15	QPSK	1	74	24.84	24.97	25.07	24.92	24.87		
15	QPSK	36	0	24.99	24.95	25.02	24.98	24.95	25.6	0
15	QPSK	36	20	24.97	24.94	24.96	24.92	24.94		
15	QPSK	36	39	24.93	24.98	25.03	24.96	25.01		
15	QPSK	75	0	24.92	24.96	25.06	25.05	24.89		
15	16QAM	1	0	24.83	24.96	25.02	24.87	24.88	25.6	0
15	16QAM	1	37	24.97	24.85	24.91	24.79	24.85		
15	16QAM	1	74	24.82	24.80	24.88	24.86	24.80		
15	16QAM	36	0	24.06	23.99	24.08	24.03	23.97	24.6	1
15	16QAM	36	20	23.82	23.88	23.98	23.91	23.99		
15	16QAM	36	39	23.96	24.04	24.06	23.99	23.95		
15	16QAM	75	0	24.02	23.98	24.03	23.91	24.01		
15	64QAM	1	0	23.99	24.08	24.12	23.99	24.01	24.6	1
15	64QAM	1	37	24.08	23.89	24.09	23.93	23.94		
15	64QAM	1	74	23.83	23.92	23.99	23.89	23.92		
15	64QAM	36	0	22.94	23.06	23.12	23.01	23.01	23.6	2
15	64QAM	36	20	22.94	22.93	23.04	22.96	22.97		
15	64QAM	36	39	22.87	23.03	23.06	23.03	22.99		
15	64QAM	75	0	22.98	22.93	23.07	22.95	22.98		
15	256QAM	1	0	19.80	19.88	19.98	19.85	19.90	20.6	5
15	256QAM	1	37	19.76	19.72	19.80	19.78	19.83		
15	256QAM	1	74	19.94	19.72	19.84	19.72	19.86		
15	256QAM	36	0	19.92	19.94	20.06	19.96	19.93	20.6	5
15	256QAM	36	20	19.95	19.78	20.04	19.96	19.87		
15	256QAM	36	39	19.93	19.93	20.05	19.94	19.96		
15	256QAM	75	0	19.85	19.98	20.01	19.84	19.94		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	25.01	24.95	25.04	25.13	25.06	25.60	0
10	QPSK	1	25	24.91	24.98	24.97	24.89	24.82		
10	QPSK	1	49	24.91	25.03	25.01	24.96	24.95		
10	QPSK	25	0	24.98	25.02	25.03	25.02	24.93	25.6	0
10	QPSK	25	12	24.94	24.95	24.97	24.86	24.88		
10	QPSK	25	25	24.95	24.96	25.03	24.90	25.00		
10	QPSK	50	0	25.00	24.95	25.08	25.05	24.92		
10	16QAM	1	0	24.83	24.94	24.96	24.85	24.95	25.6	0
10	16QAM	1	25	24.88	24.81	24.89	24.83	24.85		
10	16QAM	1	49	24.78	24.81	24.97	24.82	24.87		
10	16QAM	25	0	24.08	23.94	24.06	24.04	23.98	24.6	1
10	16QAM	25	12	23.90	23.90	23.96	24.00	24.03		
10	16QAM	25	25	23.92	24.01	24.11	23.90	24.01		
10	16QAM	50	0	23.98	24.01	24.07	23.90	24.06		
10	64QAM	1	0	24.05	23.98	24.09	24.00	24.06	24.6	1
10	64QAM	1	25	24.06	23.87	24.02	23.97	23.98		
10	64QAM	1	49	23.90	23.86	23.98	23.91	23.91		
10	64QAM	25	0	23.04	23.09	23.09	23.06	22.99	23.6	2
10	64QAM	25	12	22.93	22.93	23.09	23.02	22.99		
10	64QAM	25	25	22.86	23.01	23.01	23.01	22.95		
10	64QAM	50	0	22.94	22.99	23.06	22.97	22.97		
10	256QAM	1	0	19.86	19.81	19.96	19.84	19.89	20.6	5
10	256QAM	1	25	19.81	19.68	19.84	19.83	19.79		
10	256QAM	1	49	19.90	19.74	19.90	19.76	19.87		
10	256QAM	25	0	20.03	19.91	20.08	19.95	19.98	20.6	5
10	256QAM	25	12	19.87	19.88	19.99	19.90	19.81		
10	256QAM	25	25	19.96	19.91	20.07	19.93	19.92		
10	256QAM	50	0	19.90	20.03	20.00	19.85	19.98		
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	25.02	25.03	25.08	25.13	25.07	25.60	0
5	QPSK	1	12	24.86	24.95	24.92	24.85	24.79		
5	QPSK	1	24	24.93	24.98	25.01	24.86	24.95		
5	QPSK	12	0	25.01	25.02	25.11	25.02	24.96	25.6	0
5	QPSK	12	7	24.97	24.89	24.95	24.87	24.91		
5	QPSK	12	13	24.91	24.90	24.98	24.93	24.92		
5	QPSK	25	0	24.96	24.97	25.06	25.04	24.94		
5	16QAM	1	0	24.92	24.99	24.98	24.86	24.95	25.6	0
5	16QAM	1	12	24.88	24.87	24.97	24.84	24.89		
5	16QAM	1	24	24.82	24.86	24.89	24.76	24.82		
5	16QAM	12	0	24.04	24.02	24.10	23.98	23.98	24.6	1
5	16QAM	12	7	23.91	23.88	23.97	23.99	23.94		
5	16QAM	12	13	23.89	23.98	24.08	23.98	23.97		
5	16QAM	25	0	23.97	24.04	24.06	23.90	24.00		
5	64QAM	1	0	23.96	24.02	24.15	24.01	24.03	24.6	1
5	64QAM	1	12	24.01	23.93	24.08	23.97	23.91		
5	64QAM	1	24	23.90	23.82	23.98	23.97	23.99		
5	64QAM	12	0	22.95	22.97	23.04	22.97	22.91	23.6	2
5	64QAM	12	7	22.99	22.87	23.06	23.05	22.94		
5	64QAM	12	13	22.81	22.92	22.98	22.92	22.93		
5	64QAM	25	0	22.99	22.92	23.09	22.93	22.98		
5	256QAM	1	0	19.84	19.86	20.01	19.89	19.89	20.6	5
5	256QAM	1	12	19.82	19.67	19.81	19.75	19.77		
5	256QAM	1	24	19.88	19.71	19.90	19.75	19.84		
5	256QAM	12	0	19.92	19.91	20.02	19.94	19.94	20.6	5
5	256QAM	12	7	19.93	19.84	20.05	19.92	19.84		
5	256QAM	12	13	19.91	19.92	19.97	19.90	19.95		
5	256QAM	25	0	19.92	19.97	19.97	19.91	20.01		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	22.49	22.63	22.55	23.8	0
20	QPSK	1	49	22.39	22.51	22.41		
20	QPSK	1	99	22.44	22.57	22.42		
20	QPSK	50	0	22.47	22.53	22.50	23.8	0
20	QPSK	50	24	22.31	22.43	22.39		
20	QPSK	50	50	22.44	22.50	22.41		
20	QPSK	100	0	22.36	22.48	22.44		
20	16QAM	1	0	22.38	22.50	22.39	23.8	0
20	16QAM	1	49	22.31	22.41	22.29		
20	16QAM	1	99	22.32	22.37	22.26		
20	16QAM	50	0	21.63	21.67	21.56	22.8	1
20	16QAM	50	24	21.43	21.58	21.46		
20	16QAM	50	50	21.52	21.63	21.52		
20	16QAM	100	0	21.54	21.64	21.56		
20	64QAM	1	0	21.54	21.69	21.56	22.8	1
20	64QAM	1	49	21.55	21.64	21.57		
20	64QAM	1	99	21.52	21.63	21.51		
20	64QAM	50	0	20.58	20.63	20.58	21.8	2
20	64QAM	50	24	20.36	20.49	20.35		
20	64QAM	50	50	20.37	20.50	20.38		
20	64QAM	100	0	20.55	20.60	20.48		
20	256QAM	1	0	17.38	17.48	17.41	18.8	5
20	256QAM	1	49	17.30	17.43	17.33		
20	256QAM	1	99	17.37	17.42	17.33		
20	256QAM	50	0	17.39	17.52	17.44	18.8	5
20	256QAM	50	24	17.32	17.41	17.31		
20	256QAM	50	50	17.37	17.41	17.35		
20	256QAM	100	0	17.33	17.40	17.25		
Channel				42165	42590	43015	Tune-up limit	MPR
Frequency (MHz)				3457.5	3500	3542.5	(dBm)	(dB)
15	QPSK	1	0	22.38	22.57	22.46	23.8	0
15	QPSK	1	37	22.26	22.42	22.33		
15	QPSK	1	74	22.37	22.53	22.35		
15	QPSK	36	0	22.34	22.40	22.44	23.8	0
15	QPSK	36	20	22.25	22.40	22.28		
15	QPSK	36	39	22.30	22.43	22.28		
15	QPSK	75	0	22.22	22.35	22.30		
15	16QAM	1	0	22.28	22.35	22.28	23.8	0
15	16QAM	1	37	22.16	22.31	22.25		
15	16QAM	1	74	22.22	22.22	22.18		
15	16QAM	36	0	21.53	21.59	21.42	22.8	1
15	16QAM	36	20	21.35	21.50	21.32		
15	16QAM	36	39	21.44	21.53	21.41		
15	16QAM	75	0	21.44	21.50	21.48		
15	64QAM	1	0	21.45	21.65	21.50	22.8	1
15	64QAM	1	37	21.42	21.57	21.49		
15	64QAM	1	74	21.47	21.59	21.48		
15	64QAM	36	0	20.47	20.54	20.46	21.8	2
15	64QAM	36	20	20.26	20.40	20.21		
15	64QAM	36	39	20.34	20.37	20.34		
15	64QAM	75	0	20.48	20.53	20.39		
15	256QAM	1	0	17.35	17.34	17.36	18.8	5
15	256QAM	1	37	17.17	17.36	17.25		
15	256QAM	1	74	17.24	17.33	17.26		
15	256QAM	36	0	17.31	17.46	17.37	18.8	5
15	256QAM	36	20	17.19	17.37	17.19		
15	256QAM	36	39	17.28	17.31	17.22		
15	256QAM	75	0	17.27	17.25	17.16		
Channel				42140	42590	43040	Tune-up limit	MPR
Frequency (MHz)				3455	3500	3545	(dBm)	(dB)
10	QPSK	1	0	22.36	22.54	22.40	23.8	0
10	QPSK	1	25	22.32	22.38	22.37		
10	QPSK	1	49	22.32	22.42	22.37		
10	QPSK	25	0	22.35	22.46	22.40	23.8	0
10	QPSK	25	12	22.22	22.39	22.29		
10	QPSK	25	25	22.30	22.41	22.26		
10	QPSK	50	0	22.24	22.33	22.32		
10	16QAM	1	0	22.29	22.42	22.34	23.8	0
10	16QAM	1	25	22.16	22.35	22.18		
10	16QAM	1	49	22.25	22.27	22.11		
10	16QAM	25	0	21.56	21.61	21.42	22.8	1
10	16QAM	25	12	21.32	21.47	21.42		
10	16QAM	25	25	21.40	21.51	21.40		
10	16QAM	50	0	21.40	21.55	21.41		
10	64QAM	1	0	21.43	21.58	21.51	22.8	1
10	64QAM	1	25	21.40	21.54	21.48		
10	64QAM	1	49	21.46	21.52	21.39		
10	64QAM	25	0	20.47	20.52	20.46	21.8	2
10	64QAM	25	12	20.24	20.37	20.21		
10	64QAM	25	25	20.24	20.45	20.25		
10	64QAM	50	0	20.51	20.54	20.34		
10	256QAM	1	0	17.28	17.42	17.29	18.8	5
10	256QAM	1	25	17.17	17.35	17.23		
10	256QAM	1	49	17.23	17.35	17.19		
10	256QAM	25	0	17.31	17.48	17.29	18.8	5
10	256QAM	25	12	17.27	17.38	17.25		
10	256QAM	25	25	17.29	17.31	17.30		
10	256QAM	50	0	17.24	17.33	17.16		
Channel				42115	42590	43065	Tune-up limit	MPR
Frequency (MHz)				3452.5	3500	3547.5	(dBm)	(dB)
5	QPSK	1	0	22.42	22.55	22.40	23.8	0
5	QPSK	1	12	22.32	22.40	22.34		
5	QPSK	1	24	22.33	22.43	22.34		
5	QPSK	12	0	22.32	22.49	22.38	23.8	0
5	QPSK	12	7	22.21	22.31	22.35		
5	QPSK	12	13	22.32	22.46	22.31		
5	QPSK	25	0	22.21	22.42	22.37		
5	16QAM	1	0	22.27	22.43	22.29	23.8	0
5	16QAM	1	12	22.24	22.28	22.15		
5	16QAM	1	24	22.28	22.25	22.20		
5	16QAM	12	0	21.52	21.62	21.45	22.8	1
5	16QAM	12	7	21.28	21.49	21.38		
5	16QAM	12	13	21.41	21.57	21.41		
5	16QAM	25	0	21.45	21.55	21.45		
5	64QAM	1	0	21.51	21.58	21.44	22.8	1
5	64QAM	1	12	21.46	21.54	21.46		
5	64QAM	1	24	21.39	21.52	21.43		
5	64QAM	12	0	20.44	20.58	20.53	21.8	2
5	64QAM	12	7	20.25	20.44	20.30		
5	64QAM	12	13	20.32	20.39	20.30		
5	64QAM	25	0	20.40	20.50	20.34		
5	256QAM	1	0	17.27	17.34	17.29	18.8	5
5	256QAM	1	12	17.18	17.36	17.29		
5	256QAM	1	24	17.34	17.33	17.25		
5	256QAM	12	0	17.30	17.46	17.37	18.8	5
5	256QAM	12	7	17.23	17.28	17.25		
5	256QAM	12	13	17.24	17.34	17.25		
5	256QAM	25	0	17.19	17.33	17.19		

Band 48 Ant3 Default

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	21.29	21.45	21.33	21.38	22.7	0
20	QPSK	1	49	21.21	21.36	21.24	21.30		
20	QPSK	1	99	21.24	21.30	21.21	21.25		
20	QPSK	50	0	21.36	21.42	21.33	21.30	22.7	0
20	QPSK	50	24	21.17	21.31	21.19	21.23		
20	QPSK	50	50	21.33	21.39	21.35	21.36		
20	QPSK	100	0	21.28	21.36	21.31	21.26		
20	16QAM	1	0	21.30	21.35	21.27	21.21	22.7	0
20	16QAM	1	49	21.17	21.30	21.15	21.23		
20	16QAM	1	99	21.21	21.28	21.25	21.23		
20	16QAM	50	0	20.28	20.38	20.29	20.27	21.7	1
20	16QAM	50	24	20.23	20.28	20.15	20.21		
20	16QAM	50	50	20.22	20.31	20.27	20.26		
20	16QAM	100	0	20.20	20.26	20.15	20.16		
20	64QAM	1	0	20.22	20.35	20.22	20.26	21.7	1
20	64QAM	1	49	20.16	20.31	20.19	20.20		
20	64QAM	1	99	20.13	20.25	20.18	20.17		
20	64QAM	50	0	19.43	19.49	19.43	19.36	20.7	2
20	64QAM	50	24	19.25	19.38	19.34	19.29		
20	64QAM	50	50	19.33	19.41	19.26	19.39		
20	64QAM	100	0	19.38	19.43	19.29	19.35		
20	256QAM	1	0	16.40	16.50	16.39	16.37	17.7	5
20	256QAM	1	49	16.26	16.41	16.27	16.34		
20	256QAM	1	99	16.35	16.38	16.30	16.28		
20	256QAM	50	0	16.37	16.44	16.35	16.30	17.7	5
20	256QAM	50	24	16.23	16.34	16.24	16.36		
20	256QAM	50	50	16.31	16.38	16.27	16.28		
20	256QAM	100	0	16.32	16.41	16.35	16.33		
Channel				55315	55820	56160	56665	Tune-up limit	MPR
Frequency (MHz)				3557.5	3608	3642	3692.5	(dBm)	(dB)
15	QPSK	1	0	21.25	21.36	21.26	21.33	22.7	0
15	QPSK	1	37	21.10	21.31	21.15	21.24		
15	QPSK	1	74	21.11	21.27	21.08	21.16		
15	QPSK	36	0	21.24	21.30	21.25	21.22	22.7	0
15	QPSK	36	20	21.07	21.22	21.07	21.17		
15	QPSK	36	39	21.23	21.34	21.30	21.28		
15	QPSK	75	0	21.23	21.31	21.24	21.13		
15	16QAM	1	0	21.22	21.21	21.12	21.17	22.7	0
15	16QAM	1	37	21.14	21.16	21.10	21.18		
15	16QAM	1	74	21.17	21.16	21.16	21.12		
15	16QAM	36	0	20.18	20.25	20.22	20.18	21.7	1
15	16QAM	36	20	20.18	20.22	20.08	20.11		
15	16QAM	36	39	20.08	20.18	20.23	20.13		
15	16QAM	75	0	20.14	20.19	20.09	20.07		
15	64QAM	1	0	20.16	20.22	20.15	20.16	21.7	1
15	64QAM	1	37	20.13	20.27	20.11	20.10		
15	64QAM	1	74	20.05	20.13	20.06	20.05		
15	64QAM	36	0	19.28	19.35	19.38	19.33	20.7	2
15	64QAM	36	20	19.16	19.32	19.29	19.24		
15	64QAM	36	39	19.27	19.29	19.13	19.28		
15	64QAM	75	0	19.24	19.35	19.17	19.21		
15	256QAM	1	0	16.27	16.40	16.25	16.29	17.7	5
15	256QAM	1	37	16.18	16.29	16.16	16.27		
15	256QAM	1	74	16.23	16.30	16.26	16.15		
15	256QAM	36	0	16.24	16.33	16.26	16.22	17.7	5
15	256QAM	36	20	16.19	16.25	16.12	16.27		
15	256QAM	36	39	16.16	16.26	16.14	16.14		
15	256QAM	75	0	16.20	16.28	16.30	16.28		
Channel				55290	55815	56165	56690	Tune-up limit	MPR
Frequency (MHz)				3555	3607.5	3642.5	3695	(dBm)	(dB)
10	QPSK	1	0	21.22	21.40	21.23	21.35	22.7	0
10	QPSK	1	25	21.08	21.22	21.10	21.20		
10	QPSK	1	49	21.17	21.25	21.10	21.21		
10	QPSK	25	0	21.28	21.30	21.24	21.26	22.7	0
10	QPSK	25	12	21.02	21.28	21.14	21.13		
10	QPSK	25	25	21.29	21.34	21.23	21.22		
10	QPSK	50	0	21.17	21.24	21.21	21.19		
10	16QAM	1	0	21.18	21.29	21.17	21.08	22.7	0
10	16QAM	1	25	21.09	21.17	21.11	21.08		
10	16QAM	1	49	21.08	21.19	21.17	21.09		
10	16QAM	25	0	20.19	20.30	20.16	20.22	21.7	1
10	16QAM	25	12	20.14	20.22	20.08	20.11		
10	16QAM	25	25	20.10	20.20	20.13	20.19		
10	16QAM	50	0	20.06	20.15	20.12	20.10		
10	64QAM	1	0	20.10	20.30	20.10	20.18	21.7	1
10	64QAM	1	25	20.03	20.19	20.11	20.15		
10	64QAM	1	49	20.07	20.11	20.05	20.03		
10	64QAM	25	0	19.36	19.39	19.40	19.21	20.7	2
10	64QAM	25	12	19.21	19.26	19.25	19.19		
10	64QAM	25	25	19.18	19.26	19.22	19.28		
10	64QAM	50	0	19.30	19.34	19.25	19.21		
10	256QAM	1	0	16.31	16.36	16.32	16.30	17.7	5
10	256QAM	1	25	16.13	16.31	16.13	16.19		
10	256QAM	1	49	16.21	16.31	16.23	16.24		
10	256QAM	25	0	16.23	16.32	16.21	16.19	17.7	5
10	256QAM	25	12	16.12	16.31	16.12	16.27		
10	256QAM	25	25	16.17	16.25	16.14	16.21		
10	256QAM	50	0	16.25	16.28	16.32	16.26		
Channel				55265	55810	56170	56715	Tune-up limit	MPR
Frequency (MHz)				3552.5	3607	3643	3697.5	(dBm)	(dB)
5	QPSK	1	0	21.15	21.33	21.30	21.32	22.7	0
5	QPSK	1	12	21.12	21.24	21.16	21.17		
5	QPSK	1	24	21.12	21.17	21.16	21.19		
5	QPSK	12	0	21.30	21.29	21.26	21.24	22.7	0
5	QPSK	12	7	21.13	21.25	21.10	21.11		
5	QPSK	12	13	21.23	21.35	21.21	21.24		
5	QPSK	25	0	21.20	21.25	21.23	21.12		
5	16QAM	1	0	21.22	21.28	21.21	21.16	22.7	0
5	16QAM	1	12	21.02	21.24	21.05	21.16		
5	16QAM	1	24	21.09	21.19	21.21	21.10		
5	16QAM	12	0	20.14	20.27	20.19	20.20	21.7	1
5	16QAM	12	7	20.15	20.13	20.02	20.15		
5	16QAM	12	13	20.09	20.22	20.23	20.20		
5	16QAM	25	0	20.16	20.14	20.08	20.01		
5	64QAM	1	0	20.08	20.22	20.12	20.14	21.7	1
5	64QAM	1	12	20.12	20.20	20.15	20.16		
5	64QAM	1	24	20.03	20.13	20.09	20.03		
5	64QAM	12	0	19.32	19.44	19.33	19.30	20.7	2
5	64QAM	12	7	19.16	19.24	19.27	19.17		
5	64QAM	12	13	19.29	19.28	19.15	19.33		
5	64QAM	25	0	19.28	19.30	19.16	19.24		
5	256QAM	1	0	16.25	16.44	16.32	16.29	17.7	5
5	256QAM	1	12	16.19	16.32	16.16	16.26		
5	256QAM	1	24	16.21	16.24	16.20	16.25		
5	256QAM	12	0	16.28	16.40	16.29	16.21	17.7	5
5	256QAM	12	7	16.15	16.26	16.20	16.21		
5	256QAM	12	13	16.23	16.23	16.17	16.14		
5	256QAM	25	0	16.22	16.35	16.31	16.26		

GSM1900 Ant4 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	28.94	29.13	29.18	30.50	19.94	20.13	20.18	21.50
GPRS 1 Tx slot	28.88	29.08	29.11	30.50	19.88	20.08	20.11	21.50
GPRS 2 Tx slots	25.92	26.12	26.28	27.50	19.92	20.12	20.28	21.50
GPRS 3 Tx slots	23.87	24.01	24.14	25.70	19.61	19.75	19.88	21.44
GPRS 4 Tx slots	23.12	23.32	23.20	24.50	20.12	20.32	20.20	21.50
EDGE 1 Tx slot	24.68	24.85	24.93	26.50	15.68	15.85	15.93	17.50
EDGE 2 Tx slots	21.96	22.18	22.25	23.50	15.96	16.18	16.25	17.50
EDGE 3 Tx slots	19.96	20.16	20.28	21.70	15.70	15.90	16.02	17.44
EDGE 4 Tx slots	18.63	18.83	18.93	20.50	15.63	15.83	15.93	17.50

		WCDMA II Ant4 Default				WCDMA IV Ant4 DSI 4			
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	23.83	24.00	23.93	25.40	23.41	23.40	23.40	24.60
3GPP Rel 99	RMC 12.2Kbps	23.94	24.08	24.01	25.40	23.50	23.54	23.34	24.60
3GPP Rel 6	HSDPA Subtest-1	22.83	22.98	22.97	24.40	22.41	22.60	22.32	23.60
3GPP Rel 6	HSDPA Subtest-2	22.91	22.97	22.96	24.40	22.51	22.48	22.33	23.60
3GPP Rel 6	HSDPA Subtest-3	22.39	22.52	22.36	23.90	21.70	22.01	21.86	23.10
3GPP Rel 6	HSDPA Subtest-4	22.34	22.47	22.40	23.90	21.80	22.05	21.93	23.10
3GPP Rel 8	DC-HSDPA Subtest-1	22.92	23.07	22.71	24.40	22.46	22.39	22.25	23.60
3GPP Rel 8	DC-HSDPA Subtest-2	22.98	22.97	22.79	23.60	22.35	22.48	22.33	23.60
3GPP Rel 8	DC-HSDPA Subtest-3	22.51	22.54	22.21	23.90	21.83	22.10	21.70	23.10
3GPP Rel 8	DC-HSDPA Subtest-4	22.48	22.59	22.53	23.90	21.98	22.01	21.82	23.10
3GPP Rel 6	HSUPA Subtest-1	22.94	22.99	22.92	24.40	22.30	22.53	22.49	23.60
3GPP Rel 6	HSUPA Subtest-2	20.91	20.96	20.92	22.40	20.39	20.57	20.54	21.60
3GPP Rel 6	HSUPA Subtest-3	21.89	22.04	21.96	23.40	21.44	21.57	21.41	22.60
3GPP Rel 6	HSUPA Subtest-4	20.95	21.01	20.86	22.40	20.32	20.52	20.50	21.60
3GPP Rel 6	HSUPA Subtest-5	22.03	22.99	22.96	24.40	22.38	22.50	22.45	23.60
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.37	20.52	20.37	21.90	20.00	19.94	19.97	21.10

Band 2 Ant4 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	24.46	24.60	24.49	25.5	0
20	QPSK	1	49	24.58	24.54	24.46		
20	QPSK	1	99	24.53	24.47	24.41		
20	QPSK	50	0	24.41	24.48	24.37		
20	QPSK	50	24	24.27	24.29	24.28	25.5	0
20	QPSK	50	50	24.32	24.33	24.25		
20	QPSK	100	0	24.37	24.41	24.34		
20	16QAM	1	0	24.50	24.50	24.52		
20	16QAM	1	49	24.46	24.44	24.43	25.5	0
20	16QAM	1	99	24.47	24.44	24.46		
20	16QAM	50	0	23.48	23.42	23.34		
20	16QAM	50	24	23.40	23.39	23.31	24.5	1
20	16QAM	50	50	23.39	23.34	23.27		
20	16QAM	100	0	23.39	23.40	23.42		
20	64QAM	1	0	23.54	23.48	23.49		
20	64QAM	1	49	23.49	23.40	23.33	24.5	1
20	64QAM	1	99	23.47	23.40	23.32		
20	64QAM	50	0	22.45	22.46	22.48		
20	64QAM	50	24	22.40	22.39	22.32	23.5	2
20	64QAM	50	50	22.48	22.40	22.33		
20	64QAM	100	0	22.48	22.44	22.46		
20	256QAM	1	0	19.74	19.67	19.66		
20	256QAM	1	49	19.61	19.56	19.56	20.5	5
20	256QAM	1	99	19.63	19.63	19.57		
20	256QAM	50	0	19.43	19.45	19.45		
20	256QAM	50	24	19.38	19.40	19.42	20.5	5
20	256QAM	50	50	19.32	19.30	19.32		
20	256QAM	100	0	19.49	19.47	19.41		
Channel				18674.7	18899.58	19124.64	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.2	1879.58	1902.14		
15	QPSK	1	0	24.38	24.46	24.39	25.5	0
15	QPSK	1	37	24.44	24.40	24.41		
15	QPSK	1	74	24.45	24.38	24.32		
15	QPSK	36	0	24.27	24.38	24.27		
15	QPSK	36	20	24.14	24.23	24.18	25.5	0
15	QPSK	36	39	24.17	24.27	24.18		
15	QPSK	75	0	24.33	24.28	24.20		
15	16QAM	1	0	24.46	24.42	24.41		
15	16QAM	1	37	24.32	24.35	24.29	25.5	0
15	16QAM	1	74	24.33	24.36	24.31		
15	16QAM	36	0	23.39	23.28	23.19		
15	16QAM	36	20	23.36	23.28	23.24	24.5	1
15	16QAM	36	39	23.25	23.26	23.22		
15	16QAM	75	0	23.25	23.36	23.35		
15	64QAM	1	0	23.48	23.34	23.41		
15	64QAM	1	37	23.36	23.33	23.27	24.5	1
15	64QAM	1	74	23.40	23.31	23.27		
15	64QAM	36	0	22.31	22.39	22.38		
15	64QAM	36	20	22.35	22.22	22.19	23.5	2
15	64QAM	36	39	22.36	22.32	22.30		
15	64QAM	75	0	22.39	22.35	22.40		
15	256QAM	1	0	19.65	19.54	19.55		
15	256QAM	1	37	19.52	19.42	19.52	20.5	5
15	256QAM	1	74	19.51	19.49	19.43		
15	256QAM	36	0	19.39	19.35	19.37		
15	256QAM	36	20	19.24	19.30	19.29	20.5	5
15	256QAM	36	39	19.25	19.20	19.20		
15	256QAM	75	0	19.43	19.39	19.28		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	24.42	24.46	24.37	25.5	0
10	QPSK	1	25	24.44	24.44	24.32		
10	QPSK	1	49	24.47	24.37	24.28		
10	QPSK	25	0	24.30	24.43	24.27		
10	QPSK	25	12	24.13	24.19	24.15	25.5	0
10	QPSK	25	25	24.24	24.20	24.19		
10	QPSK	50	0	24.34	24.31	24.26		
10	16QAM	1	0	24.45	24.45	24.45		
10	16QAM	1	25	24.41	24.29	24.40	25.5	0
10	16QAM	1	49	24.35	24.34	24.34		
10	16QAM	25	0	23.41	23.36	23.19		
10	16QAM	25	12	23.27	23.24	23.18	24.5	1
10	16QAM	25	25	23.32	23.30	23.23		
10	16QAM	50	0	23.26	23.29	23.29		
10	64QAM	1	0	23.40	23.36	23.45		
10	64QAM	1	25	23.45	23.31	23.28	24.5	1
10	64QAM	1	49	23.34	23.29	23.19		
10	64QAM	25	0	22.42	22.39	22.43		
10	64QAM	25	12	22.26	22.26	22.18	23.5	2
10	64QAM	25	25	22.43	22.26	22.21		
10	64QAM	50	0	22.40	22.31	22.38		
10	256QAM	1	0	19.64	19.55	19.53		
10	256QAM	1	25	19.57	19.53	19.44	20.5	5
10	256QAM	1	49	19.54	19.57	19.46		
10	256QAM	25	0	19.35	19.30	19.31		
10	256QAM	25	12	19.31	19.34	19.39	20.5	5
10	256QAM	25	25	19.21	19.16	19.24		
10	256QAM	50	0	19.35	19.43	19.29		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	24.31	24.56	24.45	25.5	0
5	QPSK	1	12	24.54	24.49	24.40		
5	QPSK	1	24	24.46	24.39	24.27		
5	QPSK	12	0	24.26	24.42	24.28		
5	QPSK	12	7	24.21	24.18	24.24	25.5	0
5	QPSK	12	13	24.18	24.20	24.19		
5	QPSK	25	0	24.31	24.29	24.25		
5	16QAM	1	0	24.39	24.40	24.38		
5	16QAM	1	12	24.37	24.40	24.36	25.5	0
5	16QAM	1	24	24.33	24.40	24.37		
5	16QAM	12	0	23.43	23.36	23.29		
5	16QAM	12	7	23.27	23.24	23.19	24.5	1
5	16QAM	12	13	23.25	23.30	23.15		
5	16QAM	25	0	23.27	23.29	23.34		
5	64QAM	1	0	23.50	23.37	23.38		
5	64QAM	1	12	23.42	23.32	23.21	24.5	1
5	64QAM	1	24	23.42	23.28	23.27		
5	64QAM	12	0	22.33	22.32	22.40		
5	64QAM	12	7	22.33	22.31	22.19	23.5	2
5	64QAM	12	13	22.39	22.31	22.27		
5	64QAM	25	0	22.36	22.38	22.32		
5	256QAM	1	0	19.65	19.60	19.58		
5	256QAM	1	12	19.52	19.42	19.42	20.5	5
5	256QAM	1	24	19.59	19.53	19.53		
5	256QAM	12	0	19.26	19.37	19.36		
5	256QAM	12	7	19.24	19.35	19.27	20.5	5
5	256QAM	12	13	19.27	19.15	19.25		
5	256QAM	25	0	19.45	19.35	19.36		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	24.36	24.54	24.40	25.5	0
3	QPSK	1	8	24.43	24.43	24.36		
3	QPSK	1	14	24.40	24.38	24.34		
3	QPSK	8	0	24.34	24.36	24.32		
3	QPSK	8	4	24.22	24.18	24.20	25.5	0
3	QPSK	8	7	24.19	24.25	24.19		
3	QPSK	15	0	24.27	24.36	24.23		
3	16QAM	1	0	24.44	24.39	24.43		
3	16QAM	1	8	24.34	24.31	24.35	25.5	0
3	16QAM	1	14	24.43	24.33	24.34		
3	16QAM	8	0	23.38	23.38	23.29		
3	16QAM	8	4	23.30	23.36	23.23	24.5	1
3	16QAM	8	7	23.26	23.27	23.20		
3	16QAM	15	0	23.31	23.29	23.34		
3	64QAM	1	0	23.43	23.38	23.41		
3	64QAM	1	8	23.45	23.27	23.26	24.5	1
3	64QAM	1	14	23.43	23.35	23.20		
3	64QAM	8	0	22.40	22.32	22.36		
3	64QAM	8	4	22.29	22.29	22.28	23.5	2
3	64QAM	8	7	22.39	22.31	22.29		
3	64QAM	15	0	22.42	22.34	22.35		
3	256QAM	1	0	19.60	19.61	19.62		
3	256QAM	1	8	19.46	19.43	19.43	20.5	5
3	256QAM	1	14	19.51	19.52	19.50		
3	256QAM	8	0	19.28	19.34	19.35		
3	256QAM	8	4	19.27	19.31	19.30	20.5	5
3	256QAM	8	7	19.21	19.15	19.19		
3	256QAM	15	0	19.37	19.39	19.31		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	24.33	24.46	24.35	25.5	0
1.4	QPSK	1	3	24.54	24.42	24.37		
1.4	QPSK	1	5	24.49	24.44	24.31		
1.4	QPSK	3	0	24.37	24.42	24.26		
1.4	QPSK	3	1	24.16	24.16	24.22		
1.4	QPSK	3	3	24.20	24.24	24.18		
1.4	QPSK	6	0	24.32	24.30	24.22	25.5	0
1.4	16QAM	1	0	24.41	24.44	24.40	25.5	0
1.4	16QAM	1	3	24.37	24.34	24.30		
1.4	16QAM	1	5	24.38	24.39	24.40		
1.4	16QAM	3	0	24.40	24.31	24.22		
1.4	16QAM	3	1	24.34	24.33	24.23		
1.4	16QAM	3	3	24.30	24.20	24.14		
1.4	16QAM	6	0	23.29	23.29	23.34	24.5	1
1.4	64QAM	1	0	23.50	23.44	23.40	24.5	1
1.4	64QAM	1	3	23.44	23.35	23.20		
1.4	64QAM	1	5	23.40	23.34	23.27		
1.4	64QAM	3	0	23.32	23.40	23.36		
1.4	64QAM	3	1	23.27	23.23	23.24		
1.4	64QAM	3	3	23.38	23.30	23.23		
1.4	64QAM	6	0	22.39	22.30	22.32	23.5	2
1.4	256QAM	1	0	19.64	19.56	19.56	20.5	5
1.4	256QAM	1	3	19.49	19.44	19.43		
1.4	256QAM	1	5	19.56	19.59	19.44		
1.4	256QAM	3	0	19.37	19.39	19.31		
1.4	256QAM	3	1	19.25	19.31	19.30		
1.4	256QAM	3	3	19.18	19.16	19.19		
1.4	256QAM	6	0	19.39	19.34	19.26	20.5	5

Band 4 Ant4 DSI 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	23.38	23.69	23.46	24.2	0
20	QPSK	1	49	23.38	23.67	23.47		
20	QPSK	1	99	23.38	23.66	23.58		
20	QPSK	50	0	23.56	23.62	23.56		
20	QPSK	50	24	23.38	23.53	23.35	24.2	0
20	QPSK	50	50	23.55	23.58	23.51		
20	QPSK	100	0	23.54	23.59	23.48		
20	16QAM	1	0	23.57	23.61	23.48		
20	16QAM	1	49	23.53	23.41	23.37	24.2	0
20	16QAM	1	99	23.40	23.49	23.57		
20	16QAM	50	0	23.37	23.48	23.40		
20	16QAM	50	24	23.15	23.35	23.24	24.2	0
20	16QAM	50	50	23.46	23.29	23.42		
20	16QAM	100	0	23.34	23.31	23.32		
20	64QAM	1	0	23.46	23.52	23.24		
20	64QAM	1	49	23.33	23.32	23.11	24.2	0
20	64QAM	1	99	23.34	23.25	23.45		
20	64QAM	50	0	22.82	23.06	22.86		
20	64QAM	50	24	22.76	22.95	22.79	23.7	0.5
20	64QAM	50	50	22.83	22.94	22.95		
20	64QAM	100	0	22.82	22.99	22.83		
20	256QAM	1	0	19.68	19.96	19.72		
20	256QAM	1	49	19.64	19.82	19.74	20.7	3.5
20	256QAM	1	99	19.77	19.87	19.85		
20	256QAM	50	0	19.73	19.92	19.81		
20	256QAM	50	24	19.66	19.71	19.65	20.7	3.5
20	256QAM	50	50	19.73	19.77	19.72		
20	256QAM	100	0	19.82	19.74	19.73		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	23.34	23.64	23.44	24.2	0
15	QPSK	1	37	23.35	23.57	23.44		
15	QPSK	1	74	23.54	23.64	23.57		
15	QPSK	36	0	23.46	23.60	23.49		
15	QPSK	36	20	23.36	23.45	23.32	24.2	0
15	QPSK	36	39	23.51	23.51	23.49		
15	QPSK	75	0	23.46	23.50	23.41		
15	16QAM	1	0	23.48	23.55	23.45		
15	16QAM	1	37	23.52	23.42	23.29	24.2	0
15	16QAM	1	74	23.37	23.41	23.53		
15	16QAM	36	0	23.32	23.40	23.37		
15	16QAM	36	20	23.09	23.32	23.22	24.2	0
15	16QAM	36	39	23.38	23.22	23.38		
15	16QAM	75	0	23.29	23.29	23.31		
15	64QAM	1	0	23.44	23.48	23.20		
15	64QAM	1	37	23.28	23.26	23.05	24.2	0
15	64QAM	1	74	23.29	23.20	23.37		
15	64QAM	36	0	22.72	22.94	22.78		
15	64QAM	36	20	22.63	22.73	22.62	23.7	0.5
15	64QAM	36	39	22.76	22.84	22.83		
15	64QAM	75	0	22.66	22.82	22.72		
15	256QAM	1	0	19.58	19.76	19.56		
15	256QAM	1	37	19.53	19.61	19.66	20.7	3.5
15	256QAM	1	74	19.55	19.69	19.64		
15	256QAM	36	0	19.64	19.84	19.60		
15	256QAM	36	20	19.54	19.61	19.52	20.7	3.5
15	256QAM	36	39	19.54	19.64	19.56		
15	256QAM	75	0	19.74	19.62	19.64		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	23.38	23.67	23.41	24.2	0
10	QPSK	1	25	23.34	23.62	23.45		
10	QPSK	1	49	23.55	23.65	23.54		
10	QPSK	25	0	23.46	23.55	23.49		
10	QPSK	25	12	23.37	23.49	23.33	24.2	0
10	QPSK	25	25	23.50	23.52	23.49		
10	QPSK	50	0	23.48	23.51	23.40		
10	16QAM	1	0	23.52	23.56	23.43		
10	16QAM	1	25	23.46	23.38	23.30	24.2	0
10	16QAM	1	49	23.39	23.42	23.52		
10	16QAM	25	0	23.29	23.41	23.32		
10	16QAM	25	12	23.08	23.31	23.19	24.2	0
10	16QAM	25	25	23.38	23.23	23.36		
10	16QAM	50	0	23.29	23.26	23.28		
10	64QAM	1	0	23.42	23.45	23.23		
10	64QAM	1	25	23.23	23.22	23.02	24.2	0
10	64QAM	1	49	23.26	23.23	23.38		
10	64QAM	25	0	22.75	22.99	22.73		
10	64QAM	25	12	22.61	22.75	22.64	23.7	0.5
10	64QAM	25	25	22.67	22.74	22.76		
10	64QAM	50	0	22.71	22.84	22.63		
10	256QAM	1	0	19.58	19.85	19.52		
10	256QAM	1	25	19.47	19.68	19.66	20.7	3.5
10	256QAM	1	49	19.56	19.71	19.67		
10	256QAM	25	0	19.54	19.77	19.60		
10	256QAM	25	12	19.52	19.69	19.46	20.7	3.5
10	256QAM	25	25	19.59	19.69	19.52		
10	256QAM	50	0	19.72	19.60	19.60		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	23.35	23.65	23.43	24.2	0
5	QPSK	1	12	23.33	23.60	23.41		
5	QPSK	1	24	23.55	23.64	23.57		
5	QPSK	12	0	23.46	23.60	23.50		
5	QPSK	12	7	23.34	23.45	23.32	24.2	0
5	QPSK	12	13	23.53	23.51	23.47		
5	QPSK	25	0	23.47	23.52	23.43		
5	16QAM	1	0	23.48	23.57	23.41		
5	16QAM	1	12	23.49	23.41	23.28	24.2	0
5	16QAM	1	24	23.35	23.46	23.50		
5	16QAM	12	0	23.27	23.41	23.32		
5	16QAM	12	7	23.11	23.33	23.18	24.2	0
5	16QAM	12	13	23.40	23.21	23.38		
5	16QAM	25	0	23.28	23.24	23.32		
5	64QAM	1	0	23.40	23.49	23.18		
5	64QAM	1	12	23.26	23.28	23.04	24.2	0
5	64QAM	1	24	23.28	23.23	23.37		
5	64QAM	12	0	22.70	22.87	22.79		
5	64QAM	12	7	22.59	22.80	22.63	23.7	0.5
5	64QAM	12	13	22.67	22.86	22.87		
5	64QAM	25	0	22.67	22.82	22.68		
5	256QAM	1	0	19.61	19.87	19.58		
5	256QAM	1	12	19.44	19.72	19.53	20.7	3.5
5	256QAM	1	24	19.60	19.71	19.65		
5	256QAM	12	0	19.59	19.76	19.61		
5	256QAM	12	7	19.57	19.50	19.49	20.7	3.5
5	256QAM	12	13	19.64	19.62	19.58		
5	256QAM	25	0	19.74	19.63	19.55		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	23.35	23.68	23.42	24.2	0
3	QPSK	1	8	23.37	23.58	23.40		
3	QPSK	1	14	23.55	23.61	23.52		
3	QPSK	8	0	23.49	23.56	23.50		
3	QPSK	8	4	23.34	23.45	23.33	24.2	0
3	QPSK	8	7	23.55	23.54	23.46		
3	QPSK	15	0	23.50	23.50	23.41		
3	16QAM	1	0	23.47	23.56	23.44		
3	16QAM	1	8	23.46	23.40	23.28	24.2	0
3	16QAM	1	14	23.37	23.45	23.47		
3	16QAM	8	0	23.32	23.40	23.34		
3	16QAM	8	4	23.09	23.31	23.19	24.2	0
3	16QAM	8	7	23.36	23.24	23.33		
3	16QAM	15	0	23.33	23.24	23.28		
3	64QAM	1	0	23.44	23.46	23.22		
3	64QAM	1	8	23.24	23.23	23.07	24.2	0
3	64QAM	1	14	23.24	23.20	23.39		
3	64QAM	8	0	22.68	22.89	22.73		
3	64QAM	8	4	22.64	22.78	22.57	23.7	0.5
3	64QAM	8	7	22.60	22.83	22.85		
3	64QAM	15	0	22.68	22.81	22.71		
3	256QAM	1	0	19.58	19.87	19.53		
3	256QAM	1	8	19.46	19.61	19.56	20.7	3.5
3	256QAM	1	14	19.65	19.79	19.63		
3	256QAM	8	0	19.61	19.78	19.66		
3	256QAM	8	4	19.59	19.49	19.58	20.7	3.5
3	256QAM	8	7	19.54	19.63	19.63		
3	256QAM	15	0	19.74	19.55	19.52		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	23.37	23.65	23.42	24.2	0
1.4	QPSK	1	3	23.36	23.61	23.42		
1.4	QPSK	1	5	23.51	23.64	23.56		
1.4	QPSK	3	0	23.36	23.65	23.41		
1.4	QPSK	3	1	23.33	23.60	23.44		
1.4	QPSK	3	3	23.51	23.60	23.57		
1.4	QPSK	6	0	23.50	23.61	23.52	24.2	0
1.4	16QAM	1	0	23.34	23.46	23.32	24.2	0
1.4	16QAM	1	3	23.53	23.50	23.45		
1.4	16QAM	1	5	23.47	23.53	23.45		
1.4	16QAM	3	0	23.51	23.57	23.42		
1.4	16QAM	3	1	23.50	23.41	23.32		
1.4	16QAM	3	3	23.38	23.41	23.50		
1.4	16QAM	6	0	23.31	23.38	23.35	24.2	0
1.4	64QAM	1	0	23.09	23.33	23.22	24.2	0
1.4	64QAM	1	3	23.41	23.22	23.35		
1.4	64QAM	1	5	23.30	23.27	23.32		
1.4	64QAM	3	0	23.40	23.49	23.24		
1.4	64QAM	3	1	23.29	23.26	23.05		
1.4	64QAM	3	3	23.23	23.22	23.39		
1.4	64QAM	6	0	22.73	22.86	22.75	23.7	0.5
1.4	256QAM	1	0	19.58	19.88	19.62	20.7	3.5
1.4	256QAM	1	3	19.45	19.69	19.54		
1.4	256QAM	1	5	19.66	19.68	19.64		
1.4	256QAM	3	0	19.51	19.70	19.63		
1.4	256QAM	3	1	19.58	19.49	19.47		
1.4	256QAM	3	3	19.56	19.70	19.57		
1.4	256QAM	6	0	19.65	19.52	19.58	20.7	3.5

Band 7 Ant4 Default

BW [MHz]	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	25.05	25.18	25.12	25.7	0
20	QPSK	1	49	24.98	25.10	25.05		
20	QPSK	1	99	24.92	24.98	24.94		
20	QPSK	50	0	24.79	25.06	24.99		
20	QPSK	50	24	24.84	24.94	24.87	25.7	0
20	QPSK	50	50	24.82	24.93	24.79		
20	QPSK	100	0	24.86	25.03	24.92		
20	16QAM	1	0	24.70	24.92	24.87		
20	16QAM	1	49

Band 25 Ant4 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	24.45	24.66	24.51		
20	QPSK	1	49	24.46	24.58	24.49	25.5	0
20	QPSK	1	99	24.38	24.50	24.36		
20	QPSK	50	0	24.40	24.51	24.42		
20	QPSK	50	24	24.32	24.36	24.32	25.5	0
20	QPSK	50	50	24.40	24.46	24.36		
20	QPSK	100	0	24.38	24.50	24.47		
20	16QAM	1	0	24.45	24.54	24.45		
20	16QAM	1	49	24.35	24.40	24.34	25.5	0
20	16QAM	1	99	24.45	24.50	24.41		
20	16QAM	50	0	23.34	23.38	23.24		
20	16QAM	50	24	23.20	23.29	23.16	24.5	1
20	16QAM	50	50	23.30	23.34	23.20		
20	16QAM	100	0	23.36	23.49	23.38		
20	64QAM	1	0	23.39	23.53	23.40		
20	64QAM	1	49	23.34	23.39	23.29	24.5	1
20	64QAM	1	99	23.28	23.41	23.27		
20	64QAM	50	0	22.31	22.34	22.29		
20	64QAM	50	24	22.22	22.27	22.12	23.5	2
20	64QAM	50	50	22.14	22.20	22.12		
20	64QAM	100	0	22.30	22.39	22.33		
20	256QAM	1	0	19.37	19.44	19.38		
20	256QAM	1	49	19.15	19.30	19.23	20.5	5
20	256QAM	1	99	19.25	19.38	19.33		
20	256QAM	50	0	19.27	19.40	19.34		
20	256QAM	50	24	19.25	19.30	19.17	20.5	5
20	256QAM	50	50	19.16	19.31	19.25		
20	256QAM	100	0	19.36	19.48	19.38		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	24.39	24.61	24.37		
15	QPSK	1	37	24.35	24.49	24.37	25.5	0
15	QPSK	1	74	24.27	24.35	24.23		
15	QPSK	36	0	24.32	24.46	24.33		
15	QPSK	36	20	24.27	24.22	24.18	25.5	0
15	QPSK	36	39	24.32	24.33	24.30		
15	QPSK	75	0	24.24	24.39	24.39		
15	16QAM	1	0	24.38	24.43	24.42		
15	16QAM	1	37	24.25	24.26	24.27	25.5	0
15	16QAM	1	74	24.39	24.39	24.31		
15	16QAM	36	0	23.27	23.31	23.14		
15	16QAM	36	20	23.15	23.15	23.12	24.5	1
15	16QAM	36	39	23.17	23.26	23.17		
15	16QAM	75	0	23.24	23.46	23.31		
15	64QAM	1	0	23.33	23.49	23.30		
15	64QAM	1	37	23.25	23.29	23.18	24.5	1
15	64QAM	1	74	23.13	23.30	23.18		
15	64QAM	36	0	22.19	22.26	22.21		
15	64QAM	36	20	22.11	22.21	22.00	23.5	2
15	64QAM	36	39	22.06	22.07	21.99		
15	64QAM	75	0	22.26	22.30	22.19		
15	256QAM	1	0	19.27	19.33	19.26		
15	256QAM	1	37	19.04	19.19	19.14	20.5	5
15	256QAM	1	74	19.15	19.32	19.19		
15	256QAM	36	0	19.17	19.36	19.28		
15	256QAM	36	20	19.22	19.23	19.02	20.5	5
15	256QAM	36	39	19.12	19.21	19.14		
15	256QAM	75	0	19.30	19.44	19.35		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	24.35	24.52	24.42		
10	QPSK	1	25	24.36	24.47	24.42	25.5	0
10	QPSK	1	49	24.32	24.39	24.24		
10	QPSK	25	0	24.33	24.45	24.34		
10	QPSK	25	12	24.19	24.31	24.26	25.5	0
10	QPSK	25	25	24.26	24.40	24.29		
10	QPSK	50	0	24.27	24.46	24.41		
10	16QAM	1	0	24.38	24.51	24.30		
10	16QAM	1	25	24.31	24.27	24.23	25.5	0
10	16QAM	1	49	24.40	24.40	24.36		
10	16QAM	25	0	23.30	23.26	23.17		
10	16QAM	25	12	23.12	23.16	23.05	24.5	1
10	16QAM	25	25	23.20	23.31	23.14		
10	16QAM	50	0	23.29	23.42	23.32		
10	64QAM	1	0	23.30	23.38	23.27		
10	64QAM	1	25	23.31	23.27	23.22	24.5	1
10	64QAM	1	49	23.14	23.34	23.17		
10	64QAM	25	0	22.18	22.30	22.21		
10	64QAM	25	12	22.14	22.21	21.98	23.5	2
10	64QAM	25	25	22.06	22.17	21.97		
10	64QAM	50	0	22.16	22.32	22.24		
10	256QAM	1	0	19.26	19.32	19.31		
10	256QAM	1	25	19.04	19.24	19.13	20.5	5
10	256QAM	1	49	19.20	19.28	19.29		
10	256QAM	25	0	19.20	19.28	19.23		
10	256QAM	25	12	19.12	19.18	19.13	20.5	5
10	256QAM	25	25	19.13	19.18	19.22		
10	256QAM	50	0	19.25	19.38	19.31		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	24.37	24.60	24.46		
5	QPSK	1	12	24.39	24.45	24.35	25.5	0
5	QPSK	1	24	24.35	24.37	24.30		
5	QPSK	12	0	24.33	24.38	24.33		
5	QPSK	12	7	24.19	24.26	24.22	25.5	0
5	QPSK	12	13	24.35	24.38	24.30		
5	QPSK	25	0	24.25	24.42	24.37		
5	16QAM	1	0	24.31	24.46	24.42		
5	16QAM	1	12	24.32	24.25	24.21	25.5	0
5	16QAM	1	24	24.40	24.35	24.31		
5	16QAM	12	0	23.29	23.33	23.16		
5	16QAM	12	7	23.09	23.21	23.09	24.5	1
5	16QAM	12	13	23.23	23.27	23.12		
5	16QAM	25	0	23.33	23.43	23.24		
5	64QAM	1	0	23.25	23.49	23.37		
5	64QAM	1	12	23.27	23.27	23.19	24.5	1
5	64QAM	1	24	23.15	23.29	23.23		
5	64QAM	12	0	22.22	22.22	22.16		
5	64QAM	12	7	22.19	22.21	22.00	23.5	2
5	64QAM	12	13	22.06	22.16	22.00		
5	64QAM	25	0	22.20	22.35	22.23		
5	256QAM	1	0	19.32	19.37	19.31		
5	256QAM	1	12	19.09	19.22	19.10	20.5	5
5	256QAM	1	24	19.20	19.27	19.22		
5	256QAM	12	0	19.12	19.30	19.25		
5	256QAM	12	7	19.21	19.20	19.14	20.5	5
5	256QAM	12	13	19.12	19.22	19.17		
5	256QAM	25	0	19.32	19.45	19.25		
Channel				26045	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	24.38	24.63	24.37		
3	QPSK	1	8	24.35	24.46	24.35	25.5	0
3	QPSK	1	14	24.34	24.47	24.24		
3	QPSK	8	0	24.26	24.37	24.28		
3	QPSK	8	4	24.18	24.28	24.18	25.5	0
3	QPSK	8	7	24.32	24.31	24.30		
3	QPSK	15	0	24.35	24.41	24.41		
3	16QAM	1	0	24.41	24.39	24.40		
3	16QAM	1	8	24.30	24.30	24.22	25.5	0
3	16QAM	1	14	24.36	24.39	24.30		
3	16QAM	8	0	23.28	23.29	23.19		
3	16QAM	8	4	23.08	23.25	23.12	24.5	1
3	16QAM	8	7	23.20	23.22	23.08		
3	16QAM	15	0	23.21	23.39	23.31		
3	64QAM	1	0	23.32	23.38	23.35		
3	64QAM	1	8	23.26	23.26	23.21	24.5	1
3	64QAM	1	14	23.22	23.35	23.23		
3	64QAM	8	0	22.19	22.20	22.22		
3	64QAM	8	4	22.18	22.13	21.98	23.5	2
3	64QAM	8	7	22.09	22.07	22.00		
3	64QAM	15	0	22.20	22.28	22.18		
3	256QAM	1	0	19.29	19.36	19.34		
3	256QAM	1	8	19.12	19.24	19.20	20.5	5
3	256QAM	1	14	19.13	19.31	19.20		
3	256QAM	8	0	19.15	19.37	19.27		
3	256QAM	8	4	19.15	19.24	19.05	20.5	5
3	256QAM	8	7	19.06	19.26	19.20		
3	256QAM	15	0	19.33	19.40	19.27		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	24.33	24.59	24.42		
1.4	QPSK	1	3	24.33	24.49	24.46		
1.4	QPSK	1	5	24.35	24.46	24.23	25.5	0
1.4	QPSK	3	0	24.31	24.37	24.30		
1.4	QPSK	3	1	24.28	24.33	24.21		
1.4	QPSK	3	3	24.31	24.41	24.30		
1.4	QPSK	6	0	24.36	24.40	24.36	25.5	0
1.4	16QAM	1	0	24.36	24.39	24.33		
1.4	16QAM	1	3	24.23	24.32	24.20		
1.4	16QAM	1	5	24.34	24.35	24.27	25.5	0
1.4	16QAM	3	0	24.23	24.26	24.19		
1.4	16QAM	3	1	24.15	24.19	24.12		
1.4	16QAM	3	3	24.25	24.22	24.15		
1.4	16QAM	6	0	23.28	23.38	23.26	24.5	1
1.4	64QAM	1	0	23.25	23.40	23.29		
1.4	64QAM	1	3	23.26	23.30	23.17		
1.4	64QAM	1	5	23.17	23.28	23.22	24.5	1
1.4	64QAM	3	0	23.20	23.20	23.16		
1.4	64QAM	3	1	23.17	23.15	23.00		
1.4	64QAM	3	3	23.00	23.07	23.07		
1.4	64QAM	6	0	22.25	22.25	22.18	23.5	2
1.4	256QAM	1	0	19.27	19.30	19.31		
1.4	256QAM	1	3	19.10	19.17	19.19		
1.4	256QAM	1	5	19.21	19.33	19.21	20.5	5
1.4	256QAM	3	0	19.23	19.31	19.29		
1.4	256QAM	3	1	19.20	19.21	19.03		
1.4	256QAM	3	3	19.07	19.20	19.14		
1.4	256QAM	6	0	19.29	19.39	19.30	20.5	5

Band 66 Ant4 Default

BW [MHz]	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	24.00	24.10	23.87		
20	QPSK	1	49	23.98	24.01	23.87	24.7	0
20	QPSK	1	99	23.94	24.07	23.99		
20	QPSK	50	0	23.92	24.06	24.01		
20	QPSK	50	24	23.79	23.91	23.83	24.7	0
20	QPSK	50	50	23.91	24.03	23.96		
20	QPSK	100	0	23.89	23.98	23.89		
20	16QAM	1	0	23.96	24.04	23.96		
20	16QAM	1	49	23.90	23.98	23.84	24.7	0
20	16QAM	1	99	23.90	23.97	23.86		
20	16QAM	50	0	23.02	23.06	22.96		
20	16QAM	50	24	23.00	23.03	22.95	23.7	1
20	16QAM	50	50	22.85	22.99	22.92		
20	16QAM	100	0	22.92	22.97	22.91		
20	64QAM	1	0	23.06	23.14	23.09		
20	64QAM	1	49	23.02	23.06	22.97	23.7	1
20	64QAM	1	99	22.98	23.02	22.94		
20	64QAM	50	0	21.90	22.01	21.94		
20	64QAM	50	24	21.91	21.95	21.82	22.7	2
20	64QAM	50	50	21.77	21.87	21.78		
20	64QAM	100	0	21.91	21.95	21.89		
20	256QAM	1	0	18.94	19.07	19.00		
20	256QAM	1	49	18.88	19.01	18.90	19.7	5
20	256QAM	1	99	18.95	19.04	18.95		
20	256QAM	50	0	18.89	18.94	18.90		
20	256QAM	50	24	18.66	18.79	18.67	19.7	5
20	256QAM	50	50	18.76	18.88	18.78		
20	256QAM	100	0	18.94	19.05	18.98		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	23.95	24.00	23.74		
15	QPSK	1	37	23.89	23.91	23.83	24.7	0
15	QPSK	1	74	23.91	23.96	23.86		
15	QPSK	36	0	23.81	24.00	23.88		
15	QPSK	36	20	23.70	23.78	23.69	24.7	0
15	QPSK	36	39	23.84	23.97	23.82		
15	QPSK	75	0	23.85	23.90	23.85		
15	16QAM	1	0	23.87	23.94	23.90		
15	16QAM	1	37	23.77	23.91	23.69	24.7	0
15	16QAM	1	74	23.77	23.91	23.73		
15	16QAM	36	0	22.92	22.94	22.83		
15	16QAM	36	20	22.92	22.95	22.90	23.7	1
15	16QAM	36	39	22.77	22.92	22.85		
15	16QAM	75	0	22.81	22.93	22.78		
15	64QAM	1	0	23.02	22.99	22.97		
15	64QAM	1	37	22.97	22.99	22.93	23.7	1
15	64QAM	1	74	22.85	22.96	22.82		
15	64QAM	36	0	21.81	21.90	21.89		
15	64QAM	36	20	21.77	21.87	21.78	22.7	2
15	64QAM	36	39	21.67	21.72	21.71		
15	64QAM	75	0	21.84	21.90	21.75		
15	256QAM	1	0	18.87	18.97	18.95		
15	256QAM	1	37	18.77	18.96	18.84	19.7	5
15	256QAM	1	74	18.84	19.00	18.85		
15	256QAM	36	0	18.84	18.81	18.76		
15	256QAM	36	20	18.56	18.75	18.61	19.7	5
15	256QAM	36	39	18.70	18.85	18.72		
15	256QAM	75	0	18.79	18.94	18.84		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	23.92	23.98	23.77		
10	QPSK	1	25	23.84	23.96	23.75	24.7	0
10	QPSK	1	49	23.87	23.93	23.86		
10	QPSK	25	0	23.87	23.96	23.95		
10	QPSK	25	12	23.66	23.85	23.74	24.7	0
10	QPSK	25	25	23.80	23.94	23.83		
10	QPSK	50	0	23.83	23.88	23.84		
10	16QAM	1	0	23.90	23.95	23.92		
10	16QAM	1	25	23.82	23.84	23.76	24.7	0
10	16QAM	1	49	23.77	23.88	23.81		
10	16QAM	25	0	22.91	22.95	22.83		
10	16QAM	25	12	22.92	22.98	22.92	23.7	1
10	16QAM	25	25	22.74	22.88	22.80		
10	16QAM	50	0	22.82	22.92	22.77		
10	64QAM	1	0	23.01	23.06	22.99		
10	64QAM	1	25	22.97	23.03	22.92	23.7	1
10	64QAM	1	49	22.85	22.98	22.88		
10	64QAM	25	0	21.85	21.91	21.83		
10	64QAM	25	12	21.84	21.86	21.78	22.7	2
10	64QAM	25	25	21.68	21.74	21.67		
10	64QAM	50	0	21.77	21.80	21.78		
10	256QAM	1	0	18.80	18.95	18.92		
10	256QAM	1	25	18.77	18.86	18.84	19.7	5
10	256QAM	1	49	18.88	18.98	18.86		
10	256QAM	25	0	18.85	18.81	18.77		
10	256QAM	25	12	18.52	18.74	18.58	19.7	5
10	256QAM	25	25	18.63	18.75	18.67		
10	256QAM	50	0	18.86	18.96	18.83		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	23.92	23.96	23.83		
5	QPSK	1	12	23.83	23.88	23.76	24.7	0
5	QPSK	1	24	23.85	23.95	23.94		
5	QPSK	12	0	23.89	23.96	23.93		
5	QPSK	12	7	23.75	23.82	23.69	24.7	0
5	QPSK	12	13	23.84	23.90	23.86		
5	QPSK	25	0	23.80	23.86	23.75		
5	16QAM	1	0	23.86	23.99	23.86		
5	16QAM	1	12	23.75	23.85	23.69	24.7	0
5	16QAM	1	24	23.77	23.85	23.82		
5	16QAM	12	0	22.93	23.00	22.90		
5	16QAM	12	7	22.87	22.96	22.85	23.7	1
5	16QAM	12	13	22.78	22.94	22.80		
5	16QAM	25	0	22.78	22.91	22.85		
5	64QAM	1	0	23.00	23.09	23.03		
5	64QAM	1	12	22.98	22.95	22.84	23.7	1
5	64QAM	1	24	22.83	22.94	22.87		
5	64QAM	12	0	21.84	21.96	21.89		
5	64QAM	12	7	21.85	21.85	21.75	22.7	2
5	64QAM	12	13	21.63	21.84	21.73		
5	64QAM	25	0	21.87	21.91	21.81		
5	256QAM	1	0	18.85	18.95	18.94		
5	256QAM	1	12	18.78	18.93	18.82	19.7	5
5	256QAM	1	24	18.86	18.92	18.87		
5	256QAM	12	0	18.75	18.80	18.76		
5	256QAM	12	7	18.59	18.73	18.63	19.7	5
5	256QAM	12	13	18.65	18.84	18.75		
5	256QAM	25	0	18.84	18.90	18.94		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	23.88	24.06	23.81		
3	QPSK	1	8	23.92	23.93	23.79	24.7	0
3	QPSK	1	14	23.91	24.03	23.86		
3	QPSK	8	0	23.73	23.98	23.94		
3	QPSK	8	4	23.65	23.84	23.69	24.7	0
3	QPSK	8	7	23.81	23.95	23.84		
3	QPSK	15	0	23.84	23.87	23.82		
3	16QAM	1	0	23.90	23.91	23.85		
3	16QAM	1	8	23.86	23.92	23.75	24.7	0
3	16QAM	1	14	23.82	23.83	23.78		
3	16QAM	8	0	22.95	22.99	22.82		
3	16QAM	8	4	22.92	22.96	22.85	23.7	1
3	16QAM	8	7	22.74	22.88	22.83		
3	16QAM	15	0	22.86	22.85	22.88		
3	64QAM	1	0	22.91	23.10	23.00		
3	64QAM	1	8	22.98	22.94	22.82	23.7	1
3	64QAM	1	14	22.87	22.94	22.79		
3	64QAM	8	0	21.76	21.90	21.86		
3	64QAM	8	4	21.82	21.82	21.71	22.7	2
3	64QAM	8	7	21.74	21.72	21.73		
3	64QAM	15	0	21.86	21.84	21.83		
3	256QAM	1	0	18.86	18.93	18.89		
3	256QAM	1	8	18.81	18.92	18.80	19.7	5
3	256QAM	1	14	18.81	18.95	18.83		
3	256QAM	8	0	18.78	18.87	18.76		
3	256QAM	8	4	18.51	18.71	18.60	19.7	5
3	256QAM	8	7	18.70	18.74	18.69		
3	256QAM	15	0	18.81	18.95	18.94		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	23.91	24.04	23.77		
1.4	QPSK	1	3	23.87	23.87	23.74		
1.4	QPSK	1	5	23.83	24.03	23.85	24.7	0
1.4	QPSK	3	0	23.77	23.97	23.90		
1.4	QPSK	3	1	23.65	23.82	23.78		
1.4	QPSK	3	3	23.88	23.98	23.92		
1.4	QPSK	6	0	23.83	23.94	23.80	24.7	0
1.4	16QAM	1	0	23.92	23.91	23.91		
1.4	16QAM	1	3	23.77	23.88	23.79		
1.4	16QAM	1	5	23.81	23.88	23.73	24.7	0
1.4	16QAM	3	0	23.95	23.99	23.86		
1.4	16QAM	3	1	23.95	23.98	23.86		
1.4	16QAM	3	3	23.73	23.87	23.80		
1.4	16QAM	6	0	22.86	22.83	22.86	23.7	1
1.4	64QAM	1	0	22.91	23.04	22.94		
1.4	64QAM	1	3	22.89	23.02	22.90		
1.4	64QAM	1	5	22.88	22.95	22.88	23.7	1
1.4	64QAM	3	0	22.86	22.91	22.90		
1.4	64QAM	3	1	22.82	22.88	22.70		
1.4	64QAM	3	3	22.72	22.77	22.85		
1.4	64QAM	6	0	21.82	21.91	21.79	22.7	2
1.4	256QAM	1	0	18.89	19.00	18.96		
1.4	256QAM	1	3	18.83	18.94	18.78		
1.4	256QAM	1	5	18.81	19.00	18.88	19.7	5
1.4	256QAM	3	0	18.83	18.80	18.79		
1.4	256QAM	3	1	18.52	18.74	18.56		
1.4	256QAM	3	3	18.70	18.85	18.71		
1.4	256QAM	6	0	18.88	18.91	18.94	19.7	5

Band 38 Ant4 Default

BW [MHz]	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	25.14	25.16	25.06	25.7	0
20	QPSK	1	49	24.97	25.06	24.93		
20	QPSK	1	99	24.80	24.94	24.85		
20	QPSK	50	0	25.05	25.14	25.04	25.7	0
20	QPSK	50	24	24.93	25.07	25.02		
20	QPSK	50	50	25.05	25.13	25.06		
20	QPSK	100	0	24.99	25.10	25.05		
20	16QAM	1	0	25.07	25.11	25.05	25.7	0
20	16QAM	1	49	24.97	25.10	24.99		
20	16QAM	1	99	24.95	25.09	25.02		
20	16QAM	50	0	24.03	24.18	24.13	24.7	1
20	16QAM	50	24	24.01	24.12	24.00		
20	16QAM	50	50	23.95	24.09	23.97		
20	16QAM	100	0	24.14	24.19	24.12		
20	64QAM	1	0	24.09	24.22	24.13	24.7	1
20	64QAM	1	49	24.13	24.18	24.10		
20	64QAM	1	99	24.05	24.19	24.06		
20	64QAM	50	0	23.16	23.20	23.17	23.7	2
20	64QAM	50	24	23.03	23.12	23.03		
20	64QAM	50	50	23.08	23.17	23.10		
20	64QAM	100	0	23.08	23.17	23.09		
20	256QAM	1	0	20.10	20.13	20.10	20.7	5
20	256QAM	1	49	19.98	20.05	19.99		
20	256QAM	1	99	19.88	20.00	19.95		
20	256QAM	50	0	20.10	20.19	20.09	20.7	5
20	256QAM	50	24	20.01	20.06	19.99		
20	256QAM	50	50	19.97	20.11	20.07		
20	256QAM	100	0	20.06	20.14	20.07		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	25.07	25.14	24.94	25.7	0
15	QPSK	1	37	24.86	24.97	24.79		
15	QPSK	1	74	24.66	24.84	24.76		
15	QPSK	36	0	24.95	25.00	24.94	25.7	0
15	QPSK	36	20	24.78	25.00	24.97		
15	QPSK	36	39	25.01	25.04	24.95		
15	QPSK	75	0	24.94	25.01	24.97		
15	16QAM	1	0	25.01	25.04	24.94	25.7	0
15	16QAM	1	37	24.90	25.04	24.92		
15	16QAM	1	74	24.84	25.02	24.89		
15	16QAM	36	0	23.96	24.14	24.06	24.7	1
15	16QAM	36	20	23.92	24.05	23.94		
15	16QAM	36	39	23.82	24.00	23.91		
15	16QAM	75	0	24.03	24.05	24.07		
15	64QAM	1	0	24.03	24.14	24.02	24.7	1
15	64QAM	1	37	24.09	24.13	23.96		
15	64QAM	1	74	23.99	24.14	24.00		
15	64QAM	36	0	23.11	23.06	23.04	23.7	2
15	64QAM	36	20	22.92	23.06	22.99		
15	64QAM	36	39	22.93	23.07	23.02		
15	64QAM	75	0	23.01	23.06	23.03		
15	256QAM	1	0	20.03	20.04	19.95	20.7	5
15	256QAM	1	37	19.86	19.97	19.86		
15	256QAM	1	74	19.82	19.93	19.90		
15	256QAM	36	0	20.03	20.04	20.00	20.7	5
15	256QAM	36	20	19.96	19.92	19.84		
15	256QAM	36	39	19.88	20.06	19.93		
15	256QAM	75	0	20.02	20.05	20.03		
Channel				37600	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	25.01	25.08	24.98	25.7	0
10	QPSK	1	25	24.91	25.02	24.88		
10	QPSK	1	49	24.72	24.89	24.82		
10	QPSK	25	0	24.97	25.10	24.97	25.7	0
10	QPSK	25	12	24.82	24.98	24.93		
10	QPSK	25	25	24.92	25.09	24.97		
10	QPSK	50	0	24.84	25.04	24.93		
10	16QAM	1	0	24.98	25.07	24.90	25.7	0
10	16QAM	1	25	24.86	25.06	24.92		
10	16QAM	1	49	24.85	25.00	24.96		
10	16QAM	25	0	23.97	24.11	24.08	24.7	1
10	16QAM	25	12	23.94	24.01	23.91		
10	16QAM	25	25	23.89	23.97	23.86		
10	16QAM	50	0	24.11	24.15	24.05		
10	64QAM	1	0	24.04	24.08	24.05	24.7	1
10	64QAM	1	25	24.04	24.04	24.05		
10	64QAM	1	49	23.97	24.13	23.96		
10	64QAM	25	0	23.04	23.15	23.13	23.7	2
10	64QAM	25	12	23.00	23.07	22.89		
10	64QAM	25	25	22.95	23.05	23.02		
10	64QAM	50	0	22.96	23.03	23.04		
10	256QAM	1	0	20.03	20.05	19.97	20.7	5
10	256QAM	1	25	19.94	19.96	19.94		
10	256QAM	1	49	19.84	19.88	19.91		
10	256QAM	25	0	19.99	20.09	19.96	20.7	5
10	256QAM	25	12	19.96	19.92	19.89		
10	256QAM	25	25	19.86	20.06	19.96		
10	256QAM	50	0	19.98	20.02	19.99		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	25.08	25.14	24.97	25.7	0
5	QPSK	1	12	24.90	24.98	24.80		
5	QPSK	1	24	24.76	24.89	24.79		
5	QPSK	12	0	24.92	25.05	24.95	25.7	0
5	QPSK	12	7	24.81	24.98	24.91		
5	QPSK	12	13	24.93	25.04	24.92		
5	QPSK	25	0	24.91	25.00	24.97		
5	16QAM	1	0	24.99	25.05	24.97	25.7	0
5	16QAM	1	12	24.84	25.05	24.90		
5	16QAM	1	24	24.89	25.03	24.96		
5	16QAM	12	0	23.99	24.09	24.05	24.7	1
5	16QAM	12	7	23.88	23.99	23.87		
5	16QAM	12	13	23.89	24.04	23.89		
5	16QAM	25	0	24.00	24.16	23.99		
5	64QAM	1	0	23.95	24.18	24.03	24.7	1
5	64QAM	1	12	24.08	24.05	24.04		
5	64QAM	1	24	23.93	24.14	23.96		
5	64QAM	12	0	23.05	23.10	23.07	23.7	2
5	64QAM	12	7	22.96	23.02	22.98		
5	64QAM	12	13	23.00	23.06	23.04		
5	64QAM	25	0	23.04	23.04	23.04		
5	256QAM	1	0	19.99	20.05	19.97	20.7	5
5	256QAM	1	12	19.88	20.00	19.90		
5	256QAM	1	24	19.80	19.89	19.82		
5	256QAM	12	0	20.03	20.11	19.97	20.7	5
5	256QAM	12	7	19.89	19.95	19.86		
5	256QAM	12	13	19.86	20.07	20.01		
5	256QAM	25	0	20.02	20.05	19.94		

Band 41 Ant4 Default

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	25.12	25.15	25.18	25.05	25.11	25.7	0
20	QPSK	1	49	24.99	24.96	25.06	25.03	24.92		
20	QPSK	1	99	25.08	25.07	25.12	25.04	24.99		
20	QPSK	50	0	25.01	25.01	25.15	25.03	25.04	25.7	0
20	QPSK	50	24	25.03	25.01	25.10	25.00	25.04		
20	QPSK	50	50	25.06	24.98	25.13	25.05	25.02		
20	QPSK	100	0	25.03	24.99	25.09	24.98	24.99		
20	16QAM	1	0	25.03	25.07	25.15	25.11	25.02	25.7	0
20	16QAM	1	49	25.02	24.96	25.10	25.02	24.99		
20	16QAM	1	99	25.00	24.93	25.02	24.91	25.08		
20	16QAM	50	0	24.02	24.02	24.14	24.00	24.02	24.7	1
20	16QAM	50	24	24.01	23.92	24.06	24.03	23.91		
20	16QAM	50	50	24.05	24.00	24.07	23.94	24.08		
20	16QAM	100	0	23.94	23.96	24.07	24.00	24.01		
20	64QAM	1	0	24.13	24.14	24.18	24.04	24.06	24.7	1
20	64QAM	1	49	24.00	24.05	24.10	24.03	23.92		
20	64QAM	1	99	24.05	24.01	24.06	24.00	24.05		
20	64QAM	50	0	23.03	23.04	23.12	22.99	23.05	23.7	2
20	64QAM	50	24	22.88	22.93	23.00	22.97	22.95		
20	64QAM	50	50	22.97	23.01	23.08	22.96	22.90		
20	64QAM	100	0	23.00	23.04	23.11	23.07	23.00		
20	256QAM	1	0	20.06	19.96	20.10	19.98	19.97	20.7	5
20	256QAM	1	49	19.93	19.96	20.00	19.88	19.91		
20	256QAM	1	99	19.89	19.88	19.95	19.88	19.94		
20	256QAM	50	0	19.99	19.96	20.07	19.99	19.98	20.7	5
20	256QAM	50	24	19.89	19.90	19.93	19.83	19.95		
20	256QAM	50	50	19.91	19.84	19.99	19.89	19.85		
20	256QAM	100	0	19.96	20.01	20.04	19.96	19.89		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	25.02	25.07	25.04	25.01	25.06	25.70	0
15	QPSK	1	37	24.86	24.91	24.92	24.91	24.79		
15	QPSK	1	74	24.98	24.94	25.00	25.00	24.92		
15	QPSK	36	0	24.93	24.98	25.05	24.99	24.98	25.7	0
15	QPSK	36	20	24.90	24.98	24.95	24.95	24.96		
15	QPSK	36	39	24.98	24.85	25.00	25.02	24.93		
15	QPSK	75	0	24.90	24.87	24.98	24.93	24.94		
15	16QAM	1	0	24.93	25.00	25.02	25.05	24.94	25.7	0
15	16QAM	1	37	24.91	24.88	24.96	24.96	24.85		
15	16QAM	1	74	24.85	24.84	24.91	24.83	25.04		
15	16QAM	36	0	23.95	23.90	24.05	23.89	23.98	24.7	1
15	16QAM	36	20	23.87	23.89	24.00	23.95	23.85		
15	16QAM	36	39	23.97	23.95	23.96	23.87	23.96		
15	16QAM	75	0	23.79	23.84	23.93	23.93	23.94		
15	64QAM	1	0	24.06	24.02	24.11	23.98	23.91	24.7	1
15	64QAM	1	37	23.96	24.01	24.06	23.99	23.87		
15	64QAM	1	74	23.95	23.98	24.02	23.86	23.99		
15	64QAM	36	0	22.90	22.96	23.05	22.89	22.95	23.7	2
15	64QAM	36	20	22.79	22.80	22.87	22.86	22.88		
15	64QAM	36	39	22.83	22.88	23.02	22.91	22.76		
15	64QAM	75	0	22.96	22.97	23.03	23.02	22.96		
15	256QAM	1	0	19.95	19.86	20.02	19.92	19.85	20.7	5
15	256QAM	1	37	19.80	19.87	19.96	19.79	19.76		
15	256QAM	1	74	19.80	19.84	19.83	19.78	19.89		
15	256QAM	36	0	19.84	19.92	19.97	19.96	19.92	20.7	5
15	256QAM	36	20	19.82	19.81	19.88	19.78	19.84		
15	256QAM	36	39	19.79	19.71	19.92	19.78	19.73		
15	256QAM	75	0	19.88	19.93	19.89	19.86	19.78		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	25.08	25.04	25.03	25.00	24.98	25.70	0
10	QPSK	1	25	24.90	24.92	24.97	24.89	24.87		
10	QPSK	1	49	25.03	24.99	25.05	24.95	24.93		
10	QPSK	25	0	24.87	24.92	25.08	24.90	24.95	25.7	0
10	QPSK	25	12	24.95	24.89	25.07	24.87	24.92		
10	QPSK	25	25	24.93	24.91	25.04	24.93	24.95		
10	QPSK	50	0	25.00	24.84	24.94	24.91	24.85		
10	16QAM	1	0	24.91	25.01	25.09	25.00	24.88	25.7	0
10	16QAM	1	25	24.97	24.88	25.03	24.89	24.93		
10	16QAM	1	49	24.86	24.89	24.93	24.77	24.95		
10	16QAM	25	0	23.88	23.88	24.00	23.95	23.92	24.7	1
10	16QAM	25	12	23.94	23.78	24.01	24.00	23.94		
10	16QAM	25	25	23.94	23.97	23.94	23.82	23.96		
10	16QAM	50	0	23.82	23.82	23.92	23.96	23.96		
10	64QAM	1	0	24.02	24.08	24.12	23.91	23.95	24.7	1
10	64QAM	1	25	23.88	23.90	23.99	23.98	23.84		
10	64QAM	1	49	23.99	23.93	23.91	23.87	23.99		
10	64QAM	25	0	22.92	22.91	22.99	22.89	22.94	23.7	2
10	64QAM	25	12	22.83	22.79	22.94	22.93	22.88		
10	64QAM	25	25	22.84	22.95	23.03	22.84	22.78		
10	64QAM	50	0	22.89	22.99	23.08	23.04	22.95		
10	256QAM	1	0	19.99	19.85	19.97	19.91	19.83	20.7	5
10	256QAM	1	25	19.88	19.86	19.87	19.80	19.78		
10	256QAM	1	49	19.78	19.75	19.86	19.84	19.91		
10	256QAM	25	0	19.88	19.86	19.96	19.88	19.89	20.7	5
10	256QAM	25	12	19.80	19.84	19.88	19.74	19.86		
10	256QAM	25	25	19.86	19.79	19.86	19.84	19.71		
10	256QAM	50	0	19.85	19.88	20.00	19.83	19.76		
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	24.97	25.08	25.06	24.98	25.05	25.70	0
5	QPSK	1	12	24.86	24.84	24.98	24.95	24.80		
5	QPSK	1	24	25.01	25.00	25.06	24.96	24.93		
5	QPSK	12	0	24.94	24.98	25.05	24.97	24.91	25.7	0
5	QPSK	12	7	24.91	24.94	25.05	24.86	25.01		
5	QPSK	12	13	24.95	24.83	25.00	25.02	24.91		
5	QPSK	25	0	24.95	24.85	24.97	24.89	24.95		
5	16QAM	1	0	24.94	24.96	25.07	25.06	24.93	25.7	0
5	16QAM	1	12	24.89	24.89	25.01	24.96	24.95		
5	16QAM	1	24	24.89	24.83	24.90	24.86	24.93		
5	16QAM	12	0	23.94	23.98	24.03	23.88	23.88	24.7	1
5	16QAM	12	7	23.87	23.86	24.02	23.94	23.80		
5	16QAM	12	13	24.02	23.87	24.00	23.86	24.01		
5	16QAM	25	0	23.80	23.88	23.94	23.89	23.90		
5	64QAM	1	0	23.98	24.09	24.09	23.96	23.92	24.7	1
5	64QAM	1	12	23.91	23.92	24.03	23.92	23.86		
5	64QAM	1	24	23.94	23.87	23.92	23.91	23.98		
5	64QAM	12	0	22.91	22.91	23.05	22.93	22.91	23.7	2
5	64QAM	12	7	22.83	22.83	22.89	22.91	22.92		
5	64QAM	12	13	22.89	22.95	22.97	22.90	22.75		
5	64QAM	25	0	22.89	22.91	22.96	22.92	22.93		
5	256QAM	1	0	19.97	19.93	20.04	19.85	19.89	20.7	5
5	256QAM	1	12	19.83	19.87	19.89	19.77	19.94		
5	256QAM	1	24	19.78	19.77	19.81	19.79	19.84		
5	256QAM	12	0	19.94	19.86	19.95	19.86	19.92	20.7	5
5	256QAM	12	7	19.85	19.82	19.89	19.80	19.80		
5	256QAM	12	13	19.81	19.71	19.84	19.75	19.80		
5	256QAM	25	0	19.83	19.86	19.92	19.89	19.82		

WCDMA IV Ant6 Default

Band		WCDMA IV			Tune-up Limit (dBm)
TX Channel		1312	1413	1513	
Rx Channel		1537	1638	1738	
Frequency (MHz)		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	23.45	23.60	23.41	25.20
3GPP Rel 99	RMC 12.2Kbps	23.57	23.67	23.53	25.20
3GPP Rel 6	HSDPA Subtest-1	22.49	22.59	22.70	24.20
3GPP Rel 6	HSDPA Subtest-2	22.51	22.66	22.69	24.20
3GPP Rel 6	HSDPA Subtest-3	21.96	22.14	22.22	23.70
3GPP Rel 6	HSDPA Subtest-4	21.97	22.15	22.14	23.70
3GPP Rel 8	DC-HSDPA Subtest-1	22.65	22.60	22.52	24.20
3GPP Rel 8	DC-HSDPA Subtest-2	22.64	22.62	22.57	24.20
3GPP Rel 8	DC-HSDPA Subtest-3	22.04	22.14	22.13	23.70
3GPP Rel 8	DC-HSDPA Subtest-4	22.08	22.18	22.08	23.70
3GPP Rel 6	HSUPA Subtest-1	22.54	22.54	22.63	24.20
3GPP Rel 6	HSUPA Subtest-2	20.57	20.69	20.67	22.20
3GPP Rel 6	HSUPA Subtest-3	21.54	21.66	21.51	23.20
3GPP Rel 6	HSUPA Subtest-4	20.61	20.67	20.63	22.20
3GPP Rel 6	HSUPA Subtest-5	22.44	22.64	22.70	24.20
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.00	20.07	20.11	21.70

Band 4 Ant6 DSI 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	20.71	20.91	20.73		
20	QPSK	1	49	20.67	20.70	20.60	21.9	0
20	QPSK	1	99	20.71	20.77	20.76		
20	QPSK	50	0	20.73	20.79	20.67		
20	QPSK	50	24	20.67	20.67	20.66	21.9	0
20	QPSK	50	50	20.76	20.73	20.68		
20	QPSK	100	0	20.69	20.76	20.67		
20	16QAM	1	0	20.74	20.86	20.77		
20	16QAM	1	49	20.66	20.73	20.70	21.9	0
20	16QAM	1	99	20.63	20.60	20.47		
20	16QAM	50	0	20.80	20.87	20.76		
20	16QAM	50	24	20.63	20.72	20.64	21.9	0
20	16QAM	50	50	20.67	20.77	20.75		
20	16QAM	100	0	20.77	20.85	20.72		
20	64QAM	1	0	20.70	20.74	20.66		
20	64QAM	1	49	20.69	20.74	20.69	21.9	0
20	64QAM	1	99	20.65	20.75	20.60		
20	64QAM	50	0	20.63	20.74	20.75		
20	64QAM	50	24	20.58	20.72	20.74	21.9	0
20	64QAM	50	50	20.59	20.65	20.46		
20	64QAM	100	0	20.61	20.63	20.44		
20	256QAM	1	0	19.10	19.09	19.05		
20	256QAM	1	49	19.03	19.10	18.98	20.4	1.5
20	256QAM	1	99	19.07	19.16	19.04		
20	256QAM	50	0	18.90	19.08	18.93		
20	256QAM	50	24	18.91	19.17	19.03	20.4	1.5
20	256QAM	50	50	19.00	18.98	18.96		
20	256QAM	100	0	18.83	18.94	18.84		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	20.62	20.80	20.58		
15	QPSK	1	37	20.58	20.53	20.44	21.9	0
15	QPSK	1	74	20.65	20.63	20.73		
15	QPSK	36	0	20.64	20.68	20.51		
15	QPSK	36	20	20.63	20.55	20.51	21.9	0
15	QPSK	36	39	20.62	20.63	20.50		
15	QPSK	75	0	20.54	20.64	20.58		
15	16QAM	1	0	20.64	20.76	20.68		
15	16QAM	1	37	20.60	20.58	20.58	21.9	0
15	16QAM	1	74	20.51	20.48	20.37		
15	16QAM	36	0	20.67	20.70	20.67		
15	16QAM	36	20	20.55	20.67	20.56	21.9	0
15	16QAM	36	39	20.62	20.73	20.58		
15	16QAM	75	0	20.70	20.74	20.56		
15	64QAM	1	0	20.54	20.63	20.58		
15	64QAM	1	37	20.59	20.60	20.56	21.9	0
15	64QAM	1	74	20.57	20.71	20.45		
15	64QAM	36	0	20.47	20.59	20.59		
15	64QAM	36	20	20.54	20.70	20.66	21.9	0
15	64QAM	36	39	20.51	20.61	20.44		
15	64QAM	75	0	20.52	20.53	20.33		
15	256QAM	1	0	18.92	19.07	18.89		
15	256QAM	1	37	18.93	19.05	18.85	20.4	1.5
15	256QAM	1	74	19.01	19.06	18.90		
15	256QAM	36	0	18.73	18.92	18.89		
15	256QAM	36	20	18.82	19.11	18.89	20.4	1.5
15	256QAM	36	39	18.83	18.81	18.83		
15	256QAM	75	0	18.69	18.88	18.81		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	20.58	20.79	20.57		
10	QPSK	1	25	20.51	20.59	20.56	21.9	0
10	QPSK	1	49	20.63	20.64	20.62		
10	QPSK	25	0	20.70	20.72	20.61		
10	QPSK	25	12	20.51	20.64	20.58	21.9	0
10	QPSK	25	25	20.65	20.67	20.63		
10	QPSK	50	0	20.66	20.60	20.49		
10	16QAM	1	0	20.66	20.76	20.65		
10	16QAM	1	25	20.52	20.57	20.64	21.9	0
10	16QAM	1	49	20.60	20.45	20.40		
10	16QAM	25	0	20.71	20.69	20.70		
10	16QAM	25	12	20.59	20.61	20.62	21.9	0
10	16QAM	25	25	20.54	20.73	20.67		
10	16QAM	50	0	20.66	20.81	20.68		
10	64QAM	1	0	20.55	20.59	20.56		
10	64QAM	1	25	20.64	20.60	20.52	21.9	0
10	64QAM	1	49	20.59	20.59	20.52		
10	64QAM	25	0	20.60	20.67	20.59		
10	64QAM	25	12	20.42	20.59	20.60	21.9	0
10	64QAM	25	25	20.44	20.56	20.29		
10	64QAM	50	0	20.53	20.54	20.26		
10	256QAM	1	0	19.08	18.96	18.99		
10	256QAM	1	25	18.90	19.07	18.96	20.4	1.5
10	256QAM	1	49	18.91	19.00	18.98		
10	256QAM	25	0	18.81	19.03	18.78		
10	256QAM	25	12	18.81	19.00	18.96	20.4	1.5
10	256QAM	25	25	18.86	18.82	18.79		
10	256QAM	50	0	18.67	18.82	18.82		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	20.66	20.78	20.57		
5	QPSK	1	12	20.53	20.54	20.55	21.9	0
5	QPSK	1	24	20.66	20.62	20.67		
5	QPSK	12	0	20.66	20.62	20.58		
5	QPSK	12	7	20.60	20.62	20.62	21.9	0
5	QPSK	12	13	20.64	20.63	20.51		
5	QPSK	25	0	20.67	20.63	20.65		
5	16QAM	1	0	20.60	20.80	20.75		
5	16QAM	1	12	20.55	20.60	20.64	21.9	0
5	16QAM	1	24	20.56	20.57	20.30		
5	16QAM	12	0	20.70	20.68	20.70		
5	16QAM	12	7	20.55	20.65	20.60	21.9	0
5	16QAM	12	13	20.63	20.64	20.61		
5	16QAM	25	0	20.66	20.70	20.59		
5	64QAM	1	0	20.55	20.58	20.56		
5	64QAM	1	12	20.61	20.60	20.57	21.9	0
5	64QAM	1	24	20.53	20.62	20.53		
5	64QAM	12	0	20.48	20.60	20.73		
5	64QAM	12	7	20.49	20.61	20.59	21.9	0
5	64QAM	12	13	20.51	20.53	20.37		
5	64QAM	25	0	20.44	20.55	20.36		
5	256QAM	1	0	19.03	18.98	18.98		
5	256QAM	1	12	18.88	19.06	18.83	20.4	1.5
5	256QAM	1	24	18.97	18.98	19.01		
5	256QAM	12	0	18.73	18.99	18.81		
5	256QAM	12	7	18.74	19.01	18.93	20.4	1.5
5	256QAM	12	13	18.89	18.95	18.88		
5	256QAM	25	0	18.73	18.76	18.68		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	20.60	20.79	20.64		
3	QPSK	1	8	20.50	20.52	20.56	21.9	0
3	QPSK	1	14	20.54	20.71	20.73		
3	QPSK	8	0	20.66	20.72	20.60		
3	QPSK	8	4	20.63	20.61	20.53	21.9	0
3	QPSK	8	7	20.59	20.56	20.58		
3	QPSK	15	0	20.54	20.72	20.56		
3	16QAM	1	0	20.63	20.79	20.72		
3	16QAM	1	8	20.54	20.64	20.57	21.9	0
3	16QAM	1	14	20.55	20.45	20.35		
3	16QAM	8	0	20.66	20.64	20.73		
3	16QAM	8	4	20.49	20.66	20.56	21.9	0
3	16QAM	8	7	20.63	20.73	20.64		
3	16QAM	15	0	20.67	20.69	20.65		
3	64QAM	1	0	20.53	20.71	20.60		
3	64QAM	1	8	20.53	20.62	20.64	21.9	0
3	64QAM	1	14	20.61	20.61	20.49		
3	64QAM	8	0	20.54	20.71	20.62		
3	64QAM	8	4	20.50	20.66	20.62	21.9	0
3	64QAM	8	7	20.49	20.48	20.32		
3	64QAM	15	0	20.53	20.57	20.37		
3	256QAM	1	0	19.05	18.92	18.89		
3	256QAM	1	8	18.89	18.97	18.90	20.4	1.5
3	256QAM	1	14	19.00	19.06	18.99		
3	256QAM	8	0	18.81	19.03	18.84		
3	256QAM	8	4	18.79	19.15	18.88	20.4	1.5
3	256QAM	8	7	18.98	18.88	18.92		
3	256QAM	15	0	18.67	18.81	18.69		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	20.54	20.87	20.69		
1.4	QPSK	1	3	20.61	20.53	20.54		
1.4	QPSK	1	5	20.67	20.65	20.73	21.9	0
1.4	QPSK	3	0	20.71	20.76	20.61		
1.4	QPSK	3	1	20.55	20.56	20.63		
1.4	QPSK	3	3	20.66	20.65	20.53		
1.4	QPSK	6	0	20.58	20.59	20.57	21.9	0
1.4	16QAM	1	0	20.62	20.77	20.73		
1.4	16QAM	1	3	20.57	20.64	20.52		
1.4	16QAM	1	5	20.60	20.43	20.35	21.9	0
1.4	16QAM	3	0	20.76	20.65	20.73		
1.4	16QAM	3	1	20.51	20.56	20.62		
1.4	16QAM	3	3	20.58	20.65	20.67		
1.4	16QAM	6	0	20.71	20.71	20.59	21.9	0
1.4	64QAM	1	0	20.54	20.58	20.49		
1.4	64QAM	1	3	20.55	20.68	20.59		
1.4	64QAM	1	5	20.55	20.66	20.52	21.9	0
1.4	64QAM	3	0	20.45	20.66	20.70		
1.4	64QAM	3	1	20.54	20.56	20.56		
1.4	64QAM	3	3	20.51	20.61	20.42		
1.4	64QAM	6	0	20.54	20.46	20.34	21.9	0
1.4	256QAM	1	0	19.04	18.99	18.96		
1.4	256QAM	1	3	18.89	18.99	18.95		
1.4	256QAM	1	5	18.94	19.01	18.93	20.4	1.5
1.4	256QAM	3	0	18.74	18.92	18.85		
1.4	256QAM	3	1	18.85	19.11	18.89		
1.4	256QAM	3	3	18.85	18.95	18.91		
1.4	256QAM	6	0	18.77	18.88	18.69	20.4	1.5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	20.04	20.12	20.05		
20	QPSK	1	49	19.80	19.89	19.98	21.2	0
20	QPSK	1	99	19.92	20.02	19.89		
20	QPSK	50	0	19.89	19.96	19.95		
20	QPSK	50	24	19.88	19.89	19.76	21.2	0
20	QPSK	50	50	19.90	19.93	19.92		
20	QPSK	100	0	19.83	19.95	19.91		
20	16QAM	1	0	19.95	19.97	19.81		
20	16QAM	1	49	19.99	19.98	19.94	21.2	0
20	16QAM	1	99	19.97	19.76	19.94		
20	16QAM	50	0	19.90	19.93	19.84		
20	16QAM	50	24	19.99	19.97	19.90	21.2	0
20	16QAM	50	50	19.98	20.02	19.94		
20	16QAM	100	0	19.86	19.89	20.07		
20	64QAM	1	0	19.92	19.98	19.98		
20	64QAM	1	49	19.98	19.96	19.89	21.2	0
20	64QAM	1	99	20.05	19.89	19.97		
20	64QAM	50	0	19.95	19.86	19.84		
20	64QAM	50	24	20.07	19.99	19.89	21.2	0
20	64QAM	50	50	19.83	19.94	20.00		
20	64QAM	100	0	19.79	19.90	19.92		
20	256QAM	1	0	19.30	19.31	19.44		
20	256QAM	1	49	19.32	19.43	19.33	20.7	0.5
20	256QAM	1	99	19.43	19.23	19.38		
20	256QAM	50	0	19.40	19.33	19.16		
20	256QAM	50	24	19.50	19.36	19.30	20.7	0.5
20	256QAM	50	50	19.24	19.32	19.47		
20	256QAM	100	0	19.15	19.37	19.36		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	19.99	19.95	19.91		
15	QPSK	1	37	19.71	19.76	19.86	21.2	0
15	QPSK	1	74	19.78	19.92	19.77		
15	QPSK	36	0	19.75	19.82	19.84		
15	QPSK	36	20	19.78	19.71	19.69	21.2	0
15	QPSK	36	39	19.86	19.88	19.90		
15	QPSK	75	0	19.70	19.83	19.87		
15	16QAM	1	0	19.87	19.83	19.77		
15	16QAM	1	37	19.85	19.84	19.89	21.2	0
15	16QAM	1	74	19.87	19.72	19.81		
15	16QAM	36	0	19.83	19.85	19.81		
15	16QAM	36	20	19.83	19.80	19.81	21.2	0
15	16QAM	36	39	19.95	19.99	19.78		
15	16QAM	75	0	19.76	19.77	20.04		
15	64QAM	1	0	19.86	19.84	19.94		
15	64QAM	1	37	19.93	19.91	19.75	21.2	0
15	64QAM	1	74	19.89	19.76	19.86		
15	64QAM	36	0	19.83	19.73	19.77		
15	64QAM	36	20	19.93	19.93	19.86	21.2	0
15	64QAM	36	39	19.77	19.81	19.92		
15	64QAM	75	0	19.76	19.72	19.87		
15	256QAM	1	0	19.25	19.15	19.35		
15	256QAM	1	37	19.19	19.36	19.30	20.7	0.5
15	256QAM	1	74	19.34	19.16	19.23		
15	256QAM	36	0	19.26	19.19	19.08		
15	256QAM	36	20	19.35	19.19	19.25	20.7	0.5
15	256QAM	36	39	19.16	19.17	19.44		
15	256QAM	75	0	19.08	19.30	19.27		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	19.91	20.03	19.95		
10	QPSK	1	25	19.70	19.80	19.93	21.2	0
10	QPSK	1	49	19.89	19.85	19.81		
10	QPSK	25	0	19.79	19.83	19.92		
10	QPSK	25	12	19.70	19.76	19.59	21.2	0
10	QPSK	25	25	19.78	19.85	19.80		
10	QPSK	50	0	19.80	19.89	19.74		
10	16QAM	1	0	19.78	19.94	19.70		
10	16QAM	1	25	19.83	19.96	19.90	21.2	0
10	16QAM	1	49	19.81	19.90	19.86		
10	16QAM	25	0	19.81	19.84	19.69		
10	16QAM	25	12	19.94	19.84	19.84	21.2	0
10	16QAM	25	25	19.87	19.85	19.85		
10	16QAM	50	0	19.72	19.84	19.95		
10	64QAM	1	0	19.77	19.82	19.95		
10	64QAM	1	25	19.84	19.91	19.74	21.2	0
10	64QAM	1	49	19.89	19.72	19.89		
10	64QAM	25	0	19.88	19.69	19.80		
10	64QAM	25	12	19.99	19.88	19.74	21.2	0
10	64QAM	25	25	19.70	19.86	19.92		
10	64QAM	50	0	19.69	19.72	19.90		
10	256QAM	1	0	19.15	19.26	19.34		
10	256QAM	1	25	19.22	19.37	19.26	20.7	0.5
10	256QAM	1	49	19.35	19.20	19.27		
10	256QAM	25	0	19.35	19.19	19.08		
10	256QAM	25	12	19.48	19.23	19.25	20.7	0.5
10	256QAM	25	25	19.14	19.21	19.37		
10	256QAM	50	0	18.98	19.31	19.20		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	19.88	20.01	19.90		
5	QPSK	1	12	19.78	19.84	19.82	21.2	0
5	QPSK	1	24	19.87	19.85	19.75		
5	QPSK	12	0	19.87	19.87	19.83		
5	QPSK	12	7	19.78	19.75	19.64	21.2	0
5	QPSK	12	13	19.74	19.85	19.82		
5	QPSK	25	0	19.82	19.93	19.75		
5	16QAM	1	0	19.80	19.84	19.78		
5	16QAM	1	12	19.94	19.84	19.81	21.2	0
5	16QAM	1	24	19.82	19.62	19.83		
5	16QAM	12	0	19.78	19.79	19.75		
5	16QAM	12	7	19.85	19.81	19.84	21.2	0
5	16QAM	12	13	19.83	19.95	19.79		
5	16QAM	25	0	19.70	19.80	20.04		
5	64QAM	1	0	19.79	19.90	19.91		
5	64QAM	1	12	19.91	19.93	19.76	21.2	0
5	64QAM	1	24	19.89	19.94	19.86		
5	64QAM	12	0	19.87	19.84	19.77		
5	64QAM	12	7	20.02	19.96	19.73	21.2	0
5	64QAM	12	13	19.73	19.78	19.84		
5	64QAM	25	0	19.62	19.76	19.90		
5	256QAM	1	0	19.14	19.19	19.41		
5	256QAM	1	12	19.28	19.33	19.23	20.7	0.5
5	256QAM	1	24	19.26	19.20	19.23		
5	256QAM	12	0	19.30	19.22	19.10		
5	256QAM	12	7	19.37	19.29	19.12	20.7	0.5
5	256QAM	12	13	19.07	19.29	19.42		
5	256QAM	25	0	19.12	19.23	19.33		

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BW [MHz]	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	20.80	20.92	20.86		
20	QPSK	1	49	20.79	20.85	20.85	22.2	0
20	QPSK	1	99	20.71	20.81	20.80		
20	QPSK	50	0	20.87	20.89	20.80		
20	QPSK	50	24	20.65	20.68	20.75	22.2	0
20	QPSK	50	50	20.75	20.75	20.70		
20	QPSK	100	0	20.67	20.76	20.72		
20	16QAM	1	0	20.76	20.82	20.70		
20	16QAM	1	49	20.72	20.76	20.64	22.2	0
20	16QAM	1	99	20.65	20.83	20.75		
20	16QAM	50	0	20.85	20.87	20.80		
20	16QAM	50	24	20.74	20.81	20.85	22.2	0
20	16QAM	50	50	20.67	20.78	20.81		
20	16QAM	100	0	20.85	20.80	20.80		
20	64QAM	1	0	20.70	20.81	20.65		
20	64QAM	1	49	20.70	20.77	20.71	22.2	0
20	64QAM	1	99	20.66	20.81	20.74		
20	64QAM	50	0	20.71	20.80	20.74		
20	64QAM	50	24	20.71	20.72	20.61	22.2	0
20	64QAM	50	50	20.73	20.87	20.74		
20	64QAM	100	0	20.68	20.86	20.63		
20	256QAM	1	0	18.28	18.31	18.26		
20	256QAM	1	49	18.16	18.17	18.28	19.7	2.5
20	256QAM	1	99	18.19	18.35	18.16		
20	256QAM	50	0	18.31	18.37	18.26		
20	256QAM	50	24	18.15	18.42	18.27	19.7	2.5
20	256QAM	50	50	18.21	18.25	18.22		
20	256QAM	100	0	18.16	18.37	18.23		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	20.76	20.85	20.70		
15	QPSK	1	37	20.69	20.77	20.81	22.2	0
15	QPSK	1	74	20.68	20.78	20.76		
15	QPSK	36	0	20.72	20.85	20.68		
15	QPSK	36	20	20.55	20.64	20.59	22.2	0
15	QPSK	36	39	20.65	20.64	20.53		
15	QPSK	75	0	20.55	20.70	20.66		
15	16QAM	1	0	20.60	20.78	20.57		
15	16QAM	1	37	20.67	20.69	20.47	22.2	0
15	16QAM	1	74	20.55	20.77	20.58		
15	16QAM	36	0	20.78	20.80	20.65		
15	16QAM	36	20	20.67	20.70	20.76	22.2	0
15	16QAM	36	39	20.53	20.69	20.74		
15	16QAM	75	0	20.72	20.68	20.77		
15	64QAM	1	0	20.63	20.66	20.58		
15	64QAM	1	37	20.60	20.71	20.66	22.2	0
15	64QAM	1	74	20.52	20.72	20.70		
15	64QAM	36	0	20.65	20.73	20.70		
15	64QAM	36	20	20.62	20.61	20.52	22.2	0
15	64QAM	36	39	20.57	20.79	20.58		
15	64QAM	75	0	20.59	20.76	20.53		
15	256QAM	1	0	18.24	18.27	18.23		
15	256QAM	1	37	18.01	18.01	18.17	19.7	2.5
15	256QAM	1	74	18.12	18.21	18.12		
15	256QAM	36	0	18.29	18.25	18.20		
15	256QAM	36	20	18.04	18.33	18.17	19.7	2.5
15	256QAM	36	39	18.06	18.20	18.08		
15	256QAM	75	0	18.12	18.21	18.17		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	20.75	20.74	20.74		
10	QPSK	1	25	20.67	20.69	20.74	22.2	0
10	QPSK	1	49	20.62	20.78	20.74		
10	QPSK	25	0	20.72	20.87	20.78		
10	QPSK	25	12	20.56	20.66	20.66	22.2	0
10	QPSK	25	25	20.65	20.66	20.63		
10	QPSK	50	0	20.56	20.71	20.64		
10	16QAM	1	0	20.60	20.72	20.60		
10	16QAM	1	25	20.56	20.65	20.54	22.2	0
10	16QAM	1	49	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				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	23.65	23.71	23.48	24.7	0
20	QPSK	1	49	23.50	23.53	23.42		
20	QPSK	1	99	23.36	23.60	23.39		
20	QPSK	50	0	23.58	23.68	23.62		
20	QPSK	50	24	23.52	23.63	23.64		
20	QPSK	50	50	23.38	23.57	23.46		
20	QPSK	100	0	23.50	23.61	23.53		
20	16QAM	1	0	23.62	23.70	23.51	24.7	0
20	16QAM	1	49	23.43	23.53	23.44		
20	16QAM	1	99	23.37	23.49	23.43		
20	16QAM	50	0	23.58	23.63	23.57		
20	16QAM	50	24	23.46	23.52	23.42		
20	16QAM	50	50	23.37	23.57	23.41		
20	16QAM	100	0	23.68	23.64	23.49		
20	64QAM	1	0	23.52	23.67	23.60	24.7	0
20	64QAM	1	49	23.44	23.47	23.35		
20	64QAM	1	99	23.63	23.61	23.60		
20	64QAM	50	0	22.50	22.59	22.50	23.7	1
20	64QAM	50	24	22.46	22.49	22.44		
20	64QAM	50	50	22.43	22.56	22.39		
20	64QAM	100	0	22.70	22.61	22.41		
20	256QAM	1	0	19.49	19.58	19.50	20.7	4
20	256QAM	1	49	19.38	19.45	19.41		
20	256QAM	1	99	19.33	19.57	19.41		
20	256QAM	50	0	19.58	19.64	19.36	20.7	4
20	256QAM	50	24	19.43	19.51	19.39		
20	256QAM	50	50	19.36	19.58	19.36		
20	256QAM	100	0	19.62	19.54	19.39		
Channel				37525	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	23.47	23.58	23.31	24.7	0
15	QPSK	1	37	23.38	23.44	23.37		
15	QPSK	1	74	23.29	23.58	23.23		
15	QPSK	36	0	23.42	23.57	23.57		
15	QPSK	36	20	23.43	23.51	23.58		
15	QPSK	36	39	23.36	23.50	23.40		
15	QPSK	75	0	23.35	23.53	23.35		
15	16QAM	1	0	23.60	23.67	23.44	24.7	0
15	16QAM	1	37	23.31	23.37	23.29		
15	16QAM	1	74	23.26	23.33	23.31		
15	16QAM	36	0	23.44	23.50	23.46	24.7	0
15	16QAM	36	20	23.41	23.38	23.36		
15	16QAM	36	39	23.29	23.49	23.24		
15	16QAM	75	0	23.63	23.51	23.31		
15	64QAM	1	0	23.41	23.50	23.51	24.7	0
15	64QAM	1	37	23.42	23.42	23.19		
15	64QAM	1	74	23.59	23.48	23.44		
15	64QAM	36	0	22.45	22.42	22.37	23.7	1
15	64QAM	36	20	22.30	22.44	22.34		
15	64QAM	36	39	22.25	22.47	22.26		
15	64QAM	75	0	22.63	22.48	22.33		
15	256QAM	1	0	19.39	19.46	19.36	20.7	4
15	256QAM	1	37	19.23	19.42	19.34		
15	256QAM	1	74	19.25	19.45	19.27		
15	256QAM	36	0	19.55	19.57	19.32	20.7	4
15	256QAM	36	20	19.35	19.42	19.34		
15	256QAM	36	39	19.22	19.54	19.23		
15	256QAM	75	0	19.52	19.47	19.33		
Channel				37600	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	23.53	23.54	23.30	24.7	0
10	QPSK	1	25	23.40	23.45	23.38		
10	QPSK	1	49	23.28	23.49	23.30		
10	QPSK	25	0	23.52	23.52	23.55	24.7	0
10	QPSK	25	12	23.40	23.58	23.61		
10	QPSK	25	25	23.20	23.48	23.34		
10	QPSK	50	0	23.42	23.58	23.48		
10	16QAM	1	0	23.49	23.57	23.37	24.7	0
10	16QAM	1	25	23.32	23.42	23.38		
10	16QAM	1	49	23.33	23.45	23.30		
10	16QAM	25	0	23.45	23.53	23.44	24.7	0
10	16QAM	25	12	23.39	23.44	23.24		
10	16QAM	25	25	23.27	23.45	23.24		
10	16QAM	50	0	23.51	23.52	23.33		
10	64QAM	1	0	23.40	23.49	23.50	24.7	0
10	64QAM	1	25	23.31	23.40	23.30		
10	64QAM	1	49	23.48	23.44	23.46		
10	64QAM	25	0	22.47	22.43	22.40	23.7	1
10	64QAM	25	12	22.34	22.44	22.42		
10	64QAM	25	25	22.31	22.45	22.36		
10	64QAM	50	0	22.65	22.58	22.24		
10	256QAM	1	0	19.42	19.54	19.34	20.7	4
10	256QAM	1	25	19.31	19.27	19.29		
10	256QAM	1	49	19.17	19.54	19.25		
10	256QAM	25	0	19.50	19.55	19.24	20.7	4
10	256QAM	25	12	19.29	19.44	19.29		
10	256QAM	25	25	19.27	19.51	19.25		
10	256QAM	50	0	19.57	19.44	19.29		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	23.55	23.69	23.40	24.7	0
5	QPSK	1	12	23.33	23.50	23.26		
5	QPSK	1	24	23.34	23.47	23.27		
5	QPSK	12	0	23.53	23.62	23.44	24.7	0
5	QPSK	12	7	23.40	23.55	23.62		
5	QPSK	12	13	23.34	23.53	23.32		
5	QPSK	25	0	23.42	23.49	23.45		
5	16QAM	1	0	23.47	23.65	23.39	24.7	0
5	16QAM	1	12	23.36	23.46	23.40		
5	16QAM	1	24	23.24	23.34	23.34		
5	16QAM	12	0	23.52	23.47	23.49	24.7	0
5	16QAM	12	7	23.44	23.49	23.36		
5	16QAM	12	13	23.28	23.52	23.29		
5	16QAM	25	0	23.52	23.56	23.36		
5	64QAM	1	0	23.41	23.62	23.44	24.7	0
5	64QAM	1	12	23.36	23.31	23.26		
5	64QAM	1	24	23.51	23.53	23.43		
5	64QAM	12	0	22.37	22.45	22.34	23.7	1
5	64QAM	12	7	22.42	22.32	22.36		
5	64QAM	12	13	22.39	22.44	22.32		
5	64QAM	25	0	22.68	22.43	22.36		
5	256QAM	1	0	19.33	19.51	19.37	20.7	4
5	256QAM	1	12	19.30	19.38	19.26		
5	256QAM	1	24	19.29	19.53	19.32		
5	256QAM	12	0	19.41	19.57	19.21	20.7	4
5	256QAM	12	7	19.28	19.47	19.36		
5	256QAM	12	13	19.24	19.48	19.31		
5	256QAM	25	0	19.50	19.39	19.31		

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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)				2508	2549.5	2593	2636.5	2680		
20	QPSK	1	0	22.50	22.44	22.66	22.28	22.53	23.7	0
20	QPSK	1	49	22.29	22.24	22.34	22.30	22.26		
20	QPSK	1	99	22.26	22.35	22.40	22.20	22.25		
20	QPSK	50	0	22.27	22.40	22.63	22.41	22.37		
20	QPSK	50	24	22.37	22.26	22.37	22.22	22.26		
20	QPSK	50	50	22.35	22.24	22.29	22.21	22.24		
20	QPSK	100	0	22.38	22.40	22.42	22.37	22.38		
20	16QAM	1	0	22.26	22.19	22.27	22.26	22.29	23.7	0
20	16QAM	1	49	22.07	22.23	22.22	22.15	22.18		
20	16QAM	1	99	22.20	22.12	22.36	22.19	22.18		
20	16QAM	50	0	22.44	22.41	22.52	22.27	22.51	23.7	0
20	16QAM	50	24	22.34	22.29	22.44	22.32	22.28		
20	16QAM	50	50	22.21	22.30	22.33	22.26	22.29		
20	16QAM	100	0	22.35	22.35	22.42	22.33	22.39		
20	64QAM	1	0	22.38	22.34	22.46	22.24	22.26	23.7	0
20	64QAM	1	49	22.29	22.33	22.42	22.32	22.33		
20	64QAM	1	99	22.38	22.29	22.53	22.50	22.42		
20	64QAM	50	0	22.26	22.28	22.39	22.28	22.25	23.7	0
20	64QAM	50	24	22.15	22.19	22.30	22.17	22.28		
20	64QAM	50	50	22.16	22.14	22.36	22.13	22.15		
20	64QAM	100	0	22.25	22.16	22.31	22.18	22.13		
20	256QAM	1	0	19.36	19.34	19.52	19.39	19.30	20.7	3
20	256QAM	1	49	19.43	19.38	19.35	19.32	19.34		
20	256QAM	1	99	19.33	19.30	19.31	19.32	19.22		
20	256QAM	50	0	19.45	19.45	19.54	19.45	19.42	20.7	3
20	256QAM	50	24	19.31	19.21	19.35	19.28	19.36		
20	256QAM	50	50	19.14	19.12	19.23	19.15	19.25		
20	256QAM	100	0	19.26	19.21	19.32	19.20	19.12		
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	22.44	22.42	22.50	22.22	22.45	23.70	0
15	QPSK	1	37	22.21	22.19	22.25	22.24	22.14		
15	QPSK	1	74	22.08	22.28	22.23	22.10	22.13		
15	QPSK	36	0	22.21	22.36	22.25	22.37	22.26	23.7	0
15	QPSK	36	20	22.23	22.12	22.25	22.05	22.22		
15	QPSK	36	39	22.27	22.11	22.11	22.03	22.20		
15	QPSK	75	0	22.21	22.25	22.33	22.22	22.27		
15	16QAM	1	0	22.17	22.16	22.18	22.23	22.11	23.7	0
15	16QAM	1	37	21.92	22.14	22.11	22.09	22.01		
15	16QAM	1	74	22.18	22.08	22.25	22.10	22.04		
15	16QAM	36	0	22.32	22.29	22.39	22.17	22.41	23.7	0
15	16QAM	36	20	22.20	22.27	22.37	22.17	22.16		
15	16QAM	36	39	22.18	22.14	22.23	22.14	22.23		
15	16QAM	75	0	22.29	22.25	22.37	22.18	22.23		
15	64QAM	1	0	22.30	22.20	22.38	22.20	22.19	23.7	0
15	64QAM	1	37	22.24	22.16	22.28	22.21	22.26		
15	64QAM	1	74	22.21	22.14	22.41	22.41	22.28		
15	64QAM	36	0	22.19	22.14	22.28	22.13	22.22	23.7	0
15	64QAM	36	20	22.06	22.05	22.22	22.03	22.25		
15	64QAM	36	39	22.10	22.02	22.24	22.08	21.98		
15	64QAM	75	0	22.09	22.11	22.14	22.14	21.98		
15	256QAM	1	0	19.20	19.25	19.36	19.31	19.25	20.7	3
15	256QAM	1	37	19.35	19.26	19.31	19.23	19.20		
15	256QAM	1	74	19.29	19.23	19.21	19.28	19.12		
15	256QAM	36	0	19.34	19.40	19.50	19.30	19.26	20.7	3
15	256QAM	36	20	19.20	19.08	19.17	19.21	19.18		
15	256QAM	36	39	19.06	19.06	19.14	19.01	19.22		
15	256QAM	75	0	19.11	19.16	19.16	19.05	19.06		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.41	22.33	22.43	22.25	22.42	23.70	0
10	QPSK	1	25	22.13	22.10	22.18	22.23	22.10		
10	QPSK	1	49	22.16	22.28	22.24	22.05	22.22		
10	QPSK	25	0	22.11	22.35	22.31	22.25	22.31	23.7	0
10	QPSK	25	12	22.20	22.21	22.20	22.12	22.10		
10	QPSK	25	25	22.19	22.07	22.18	22.05	22.08		
10	QPSK	50	0	22.34	22.29	22.31	22.35	22.27		
10	16QAM	1	0	22.22	22.12	22.23	22.13	22.23	23.7	0
10	16QAM	1	25	22.03	22.13	22.13	21.98	22.11		
10	16QAM	1	49	22.17	21.97	22.27	22.11	22.04		
10	16QAM	25	0	22.34	22.25	22.44	22.23	22.40	23.7	0
10	16QAM	25	12	22.18	22.22	22.27	22.26	22.25		
10	16QAM	25	25	22.10	22.18	22.16	22.14	22.14		
10	16QAM	50	0	22.30	22.24	22.38	22.25	22.32		
10	64QAM	1	0	22.23	22.18	22.32	22.20	22.11	23.7	0
10	64QAM	1	25	22.19	22.21	22.34	22.30	22.21		
10	64QAM	1	49	22.21	22.12	22.49	22.36	22.39		
10	64QAM	25	0	22.23	22.12	22.37	22.26	22.23	23.7	0
10	64QAM	25	12	22.12	22.12	22.17	22.09	22.11		
10	64QAM	25	25	22.02	22.05	22.26	22.02	22.08		
10	64QAM	50	0	22.22	22.04	22.22	22.04	21.99		
10	256QAM	1	0	19.24	19.29	19.44	19.31	19.17	20.7	3
10	256QAM	1	25	19.36	19.21	19.25	19.19	19.23		
10	256QAM	1	49	19.16	19.15	19.23	19.29	19.13		
10	256QAM	25	0	19.31	19.31	19.47	19.35	19.25	20.7	3
10	256QAM	25	12	19.16	19.18	19.23	19.18	19.26		
10	256QAM	25	25	19.12	19.06	19.05	19.09	19.11		
10	256QAM	50	0	19.23	19.08	19.23	19.13	18.98		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2546.8	2593	2640.30	2687.5		
5	QPSK	1	0	22.47	22.42	22.47	22.10	22.50	23.70	0
5	QPSK	1	12	22.12	22.07	22.28	22.23	22.23		
5	QPSK	1	24	22.12	22.26	22.32	22.04	22.22		
5	QPSK	12	0	22.14	22.30	22.27	22.38	22.22	23.7	0
5	QPSK	12	7	22.23	22.08	22.28	22.18	22.19		
5	QPSK	12	13	22.29	22.12	22.19	22.16	22.12		
5	QPSK	25	0	22.32	22.38	22.29	22.21	22.23		
5	16QAM	1	0	22.15	22.06	22.25	22.12	22.14	23.7	0
5	16QAM	1	12	22.03	22.05	22.05	22.09	22.05		
5	16QAM	1	24	22.09	22.04	22.20	22.14	22.08		
5	16QAM	12	0	22.39	22.32	22.50	22.10	22.38	23.7	0
5	16QAM	12	7	22.21	22.26	22.36	22.25	22.17		
5	16QAM	12	13	22.16	22.16	22.23	22.15	22.16		
5	16QAM	25	0	22.29	22.31	22.34	22.27	22.37	23.7	0
5	64QAM	1	0	22.34	22.24	22.34	22.17	22.23		
5	64QAM	1	12	22.21	22.26	22.27	22.29	22.27		
5	64QAM	1	24	22.22	22.20	22.39	22.36	22.27		
5	64QAM	12	0	22.13	22.15	22.33	22.12	22.10	23.7	0
5	64QAM	12	7	22.05	22.06	22.23	22.07	22.19		
5	64QAM	12	13	22.02	21.96	22.24	22.02	22.08		
5	64QAM	25	0	22.10	22.01	22.15	22.15	22.09		
5	256QAM	1	0	19.29	19.27	19.40	19.34	19.16	20.7	3
5	256QAM	1	12	19.33	19.34	19.27	19.28	19.29		
5	256QAM	1	24	19.25	19.27	19.14	19.16	19.19		
5	256QAM	12	0	19.28	19.29	19.45	19.38	19.25	20.7	3
5	256QAM	12	7	19.15	19.16	19.24	19.10	19.27		
5	256QAM	12	13	18.96	19.01	19.17	19.09	19.11		
5	256QAM	25	0	19.17	19.13	19.29	19.08	19.04		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	24.81	25.07	25.02	25.7	0
20	QPSK	1	49	24.82	24.94	24.90		
20	QPSK	1	99	24.80	24.90	24.87		
20	QPSK	50	0	24.71	24.86	24.81	25.7	0
20	QPSK	50	24	24.75	24.81	24.75		
20	QPSK	50	50	24.77	24.83	24.72		
20	QPSK	100	0	24.71	24.80	24.77		
20	16QAM	1	0	24.64	24.75	24.66	25.7	0
20	16QAM	1	49	24.47	24.61	24.54		
20	16QAM	1	99	24.58	24.68	24.54		
20	16QAM	50	0	23.78	23.84	23.75	24.7	1
20	16QAM	50	24	23.58	23.70	23.64		
20	16QAM	50	50	23.59	23.69	23.58		
20	16QAM	100	0	23.75	23.82	23.70		
20	64QAM	1	0	23.79	23.85	23.76	24.7	1
20	64QAM	1	49	23.69	23.74	23.64		
20	64QAM	1	99	23.69	23.78	23.75		
20	64QAM	50	0	22.77	22.80	22.68	23.7	2
20	64QAM	50	24	22.60	22.66	22.61		
20	64QAM	50	50	22.54	22.67	22.60		
20	64QAM	100	0	22.67	22.81	22.68		
20	256QAM	1	0	19.90	20.03	19.88	20.7	5
20	256QAM	1	49	19.84	19.94	19.80		
20	256QAM	1	99	19.84	19.88	19.85		
20	256QAM	50	0	20.04	20.07	20.00	20.7	5
20	256QAM	50	24	19.95	20.02	19.90		
20	256QAM	50	50	19.90	20.01	19.93		
20	256QAM	100	0	19.95	20.10	20.04		
Channel				42165	42590	43015	Tune-up limit	MPR
Frequency (MHz)				3457.5	3500	3542.5	(dBm)	(dB)
15	QPSK	1	0	24.74	24.93	24.97	25.7	0
15	QPSK	1	37	24.71	24.83	24.80		
15	QPSK	1	74	24.69	24.78	24.75		
15	QPSK	36	0	23.95	24.06	24.00	25.7	0
15	QPSK	36	20	23.98	24.08	23.97		
15	QPSK	36	39	24.00	24.03	23.94		
15	QPSK	75	0	23.96	24.00	24.02		
15	16QAM	1	0	23.83	23.93	23.81	25.7	0
15	16QAM	1	37	23.73	23.80	23.76		
15	16QAM	1	74	23.79	23.94	23.72		
15	16QAM	36	0	22.99	22.99	22.93	24.7	1
15	16QAM	36	20	22.80	22.97	22.87		
15	16QAM	36	39	22.83	22.91	22.77		
15	16QAM	75	0	22.97	23.01	22.91		
15	64QAM	1	0	22.98	23.04	23.00	24.7	1
15	64QAM	1	37	22.89	22.89	22.90		
15	64QAM	1	74	22.92	23.05	23.01		
15	64QAM	36	0	22.03	22.05	21.84	23.7	2
15	64QAM	36	20	21.76	21.82	21.83		
15	64QAM	36	39	21.75	21.85	21.78		
15	64QAM	75	0	21.91	22.04	21.88		
15	256QAM	1	0	19.82	19.96	19.74	20.7	5
15	256QAM	1	37	19.76	19.82	19.67		
15	256QAM	1	74	19.75	19.84	19.70		
15	256QAM	36	0	19.97	20.02	19.93	20.7	5
15	256QAM	36	20	19.92	19.87	19.86		
15	256QAM	36	39	19.76	19.86	19.87		
15	256QAM	75	0	19.82	20.01	19.91		
Channel				42140	42590	43040	Tune-up limit	MPR
Frequency (MHz)				3452	3500	3548	(dBm)	(dB)
10	QPSK	1	0	24.74	24.95	24.89	25.7	0
10	QPSK	1	25	24.78	24.84	24.86		
10	QPSK	1	49	24.66	24.80	24.79		
10	QPSK	25	0	23.95	24.11	24.05	25.7	0
10	QPSK	25	12	24.01	24.02	24.00		
10	QPSK	25	25	24.04	24.04	23.92		
10	QPSK	50	0	23.94	24.06	23.96		
10	16QAM	1	0	23.80	23.74	23.87	25.7	0
10	16QAM	1	25	23.77	23.81	23.74		
10	16QAM	1	49	23.79	23.93	23.80		
10	16QAM	25	0	23.01	23.05	23.00	24.7	1
10	16QAM	25	12	22.83	22.92	22.84		
10	16QAM	25	25	22.75	22.91	22.76		
10	16QAM	50	0	22.93	23.00	22.93		
10	64QAM	1	0	23.03	23.09	22.96	24.7	1
10	64QAM	1	25	22.91	22.93	22.86		
10	64QAM	1	49	22.91	23.05	22.95		
10	64QAM	25	0	22.03	21.99	21.87	23.7	2
10	64QAM	25	12	21.78	21.90	21.82		
10	64QAM	25	25	21.70	21.87	21.81		
10	64QAM	50	0	21.88	21.98	21.93		
10	256QAM	1	0	19.85	19.96	19.82	20.7	5
10	256QAM	1	25	19.76	19.83	19.69		
10	256QAM	1	49	19.72	19.75	19.72		
10	256QAM	25	0	19.97	19.99	19.92	20.7	5
10	256QAM	25	12	19.88	19.89	19.77		
10	256QAM	25	25	19.85	19.94	19.88		
10	256QAM	50	0	19.87	19.99	19.95		
Channel				42115	42590	43065	Tune-up limit	MPR
Frequency (MHz)				3452.5	3500	3547.5	(dBm)	(dB)
5	QPSK	1	0	24.67	24.97	24.93	25.7	0
5	QPSK	1	12	24.70	24.86	24.82		
5	QPSK	1	24	24.68	24.76	24.77		
5	QPSK	12	0	23.92	24.05	24.04	25.7	0
5	QPSK	12	7	24.02	23.97	23.92		
5	QPSK	12	13	23.94	24.04	23.91		
5	QPSK	25	0	23.95	23.99	23.96		
5	16QAM	1	0	23.90	24.01	23.81	25.7	0
5	16QAM	1	12	23.72	23.85	23.72		
5	16QAM	1	24	23.80	23.91	23.80		
5	16QAM	12	0	22.95	23.05	22.99	24.7	1
5	16QAM	12	7	22.80	22.92	22.88		
5	16QAM	12	13	22.76	22.84	22.76		
5	16QAM	25	0	22.99	23.01	22.88		
5	64QAM	1	0	23.02	23.00	22.98	24.7	1
5	64QAM	1	12	22.88	22.99	22.91		
5	64QAM	1	24	22.84	22.98	22.90		
5	64QAM	12	0	21.97	21.96	21.85	23.7	2
5	64QAM	12	7	21.84	21.82	21.86		
5	64QAM	12	13	21.77	21.87	21.79		
5	64QAM	25	0	21.88	22.03	21.93		
5	256QAM	1	0	19.76	19.90	19.74	20.7	5
5	256QAM	1	12	19.75	19.81	19.70		
5	256QAM	1	24	19.81	19.82	19.71		
5	256QAM	12	0	19.94	19.99	19.90	20.7	5
5	256QAM	12	7	19.88	19.92	19.75		
5	256QAM	12	13	19.79	19.91	19.80		
5	256QAM	25	0	19.87	20.00	19.91		

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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	23.42	23.66	23.62	23.57	24.1	0
20	QPSK	1	49	23.38	23.51	23.46	23.48		
20	QPSK	1	99	23.39	23.48	23.34	23.44		
20	QPSK	50	0	23.53	23.61	23.51	23.54	24.1	0
20	QPSK	50	24	23.39	23.44	23.34	23.32		
20	QPSK	50	50	23.38	23.53	23.40	23.44		
20	QPSK	100	0	23.43	23.58	23.55	23.54		
20	16QAM	1	0	23.49	23.62	23.50	23.48	24.1	0
20	16QAM	1	49	23.43	23.58	23.47	23.48		
20	16QAM	1	99	23.54	23.57	23.44	23.32		
20	16QAM	50	0	22.65	22.70	22.67	22.57	23.1	1
20	16QAM	50	24	22.48	22.62	22.58	22.45		
20	16QAM	50	50	22.46	22.61	22.60	22.59		
20	16QAM	100	0	22.48	22.61	22.50	22.53		
20	64QAM	1	0	22.50	22.62	22.57	22.49	23.1	1
20	64QAM	1	49	22.52	22.58	22.42	22.54		
20	64QAM	1	99	22.53	22.57	22.35	22.48		
20	64QAM	50	0	21.59	21.68	21.57	21.57	22.1	2
20	64QAM	50	24	21.54	21.61	21.55	21.53		
20	64QAM	50	50	21.52	21.61	21.59	21.46		
20	64QAM	100	0	21.58	21.63	21.56	21.56		
20	256QAM	1	0	18.65	18.68	18.56	18.54	19.1	5
20	256QAM	1	49	18.41	18.55	18.48	18.50		
20	256QAM	1	99	18.41	18.54	18.56	18.51		
20	256QAM	50	0	18.56	18.71	18.66	18.61	19.1	5
20	256QAM	50	24	18.59	18.64	18.57	18.49		
20	256QAM	50	50	18.44	18.59	18.51	18.55		
20	256QAM	100	0	18.57	18.69	18.61	18.63		
Channel				55315	55820	56160	56665	Tune-up limit	MPR
Frequency (MHz)				3557.5	3608	3642	3692.5	(dBm)	(dB)
15	QPSK	1	0	23.32	23.53	23.54	23.43	24.1	0
15	QPSK	1	37	23.27	23.47	23.37	23.43		
15	QPSK	1	74	23.25	23.44	23.23	23.32		
15	QPSK	36	0	23.45	23.51	23.47	23.48	24.1	0
15	QPSK	36	20	23.32	23.31	23.26	23.20		
15	QPSK	36	39	23.32	23.47	23.33	23.34		
15	QPSK	75	0	23.38	23.44	23.49	23.51		
15	16QAM	1	0	23.43	23.51	23.45	23.35	24.1	0
15	16QAM	1	37	23.33	23.46	23.40	23.34		
15	16QAM	1	74	23.46	23.51	23.37	23.18		
15	16QAM	36	0	22.60	22.66	22.56	22.51	23.1	1
15	16QAM	36	20	22.34	22.53	22.44	22.34		
15	16QAM	36	39	22.32	22.52	22.47	22.52		
15	16QAM	75	0	22.40	22.54	22.37	22.48		
15	64QAM	1	0	22.39	22.54	22.54	22.38	23.1	1
15	64QAM	1	37	22.48	22.49	22.30	22.47		
15	64QAM	1	74	22.44	22.54	22.28	22.36		
15	64QAM	36	0	21.53	21.54	21.45	21.50	22.1	2
15	64QAM	36	20	21.46	21.47	21.41	21.45		
15	64QAM	36	39	21.47	21.51	21.56	21.34		
15	64QAM	75	0	21.52	21.56	21.44	21.51		
15	256QAM	1	0	18.52	18.54	18.51	18.44	19.1	5
15	256QAM	1	37	18.27	18.40	18.36	18.39		
15	256QAM	1	74	18.33	18.43	18.50	18.40		
15	256QAM	36	0	18.41	18.66	18.61	18.49	19.1	5
15	256QAM	36	20	18.51	18.58	18.51	18.43		
15	256QAM	36	39	18.31	18.47	18.44	18.52		
15	256QAM	75	0	18.45	18.56	18.55	18.58		
Channel				55290	55815	56165	56690	Tune-up limit	MPR
Frequency (MHz)				3555	3607.5	3642.5	3695	(dBm)	(dB)
10	QPSK	1	0	23.36	23.58	23.58	23.42	24.1	0
10	QPSK	1	25	23.27	23.43	23.37	23.39		
10	QPSK	1	49	23.26	23.41	23.24	23.39		
10	QPSK	25	0	23.42	23.55	23.37	23.44	24.1	0
10	QPSK	25	12	23.36	23.32	23.22	23.29		
10	QPSK	25	25	23.34	23.43	23.27	23.41		
10	QPSK	50	0	23.34	23.47	23.46	23.43		
10	16QAM	1	0	23.43	23.51	23.44	23.34	24.1	0
10	16QAM	1	25	23.30	23.53	23.42	23.44		
10	16QAM	1	49	23.49	23.49	23.39	23.22		
10	16QAM	25	0	22.58	22.65	22.58	22.44	23.1	1
10	16QAM	25	12	22.34	22.54	22.54	22.39		
10	16QAM	25	25	22.42	22.46	22.49	22.56		
10	16QAM	50	0	22.43	22.55	22.42	22.48		
10	64QAM	1	0	22.36	22.54	22.46	22.46	23.1	1
10	64QAM	1	25	22.49	22.53	22.30	22.45		
10	64QAM	1	49	22.46	22.52	22.25	22.44		
10	64QAM	25	0	21.50	21.60	21.43	21.49	22.1	2
10	64QAM	25	12	21.50	21.54	21.46	21.50		
10	64QAM	25	25	21.39	21.56	21.45	21.31		
10	64QAM	50	0	21.53	21.49	21.50	21.49		
10	256QAM	1	0	18.55	18.58	18.48	18.41	19.1	5
10	256QAM	1	25	18.35	18.49	18.34	18.43		
10	256QAM	1	49	18.27	18.47	18.47	18.43		
10	256QAM	25	0	18.47	18.60	18.61	18.55	19.1	5
10	256QAM	25	12	18.51	18.53	18.51	18.44		
10	256QAM	25	25	18.31	18.46	18.41	18.44		
10	256QAM	50	0	18.48	18.62	18.49	18.56		
Channel				55265	55810	56170	56715	Tune-up limit	MPR
Frequency (MHz)				3552.5	3607	3643	3697.5	(dBm)	(dB)
5	QPSK	1	0	23.28	23.54	23.48	23.46	24.1	0
5	QPSK	1	12	23.26	23.42	23.38	23.34		
5	QPSK	1	24	23.34	23.44	23.23	23.37		
5	QPSK	12	0	23.41	23.52	23.40	23.43	24.1	0
5	QPSK	12	7	23.30	23.40	23.28	23.21		
5	QPSK	12	13	23.30	23.45	23.36	23.33		
5	QPSK	25	0	23.39	23.52	23.49	23.47		
5	16QAM	1	0	23.41	23.54	23.38	23.34	24.1	0
5	16QAM	1	12	23.35	23.49	23.37	23.35		
5	16QAM	1	24	23.49	23.50	23.37	23.22		
5	16QAM	12	0	22.58	22.62	22.56	22.47	23.1	1
5	16QAM	12	7	22.43	22.48	22.47	22.42		
5	16QAM	12	13	22.33	22.56	22.52	22.51		
5	16QAM	25	0	22.38	22.54	22.43	22.49		
5	64QAM	1	0	22.44	22.53	22.42	22.43	23.1	1
5	64QAM	1	12	22.46	22.48	22.30	22.43		
5	64QAM	1	24	22.39	22.42	22.21	22.41		
5	64QAM	12	0	21.46	21.62	21.54	21.46	22.1	2
5	64QAM	12	7	21.45	21.50	21.46	21.47		
5	64QAM	12	13	21.39	21.49	21.49	21.37		
5	64QAM	25	0	21.45	21.59	21.46	21.44		
5	256QAM	1	0	18.54	18.64	18.46	18.39	19.1	5
5	256QAM	1	12	18.33	18.51	18.37	18.35		
5	256QAM	1	24	18.28	18.42	18.45	18.36		
5	256QAM	12	0	18.48	18.67	18.61	18.53	19.1	5
5	256QAM	12	7	18.50	18.58	18.51	18.39		
5	256QAM	12	13	18.38	18.55	18.39	18.45		
5	256QAM	25	0	18.42	18.61	18.49	18.60		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	20.21	20.22	20.18	20.7	0
20	QPSK	1	49	20.17	20.06	19.91		
20	QPSK	1	99	20.04	20.06	19.88		
20	QPSK	50	0	20.04	20.05	19.99	20.7	0
20	QPSK	50	24	20.02	20.03	19.98		
20	QPSK	50	50	19.88	19.92	19.79		
20	QPSK	100	0	20.03	20.04	20.01		
20	16QAM	1	0	20.04	19.92	19.77		
20	16QAM	1	49	19.91	20.06	19.82	20.7	0
20	16QAM	1	99	20.03	20.13	20.12		
20	16QAM	50	0	20.01	20.07	20.00	20.7	0
20	16QAM	50	24	19.84	20.00	19.78		
20	16QAM	50	50	20.11	20.19	20.08		
20	16QAM	100	0	20.12	19.99	19.83		
20	64QAM	1	0	19.90	19.90	19.80	20.7	0
20	64QAM	1	49	20.10	20.10	20.24		
20	64QAM	1	99	19.90	19.99	19.89		
20	64QAM	50	0	19.74	19.89	19.92	20.7	0
20	64QAM	50	24	20.01	20.13	20.16		
20	64QAM	50	50	19.88	19.89	19.75		
20	64QAM	100	0	19.92	20.07	19.83		
20	256QAM	1	0	20.10	20.09	20.04	20.7	0
20	256QAM	1	49	20.00	19.97	19.88		
20	256QAM	1	99	19.80	20.02	19.73		
20	256QAM	50	0	20.05	20.21	20.09	20.7	0
20	256QAM	50	24	20.08	19.94	20.01		
20	256QAM	50	50	19.81	20.03	19.78		
20	256QAM	100	0	19.85	20.06	19.79		
Channel				42165	42590	43015	Tune-up limit	MPR
Frequency (MHz)				3457.5	3500	3542.5	(dBm)	(dB)
15	QPSK	1	0	20.13	20.06	20.04	20.7	0
15	QPSK	1	37	20.08	19.84	19.80		
15	QPSK	1	74	19.84	19.84	19.80		
15	QPSK	36	0	19.86	19.88	19.86	20.7	0
15	QPSK	36	20	19.86	19.91	19.75		
15	QPSK	36	39	19.73	19.83	19.61		
15	QPSK	75	0	19.90	19.97	19.83		
15	16QAM	1	0	19.82	19.73	19.59	20.7	0
15	16QAM	1	37	19.76	19.98	19.72		
15	16QAM	1	74	19.85	19.97	19.90		
15	16QAM	36	0	19.92	19.98	19.86	20.7	0
15	16QAM	36	20	19.67	19.85	19.58		
15	16QAM	36	39	20.02	20.08	19.94		
15	16QAM	75	0	19.90	19.83	19.67		
15	64QAM	1	0	19.83	19.71	19.63	20.7	0
15	64QAM	1	37	20.02	20.00	20.08		
15	64QAM	1	74	19.79	19.85	19.80		
15	64QAM	36	0	19.59	19.70	19.76	20.7	0
15	64QAM	36	20	19.82	19.92	19.94		
15	64QAM	36	39	19.80	19.73	19.53		
15	64QAM	75	0	19.81	19.95	19.71		
15	256QAM	1	0	19.91	19.98	19.89	20.7	0
15	256QAM	1	37	19.92	19.84	19.77		
15	256QAM	1	74	19.60	19.93	19.55		
15	256QAM	36	0	19.86	20.05	19.96	20.7	0
15	256QAM	36	20	19.92	19.81	19.90		
15	256QAM	36	39	19.58	19.82	19.56		
15	256QAM	75	0	19.70	19.96	19.72		
Channel				42140	42590	43040	Tune-up limit	MPR
Frequency (MHz)				3455	3500	3545	(dBm)	(dB)
10	QPSK	1	0	20.02	20.06	20.02	20.7	0
10	QPSK	1	25	19.99	19.88	19.71		
10	QPSK	1	49	19.94	19.91	19.73		
10	QPSK	25	0	19.84	19.95	19.80	20.7	0
10	QPSK	25	12	19.94	19.95	19.84		
10	QPSK	25	25	19.77	19.79	19.63		
10	QPSK	50	0	19.92	19.92	19.90		
10	16QAM	1	0	19.92	19.81	19.55	20.7	0
10	16QAM	1	25	19.81	19.94	19.63		
10	16QAM	1	49	19.83	19.91	19.94		
10	16QAM	25	0	19.81	19.88	19.83	20.7	0
10	16QAM	25	12	19.67	19.89	19.58		
10	16QAM	25	25	19.89	20.02	19.91		
10	16QAM	50	0	20.00	19.84	19.62		
10	64QAM	1	0	19.69	19.76	19.61	20.7	0
10	64QAM	1	25	19.95	19.99	20.07		
10	64QAM	1	49	19.72	19.85	19.73		
10	64QAM	25	0	19.64	19.78	19.71	20.7	0
10	64QAM	25	12	19.79	19.98	19.99		
10	64QAM	25	25	19.79	19.78	19.63		
10	64QAM	50	0	19.75	19.91	19.63		
10	256QAM	1	0	19.96	19.91	19.94	20.7	0
10	256QAM	1	25	19.83	19.84	19.80		
10	256QAM	1	49	19.72	19.79	19.66		
10	256QAM	25	0	19.88	20.05	19.89	20.7	0
10	256QAM	25	12	19.86	19.71	19.83		
10	256QAM	25	25	19.69	19.94	19.70		
10	256QAM	50	0	19.71	19.97	19.59		
Channel				42115	42590	43065	Tune-up limit	MPR
Frequency (MHz)				3452.5	3500	3547.5	(dBm)	(dB)
5	QPSK	1	0	20.01	20.14	19.98	20.7	0
5	QPSK	1	12	19.96	19.92	19.79		
5	QPSK	1	24	19.92	19.96	19.78		
5	QPSK	12	0	19.95	19.85	19.88	20.7	0
5	QPSK	12	7	19.94	19.95	19.78		
5	QPSK	12	13	19.69	19.71	19.66		
5	QPSK	25	0	19.92	19.99	19.88		
5	16QAM	1	0	19.94	19.83	19.61	20.7	0
5	16QAM	1	12	19.70	19.85	19.66		
5	16QAM	1	24	19.87	19.95	19.91		
5	16QAM	12	0	19.79	19.88	19.92	20.7	0
5	16QAM	12	7	19.76	19.98	19.69		
5	16QAM	12	13	20.01	19.97	20.00		
5	16QAM	25	0	19.97	19.79	19.61		
5	64QAM	1	0	19.73	19.68	19.60	20.7	0
5	64QAM	1	12	19.94	20.00	20.06		
5	64QAM	1	24	19.71	19.87	19.70		
5	64QAM	12	0	19.61	19.68	19.80	20.7	0
5	64QAM	12	7	19.85	20.03	19.96		
5	64QAM	12	13	19.73	19.73	19.53		
5	64QAM	25	0	19.80	20.00	19.65		
5	256QAM	1	0	19.89	19.88	19.82	20.7	0
5	256QAM	1	12	19.94	19.82	19.75		
5	256QAM	1	24	19.68	19.89	19.53		
5	256QAM	12	0	19.92	20.12	19.95	20.7	0
5	256QAM	12	7	20.00	19.87	19.79		
5	256QAM	12	13	19.66	19.82	19.68		
5	256QAM	25	0	19.68	19.97	19.71		

Band 48 Ant12 DSI 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	19.43	19.64	19.56	19.63	20.2	0
20	QPSK	1	49	19.23	19.52	19.45	19.60		
20	QPSK	1	99	19.25	19.54	19.41	19.51		
20	QPSK	50	0	19.23	19.52	19.43	19.44	20.2	0
20	QPSK	50	24	19.41	19.48	19.40	19.43		
20	QPSK	50	50	19.26	19.43	19.31	19.42		
20	QPSK	100	0	19.25	19.49	19.40	19.48		
20	16QAM	1	0	19.24	19.57	19.40	19.52	20.2	0
20	16QAM	1	49	19.43	19.58	19.33	19.61		
20	16QAM	1	99	19.27	19.52	19.41	19.42		
20	16QAM	50	0	19.39	19.58	19.23	19.49	20.2	0
20	16QAM	50	24	19.23	19.47	19.43	19.47		
20	16QAM	50	50	19.32	19.41	19.32	19.58		
20	16QAM	100	0	19.27	19.45	19.30	19.43		
20	64QAM	1	0	19.37	19.49	19.22	19.57	20.2	0
20	64QAM	1	49	19.43	19.45	19.43	19.59		
20	64QAM	1	99	19.37	19.54	19.35	19.53		
20	64QAM	50	0	19.26	19.60	19.28	19.61	20.2	0
20	64QAM	50	24	19.30	19.60	19.26	19.45		
20	64QAM	50	50	19.30	19.52	19.33	19.44		
20	64QAM	100	0	19.44	19.59	19.35	19.57		
20	256QAM	1	0	18.38	18.52	18.42	18.45	19.2	1
20	256QAM	1	49	18.27	18.42	18.40	18.32		
20	256QAM	1	99	18.27	18.47	18.27	18.33		
20	256QAM	50	0	18.35	18.56	18.51	18.53	19.2	1
20	256QAM	50	24	18.22	18.44	18.39	18.37		
20	256QAM	50	50	18.31	18.52	18.45	18.42		
20	256QAM	100	0	18.44	18.59	18.51	18.45		
Channel				55315	55820	56160	56665	Tune-up limit	MPR
Frequency (MHz)				3557.5	3608	3642	3692.5	(dBm)	(dB)
15	QPSK	1	0	19.36	19.61	19.33	19.57	20.2	0
15	QPSK	1	37	19.24	19.40	19.21	19.45		
15	QPSK	1	74	19.26	19.35	19.21	19.33		
15	QPSK	36	0	19.10	19.32	19.19	19.42	20.2	0
15	QPSK	36	20	19.28	19.49	19.28	19.51		
15	QPSK	36	39	19.20	19.43	19.17	19.36		
15	QPSK	75	0	19.18	19.32	19.22	19.27		
15	16QAM	1	0	19.18	19.54	19.15	19.57	20.2	0
15	16QAM	1	37	19.24	19.54	19.30	19.55		
15	16QAM	1	74	19.20	19.51	19.18	19.48		
15	16QAM	36	0	19.34	19.59	19.43	19.45	20.2	0
15	16QAM	36	20	19.22	19.25	19.38	19.49		
15	16QAM	36	39	19.31	19.23	19.12	19.42		
15	16QAM	75	0	19.23	19.33	19.10	19.38		
15	64QAM	1	0	19.18	19.32	19.20	19.29	20.2	0
15	64QAM	1	37	19.26	19.47	19.21	19.40		
15	64QAM	1	74	19.23	19.39	19.32	19.47		
15	64QAM	36	0	19.16	19.60	19.26	19.46	20.2	0
15	64QAM	36	20	19.13	19.41	19.29	19.52		
15	64QAM	36	39	19.15	19.36	19.29	19.50		
15	64QAM	75	0	19.45	19.42	19.37	19.58		
15	256QAM	1	0	18.22	18.53	18.28	18.42	19.2	1
15	256QAM	1	37	18.24	18.36	18.23	18.31		
15	256QAM	1	74	18.15	18.43	18.21	18.34		
15	256QAM	36	0	18.32	18.50	18.27	18.36	19.2	1
15	256QAM	36	20	18.08	18.28	18.10	18.34		
15	256QAM	36	39	18.15	18.33	18.14	18.41		
15	256QAM	75	0	18.29	18.38	18.37	18.60		
Channel				55290	55815	56165	56690	Tune-up limit	MPR
Frequency (MHz)				3552	3607.5	3642.5	3695	(dBm)	(dB)
10	QPSK	1	0	19.22	19.63	19.42	19.49	20.2	0
10	QPSK	1	25	19.29	19.52	19.24	19.40		
10	QPSK	1	49	19.43	19.52	19.25	19.49		
10	QPSK	25	0	19.17	19.39	19.11	19.47	20.2	0
10	QPSK	25	12	19.36	19.61	19.36	19.37		
10	QPSK	25	25	19.18	19.35	19.23	19.25		
10	QPSK	50	0	19.21	19.37	19.13	19.32		
10	16QAM	1	0	19.36	19.55	19.37	19.58	20.2	0
10	16QAM	1	25	19.18	19.31	19.29	19.52		
10	16QAM	1	49	19.25	19.35	19.36	19.47		
10	16QAM	25	0	19.21	19.45	19.20	19.36	20.2	0
10	16QAM	25	12	19.07	19.35	19.18	19.30		
10	16QAM	25	25	19.27	19.28	19.11	19.30		
10	16QAM	50	0	19.13	19.32	19.17	19.33		
10	64QAM	1	0	19.21	19.30	19.31	19.31	20.2	0
10	64QAM	1	25	19.44	19.33	19.37	19.27		
10	64QAM	1	49	19.25	19.33	19.21	19.56		
10	64QAM	25	0	19.24	19.49	19.10	19.45	20.2	0
10	64QAM	25	12	19.13	19.46	19.31	19.51		
10	64QAM	25	25	19.14	19.53	19.27	19.39		
10	64QAM	50	0	19.38	19.51	19.32	19.40		
10	256QAM	1	0	18.20	18.36	18.40	18.46	19.2	1
10	256QAM	1	25	18.17	18.28	18.21	18.34		
10	256QAM	1	49	18.24	18.36	18.29	18.25		
10	256QAM	25	0	18.23	18.54	18.20	18.46	19.2	1
10	256QAM	25	12	18.21	18.29	18.11	18.41		
10	256QAM	25	25	18.13	18.39	18.28	18.46		
10	256QAM	50	0	18.34	18.38	18.30	18.40		
Channel				55265	55810	56170	56715	Tune-up limit	MPR
Frequency (MHz)				3550.5	3607	3643	3697.5	(dBm)	(dB)
5	QPSK	1	0	19.30	19.41	19.37	19.47	20.2	0
5	QPSK	1	12	19.33	19.56	19.40	19.43		
5	QPSK	1	24	19.27	19.52	19.26	19.55		
5	QPSK	12	0	19.16	19.37	19.22	19.34	20.2	0
5	QPSK	12	7	19.32	19.44	19.19	19.48		
5	QPSK	12	13	19.17	19.41	19.21	19.33		
5	QPSK	25	0	19.21	19.36	19.10	19.26		
5	16QAM	1	0	19.32	19.40	19.37	19.54	20.2	0
5	16QAM	1	12	19.26	19.43	19.26	19.36		
5	16QAM	1	24	19.21	19.43	19.19	19.36		
5	16QAM	12	0	19.34	19.41	19.21	19.42	20.2	0
5	16QAM	12	7	19.06	19.32	19.23	19.43		
5	16QAM	12	13	19.21	19.35	19.26	19.26		
5	16QAM	25	0	19.22	19.46	19.29	19.44		
5	64QAM	1	0	19.38	19.36	19.28	19.37	20.2	0
5	64QAM	1	12	19.26	19.33	19.41	19.30		
5	64QAM	1	24	19.32	19.50	19.34	19.49		
5	64QAM	12	0	19.22	19.48	19.22	19.43	20.2	0
5	64QAM	12	7	19.24	19.45	19.12	19.61		
5	64QAM	12	13	19.27	19.49	19.11	19.33		
5	64QAM	25	0	19.39	19.41	19.37	19.48		
5	256QAM	1	0	18.38	18.31	18.24	18.53	19.2	1
5	256QAM	1	12	18.08	18.33	18.11	18.32		
5	256QAM	1	24	18.07	18.28	18.28	18.35		
5	256QAM	12	0	18.17	18.37	18.26	18.40	19.2	1
5	256QAM	12	7	18.13	18.33	18.05	18.40		
5	256QAM	12	13	18.26	18.50	18.24	18.49		
5	256QAM	25	0	18.34	18.46	18.27	18.60		

Reduced Power Mode for DSIS

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	32.94	32.79	32.88	33.40	23.84	23.79	23.88	24.40
GPRS 1 Tx slot	32.81	32.74	32.85	33.40	23.81	23.74	23.85	24.40
GPRS 2 Tx slots	29.79	29.71	29.85	30.40	23.79	23.71	23.85	24.40
GPRS 3 Tx slots	28.05	27.89	28.00	28.60	23.79	23.63	23.74	24.34
GPRS 4 Tx slots	26.94	27.04	27.00	27.40	23.94	24.04	24.00	24.40
EDGE 1 Tx slot	26.65	26.66	26.63	27.50	17.65	17.66	17.63	18.50
EDGE 2 Tx slots	23.97	23.91	23.97	24.50	17.97	17.91	17.97	18.50
EDGE 3 Tx slots	22.08	22.10	22.13	22.70	17.82	17.84	17.87	18.44
EDGE 4 Tx slots	20.98	20.94	21.00	21.50	17.98	17.94	18.00	18.50

		WCDMA IV Ant0 DSI 5				WCDMA V Ant0 DSI 5			
Band		WCDMA IV			Tune-up Limit (dBm)	WCDMA V			Tune-up Limit (dBm)
TX Channel		1312	1413	1513		4132	4182	4233	
Rx Channel		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	20.73	20.74	20.76	22.20	23.62	23.60	23.52	24.50
3GPP Rel 99	RMC 12.2Kbps	20.75	20.80	20.78	22.20	23.77	23.81	23.64	24.50
3GPP Rel 6	HSDPA Subtest-1	19.76	19.66	19.86	21.20	22.60	22.62	22.62	23.50
3GPP Rel 6	HSDPA Subtest-2	19.87	19.75	19.53	21.20	22.65	22.79	22.62	23.50
3GPP Rel 6	HSDPA Subtest-3	19.08	19.24	19.25	20.70	22.01	22.31	22.08	23.00
3GPP Rel 6	HSDPA Subtest-4	19.09	19.33	19.26	20.70	22.08	22.33	22.19	23.00
3GPP Rel 8	DC-HSDPA Subtest-1	19.88	19.77	19.50	21.20	22.79	22.70	22.53	23.50
3GPP Rel 8	DC-HSDPA Subtest-2	19.65	19.90	19.60	21.20	22.58	22.75	22.67	23.50
3GPP Rel 8	DC-HSDPA Subtest-3	19.24	19.34	19.24	20.70	21.95	22.10	22.14	23.00
3GPP Rel 8	DC-HSDPA Subtest-4	19.13	19.27	19.26	20.70	22.10	22.11	22.05	23.00
3GPP Rel 6	HSUPA Subtest-1	19.69	19.77	19.94	21.20	22.96	22.62	22.74	23.50
3GPP Rel 6	HSUPA Subtest-2	17.77	17.92	17.69	19.20	20.71	20.67	20.59	21.50
3GPP Rel 6	HSUPA Subtest-3	18.80	18.92	18.65	20.20	21.65	21.67	21.52	22.50
3GPP Rel 6	HSUPA Subtest-4	17.75	17.72	17.89	19.20	20.48	20.73	20.76	21.50
3GPP Rel 6	HSUPA Subtest-5	19.65	19.85	19.67	21.20	22.65	22.65	22.54	23.50
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	17.21	17.27	17.10	18.70	20.22	20.24	20.11	21.00

Band 4 Ant0 DSI 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	23.48	23.55	23.40		
20	QPSK	1	49	23.26	23.40	23.22	25	0
20	QPSK	1	99	23.29	23.07	23.48		
20	QPSK	50	0	23.44	23.54	23.50		
20	QPSK	50	24	23.48	23.51	23.48	25	0
20	QPSK	50	50	23.31	23.44	23.28		
20	QPSK	100	0	23.74	23.78	23.99		
20	16QAM	1	0	23.40	23.44	23.25		
20	16QAM	1	49	23.40	23.50	23.46	25	0
20	16QAM	1	99	23.29	23.41	23.32		
20	16QAM	50	0	22.90	23.07	23.05		
20	16QAM	50	24	22.78	22.93	22.91	24.5	0.5
20	16QAM	50	50	22.93	22.91	22.86		
20	16QAM	100	0	22.96	23.00	22.88		
20	64QAM	1	0	22.88	23.09	22.99		
20	64QAM	1	49	22.87	22.96	22.75	24.5	0.5
20	64QAM	1	99	22.87	22.95	22.90		
20	64QAM	50	0	21.92	21.97	21.96		
20	64QAM	50	24	21.88	21.95	21.93	23.5	1.5
20	64QAM	50	50	21.79	21.94	21.84		
20	64QAM	100	0	21.85	21.97	21.89		
20	256QAM	1	0	19.04	19.14	19.02		
20	256QAM	1	49	18.89	18.95	18.77	20.5	4.5
20	256QAM	1	99	18.83	18.97	18.96		
20	256QAM	50	0	18.78	18.97	18.85		
20	256QAM	50	24	18.75	18.89	18.71	20.5	4.5
20	256QAM	50	50	18.78	18.91	18.74		
20	256QAM	100	0	18.85	18.97	18.86		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	23.33	23.40	23.29		
15	QPSK	1	37	23.05	23.20	23.12	25	0
15	QPSK	1	74	23.17	23.30	23.43		
15	QPSK	36	0	23.39	23.49	23.43		
15	QPSK	36	20	23.38	23.38	23.29	25	0
15	QPSK	36	39	23.17	23.27	23.27		
15	QPSK	75	0	23.20	23.33	23.15		
15	16QAM	1	0	23.39	23.32	23.24		
15	16QAM	1	37	23.36	23.41	23.36	25	0
15	16QAM	1	74	23.17	23.34	23.45		
15	16QAM	36	0	22.73	22.94	23.04		
15	16QAM	36	20	22.64	22.89	22.89	24.5	0.5
15	16QAM	36	39	22.75	22.77	22.80		
15	16QAM	75	0	22.96	23.02	22.67		
15	64QAM	1	0	22.70	22.99	23.01		
15	64QAM	1	37	22.79	22.82	22.66	24.5	0.5
15	64QAM	1	74	22.71	22.91	22.84		
15	64QAM	36	0	21.70	21.80	21.91		
15	64QAM	36	20	21.78	21.85	21.91	23.5	1.5
15	64QAM	36	39	21.81	21.78	21.80		
15	64QAM	75	0	21.81	21.82	21.72		
15	256QAM	1	0	19.02	18.99	18.99		
15	256QAM	1	37	18.87	18.92	18.85	20.5	4.5
15	256QAM	1	74	18.63	18.88	18.85		
15	256QAM	36	0	18.69	18.83	18.72		
15	256QAM	36	20	18.55	18.71	18.58	20.5	4.5
15	256QAM	36	39	18.80	18.93	18.62		
15	256QAM	75	0	18.67	18.79	18.67		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	23.39	23.46	23.19		
10	QPSK	1	25	23.12	23.18	23.20	25	0
10	QPSK	1	49	23.18	23.31	23.44		
10	QPSK	25	0	23.24	23.46	23.46		
10	QPSK	25	12	23.40	23.47	23.29	25	0
10	QPSK	25	25	23.33	23.47	23.30		
10	QPSK	50	0	23.30	23.20	23.16		
10	16QAM	1	0	23.35	23.29	23.26		
10	16QAM	1	25	23.37	23.32	23.38	25	0
10	16QAM	1	49	23.25	23.17	23.17		
10	16QAM	25	0	22.84	22.87	22.93		
10	16QAM	25	12	22.76	22.83	22.92	24.5	0.5
10	16QAM	25	25	22.78	22.75	22.68		
10	16QAM	50	0	22.96	22.78	22.71		
10	64QAM	1	0	22.84	22.98	22.87		
10	64QAM	1	25	22.77	22.95	22.63	24.5	0.5
10	64QAM	1	49	22.87	22.81	22.85		
10	64QAM	25	0	21.95	21.92	21.92		
10	64QAM	25	12	21.72	21.91	21.73	23.5	1.5
10	64QAM	25	25	21.75	21.77	21.72		
10	64QAM	50	0	21.68	21.77	21.83		
10	256QAM	1	0	19.05	18.97	19.00		
10	256QAM	1	25	18.76	18.90	18.55	20.5	4.5
10	256QAM	1	49	18.77	18.90	18.75		
10	256QAM	25	0	18.71	18.86	18.80		
10	256QAM	25	12	18.68	18.77	18.68	20.5	4.5
10	256QAM	25	25	18.70	18.75	18.74		
10	256QAM	50	0	18.86	18.77	18.77		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	23.39	23.34	23.31		
5	QPSK	1	12	23.08	23.38	23.20	25	0
5	QPSK	1	24	23.23	23.42	23.26		
5	QPSK	12	0	23.41	23.48	23.43		
5	QPSK	12	7	23.37	23.48	23.30	25	0
5	QPSK	12	13	23.18	23.34	23.11		
5	QPSK	25	0	23.14	23.19	23.31		
5	16QAM	1	0	23.37	23.42	23.18		
5	16QAM	1	12	23.49	23.49	23.29	25	0
5	16QAM	1	24	23.25	23.22	23.14		
5	16QAM	12	0	22.91	22.99	23.05		
5	16QAM	12	7	22.69	22.78	22.83	24.5	0.5
5	16QAM	12	13	22.80	22.82	22.79		
5	16QAM	25	0	22.80	22.87	22.71		
5	64QAM	1	0	22.77	22.91	22.81		
5	64QAM	1	12	22.82	22.97	22.55	24.5	0.5
5	64QAM	1	24	22.68	22.76	22.69		
5	64QAM	12	0	21.83	21.85	21.92		
5	64QAM	12	7	21.78	21.95	21.74	23.5	1.5
5	64QAM	12	13	21.79	21.86	21.77		
5	64QAM	25	0	21.69	21.80	21.70		
5	256QAM	1	0	19.01	19.11	18.91		
5	256QAM	1	12	18.83	18.95	18.66	20.5	4.5
5	256QAM	1	24	18.61	18.81	18.94		
5	256QAM	12	0	18.69	18.89	18.69		
5	256QAM	12	7	18.74	18.69	18.53	20.5	4.5
5	256QAM	12	13	18.71	18.85	18.65		
5	256QAM	25	0	18.66	18.81	18.68		
Channel				19925	20175	20425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	23.38	23.46	23.39		
3	QPSK	1	8	23.09	23.37	23.01	25	0
3	QPSK	1	14	23.10	23.41	23.37		
3	QPSK	8	0	23.31	23.45	23.44		
3	QPSK	8	4	23.33	23.31	23.32	25	0
3	QPSK	8	7	23.11	23.33	23.16		
3	QPSK	15	0	23.15	23.28	23.21		
3	16QAM	1	0	23.26	23.23	23.13		
3	16QAM	1	8	23.23	23.32	23.37	25	0
3	16QAM	1	14	23.19	23.28	23.34		
3	16QAM	8	0	22.72	22.99	23.06		
3	16QAM	8	4	22.67	22.73	22.86	24.5	0.5
3	16QAM	8	7	22.86	22.74	22.82		
3	16QAM	15	0	22.80	22.93	22.84		
3	64QAM	1	0	22.81	22.93	22.98		
3	64QAM	1	8	22.83	22.87	22.68	24.5	0.5
3	64QAM	1	14	22.77	22.76	22.90		
3	64QAM	8	0	21.72	21.88	21.80		
3	64QAM	8	4	21.74	21.79	21.75	23.5	1.5
3	64QAM	8	7	21.72	21.87	21.72		
3	64QAM	15	0	21.82	21.86	21.75		
3	256QAM	1	0	18.99	18.98	18.89		
3	256QAM	1	8	18.83	18.87	18.72	20.5	4.5
3	256QAM	1	14	18.83	18.89	18.65		
3	256QAM	8	0	18.77	18.94	18.70		
3	256QAM	8	4	18.64	18.71	18.67	20.5	4.5
3	256QAM	8	7	18.71	18.76	18.59		
3	256QAM	15	0	18.64	18.80	18.80		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	23.44	23.41	23.38		
1.4	QPSK	1	3	23.25	23.22	23.12		
1.4	QPSK	1	5	23.30	23.35	23.40	25	0
1.4	QPSK	3	0	23.41	23.43	23.35		
1.4	QPSK	3	1	23.48	23.51	23.29		
1.4	QPSK	3	3	23.21	23.39	23.26		
1.4	QPSK	6	0	23.28	23.29	23.11	25	0
1.4	16QAM	1	0	23.20	23.44	23.26		
1.4	16QAM	1	3	23.26	23.49	23.33		
1.4	16QAM	1	5	23.24	23.28	23.22	25	0
1.4	16QAM	3	0	23.23	23.45	23.36		
1.4	16QAM	3	1	23.16	23.32	23.42		
1.4	16QAM	3	3	23.25	23.42	23.35		
1.4	16QAM	6	0	22.75	22.89	22.76	24.5	0.5
1.4	64QAM	1	0	22.88	22.88	22.96		
1.4	64QAM	1	3	22.79	22.97	22.59		
1.4	64QAM	1	5	22.81	22.95	22.79	24.5	0.5
1.4	64QAM	3	0	22.86	22.91	22.85		
1.4	64QAM	3	1	22.88	22.74	22.95		
1.4	64QAM	3	3	22.66	22.77	22.85		
1.4	64QAM	6	0	21.68	21.85	21.77	23.5	1.5
1.4	256QAM	1	0	18.99	19.02	18.83		
1.4	256QAM	1	3	18.74	18.90	18.59		
1.4	256QAM	1	5	18.74	18.91	18.79	20.5	4.5
1.4	256QAM	3	0	18.66	18.92	18.67		
1.4	256QAM	3	1	18.59	18.78	18.51		
1.4	256QAM	3	3	18.59	18.88	18.73		
1.4	256QAM	6	0	18.75	18.77	18.84	20.5	4.5

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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	24.46	24.53	24.42		
10	QPSK	1	25	24.51	24.44	24.34	25.2	0
10	QPSK	1	49	24.49	24.44	24.32		
10	QPSK	25	0	24.34	24.49	24.48		
10	QPSK	25	12	24.40	24.37	24.37	25.2	0
10	QPSK	25	25	24.40	24.33	24.45		
10	QPSK	50	0	24.34	24.39	24.36		
10	16QAM	1	0	24.40	24.37	24.43		
10	16QAM	1	25	24.46	24.36	24.50	25.2	0
10	16QAM	1	49	24.40	24.44	24.48		
10	16QAM	25	0	23.82	23.90	23.88		
10	16QAM	25	12	23.82	23.92	23.86	24.7	0.5
10	16QAM	25	25	23.70	23.91	23.83		
10	16QAM	50	0	23.87	24.00	23.72		
10	64QAM	1	0	24.02	24.03	24.08		
10	64QAM	1	25	23.94	24.06	23.95	24.7	0.5
10	64QAM	1	49	23.90	23.91	23.87		
10	64QAM	25	0	22.89	22.94	22.98		
10	64QAM	25	12	22.77	22.98	22.91	23.7	1.5
10	64QAM	25	25	22.74	22.92	22.67		
10	64QAM	50	0	22.70	22.83	22.70		
10	256QAM	1	0	19.85	20.06	19.88		
10	256QAM	1	25	19.85	19.88	19.73	20.7	4.5
10	256QAM	1	49	19.78	19.91	19.81		
10	256QAM	25	0	19.90	19.82	19.77		
10	256QAM	25	12	19.86	19.77	19.74	20.7	4.5
10	256QAM	25	25	19.76	19.80	19.69		
10	256QAM	50	0	19.92	19.93	19.92		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	24.32	24.46	24.25		
5	QPSK	1	12	24.37	24.44	24.32	25.2	0
5	QPSK	1	24	24.42	24.25	24.13		
5	QPSK	12	0	24.24	24.41	24.45		
5	QPSK	12	7	24.22	24.24	24.16	25.2	0
5	QPSK	12	13	24.38	24.11	24.44		
5	QPSK	25	0	24.35	24.37	24.34		
5	16QAM	1	0	24.42	24.39	24.35		
5	16QAM	1	12	24.26	24.22	24.45	25.2	0
5	16QAM	1	24	24.51	24.28	24.36		
5	16QAM	12	0	23.73	23.69	23.79		
5	16QAM	12	7	23.76	23.89	23.69	24.7	0.5
5	16QAM	12	13	23.48	23.92	23.68		
5	16QAM	25	0	23.86	23.82	23.67		
5	64QAM	1	0	23.86	24.03	23.90		
5	64QAM	1	12	23.95	23.90	23.79	24.7	0.5
5	64QAM	1	24	23.88	23.89	23.70		
5	64QAM	12	0	22.76	22.78	22.80		
5	64QAM	12	7	22.55	22.77	22.74	23.7	1.5
5	64QAM	12	13	22.57	22.83	22.54		
5	64QAM	25	0	22.54	22.82	22.56		
5	256QAM	1	0	19.74	19.99	19.90		
5	256QAM	1	12	19.86	19.87	19.68	20.7	4.5
5	256QAM	1	24	19.58	19.93	19.75		
5	256QAM	12	0	19.85	19.74	19.58		
5	256QAM	12	7	19.69	19.56	19.52	20.7	4.5
5	256QAM	12	13	19.57	19.63	19.55		
5	256QAM	25	0	19.93	19.90	19.74		
Channel				20400	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	24.34	24.33	24.33		
3	QPSK	1	8	24.45	24.35	24.24	25.2	0
3	QPSK	1	14	24.26	24.31	24.16		
3	QPSK	8	0	24.26	24.46	24.31		
3	QPSK	8	4	24.33	24.16	24.28	25.2	0
3	QPSK	8	7	24.41	24.28	24.32		
3	QPSK	15	0	24.28	24.25	24.35		
3	16QAM	1	0	24.23	24.36	24.41		
3	16QAM	1	8	24.32	24.35	24.51	25.2	0
3	16QAM	1	14	24.47	24.44	24.46		
3	16QAM	8	0	23.75	23.69	23.70		
3	16QAM	8	4	23.77	23.80	23.77	24.7	0.5
3	16QAM	8	7	23.54	23.87	23.64		
3	16QAM	15	0	23.84	23.80	23.52		
3	64QAM	1	0	23.85	24.05	23.94		
3	64QAM	1	8	23.84	24.04	23.94	24.7	0.5
3	64QAM	1	14	23.92	23.90	23.78		
3	64QAM	8	0	22.84	22.75	22.86		
3	64QAM	8	4	22.74	22.80	22.89	23.7	1.5
3	64QAM	8	7	22.66	22.73	22.62		
3	64QAM	15	0	22.71	22.74	22.63		
3	256QAM	1	0	19.68	20.06	19.90		
3	256QAM	1	8	19.82	19.66	19.68	20.7	4.5
3	256QAM	1	14	19.58	19.92	19.59		
3	256QAM	8	0	19.91	19.63	19.67		
3	256QAM	8	4	19.67	19.75	19.64	20.7	4.5
3	256QAM	8	7	19.59	19.75	19.62		
3	256QAM	15	0	19.82	19.93	19.76		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	24.30	24.33	24.38		
1.4	QPSK	1	3	24.39	24.24	24.13		
1.4	QPSK	1	5	24.33	24.31	24.13	25.2	0
1.4	QPSK	3	0	24.17	24.48	24.42		
1.4	QPSK	3	1	24.31	24.28	24.35		
1.4	QPSK	3	3	24.36	24.14	24.31		
1.4	QPSK	6	0	24.14	24.28	24.20	25.2	0
1.4	16QAM	1	0	24.29	24.20	24.36		
1.4	16QAM	1	3	24.48	24.41	24.45		
1.4	16QAM	1	5	24.49	24.41	24.41	25.2	0
1.4	16QAM	3	0	24.29	24.28	24.17		
1.4	16QAM	3	1	24.25	24.05	24.07		
1.4	16QAM	3	3	24.32	24.23	24.06		
1.4	16QAM	6	0	23.99	24.35	24.26	24.7	0.5
1.4	64QAM	1	0	24.32	24.21	24.13		
1.4	64QAM	1	3	24.15	23.98	24.15		
1.4	64QAM	1	5	23.98	24.09	24.00	24.7	0.5
1.4	64QAM	3	0	24.26	24.19	24.28		
1.4	64QAM	3	1	24.24	24.06	24.25		
1.4	64QAM	3	3	24.47	24.24	24.32		
1.4	64QAM	6	0	23.29	23.29	23.46	23.7	1.5
1.4	256QAM	1	0	20.32	20.18	20.35		
1.4	256QAM	1	3	20.27	20.14	20.48		
1.4	256QAM	1	5	20.20	20.15	20.51	20.7	4.5
1.4	256QAM	3	0	20.36	20.20	20.51		
1.4	256QAM	3	1	20.22	20.16	20.43		
1.4	256QAM	3	3	20.21	20.26	20.37		
1.4	256QAM	6	0	20.37	20.30	20.31	20.7	4.5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	20.17	20.45	20.44		
20	QPSK	1	49	20.30	20.42	20.30	21.7	0
20	QPSK	1	99	20.11	20.26	20.21		
20	QPSK	50	0	20.27	20.38	20.30		
20	QPSK	50	24	20.12	20.26	20.29	21.7	0
20	QPSK	50	50	20.19	20.20	20.27		
20	QPSK	100	0	20.12	20.31	20.29		
20	16QAM	1	0	20.34	20.37	20.44		
20	16QAM	1	49	20.15	20.36	20.28	21.7	0
20	16QAM	1	99	20.24	20.33	20.37		
20	16QAM	50	0	20.13	20.24	20.41		
20	16QAM	50	24	20.22	20.42	20.28	21.7	0
20	16QAM	50	50	20.13	20.36	20.24		
20	16QAM	100	0	20.26	20.37	20.37		
20	64QAM	1	0	20.24	20.27	20.21		
20	64QAM	1	49	20.27	20.21	20.20	21.7	0
20	64QAM	1	99	20.13	20.33	20.42		
20	64QAM	50	0	20.35	20.42	20.28		
20	64QAM	50	24	20.18	20.37	20.32	21.7	0
20	64QAM	50	50	20.17	20.35	20.26		
20	64QAM	100	0	20.26	20.31	20.42		
20	256QAM	1	0	18.61	18.92	18.86		
20	256QAM	1	49	18.72	18.84	18.70	20.2	1.5
20	256QAM	1	99	18.62	18.76	18.78		
20	256QAM	50	0	18.73	19.02	19.05		
20	256QAM	50	24	18.75	18.86	18.84	20.2	1.5
20	256QAM	50	50	18.70	18.81	18.91		
20	256QAM	100	0	18.68	18.71	18.76		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	20.10	20.39	20.28		
15	QPSK	1	37	20.14	20.35	20.25	21.7	0
15	QPSK	1	74	20.00	20.24	20.01		
15	QPSK	36	0	20.19	20.18	20.23		
15	QPSK	36	20	20.12	20.05	20.24	21.7	0
15	QPSK	36	39	20.02	20.09	20.13		
15	QPSK	75	0	20.14	20.20	20.15		
15	16QAM	1	0	20.32	20.30	20.25		
15	16QAM	1	37	20.09	20.38	20.13	21.7	0
15	16QAM	1	74	20.13	20.22	20.35		
15	16QAM	36	0	20.04	20.41	20.43		
15	16QAM	36	20	20.22	20.39	20.29	21.7	0
15	16QAM	36	39	20.00	20.32	20.04		
15	16QAM	75	0	20.20	20.16	20.20		
15	64QAM	1	0	20.09	20.19	20.09		
15	64QAM	1	37	20.27	20.21	20.00	21.7	0
15	64QAM	1	74	20.03	20.20	20.21		
15	64QAM	36	0	20.32	20.40	20.08		
15	64QAM	36	20	20.02	20.22	20.32	21.7	0
15	64QAM	36	39	20.16	20.14	20.17		
15	64QAM	75	0	20.24	20.11	20.43		
15	256QAM	1	0	18.54	18.81	18.65		
15	256QAM	1	37	18.68	18.72	18.67	20.2	1.5
15	256QAM	1	74	18.55	18.63	18.68		
15	256QAM	36	0	18.70	19.00	18.91		
15	256QAM	36	20	18.70	18.84	18.64	20.2	1.5
15	256QAM	36	39	18.50	18.61	18.74		
15	256QAM	75	0	18.66	18.53	18.55		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	20.03	20.24	20.39		
10	QPSK	1	25	20.16	20.32	20.30	21.7	0
10	QPSK	1	49	20.13	20.07	20.12		
10	QPSK	25	0	20.26	20.23	20.19		
10	QPSK	25	12	20.12	20.17	20.24	21.7	0
10	QPSK	25	25	20.00	20.07	20.07		
10	QPSK	50	0	20.05	20.21	20.28		
10	16QAM	1	0	20.19	20.36

Band 13 Ant0 DSI 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		24.16		24.6	0
10	QPSK	1	25		24.10			
10	QPSK	1	49		23.98			
10	QPSK	25	0		23.99		24.6	0
10	QPSK	25	12		23.89			
10	QPSK	25	25		23.93			
10	QPSK	50	0		23.88			
10	16QAM	1	0		23.98		24.6	0
10	16QAM	1	25		23.82			
10	16QAM	1	49		24.06			
10	16QAM	25	0		24.10		24.6	0
10	16QAM	25	12		24.14			
10	16QAM	25	25		24.00			
10	16QAM	50	0		24.03			
10	64QAM	1	0		23.91		24.6	0
10	64QAM	1	25		23.98			
10	64QAM	1	49		23.95			
10	64QAM	25	0		23.17		23.6	1
10	64QAM	25	12		23.18			
10	64QAM	25	25		22.98			
10	64QAM	50	0		23.03			
10	256QAM	1	0		20.21		20.6	4
10	256QAM	1	25		20.09			
10	256QAM	1	49		20.09			
10	256QAM	25	0		20.11		20.6	4
10	256QAM	25	12		20.07			
10	256QAM	25	25		20.05			
10	256QAM	50	0		19.99			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	24.09	24.00	23.96	24.6	0
5	QPSK	1	12	23.99	23.96	23.96		
5	QPSK	1	24	23.88	23.93	23.92		
5	QPSK	12	0	23.75	23.77	23.84	24.6	0
5	QPSK	12	7	23.84	23.82	23.89		
5	QPSK	12	13	23.89	23.82	23.80		
5	QPSK	25	0	23.70	23.80	23.89		
5	16QAM	1	0	23.91	23.77	23.85	24.6	0
5	16QAM	1	12	23.78	23.67	23.77		
5	16QAM	1	24	23.96	23.86	24.01		
5	16QAM	12	0	24.00	24.02	23.99	24.6	0
5	16QAM	12	7	24.09	24.12	24.03		
5	16QAM	12	13	23.86	23.97	23.83		
5	16QAM	25	0	24.04	23.98	24.05		
5	64QAM	1	0	23.92	23.91	23.90	24.6	0
5	64QAM	1	12	23.89	23.88	23.81		
5	64QAM	1	24	23.76	23.82	23.80		
5	64QAM	12	0	23.03	22.96	23.11	23.6	1
5	64QAM	12	7	23.06	23.04	23.14		
5	64QAM	12	13	22.90	22.83	22.96		
5	64QAM	25	0	23.05	22.96	22.94		
5	256QAM	1	0	20.14	20.15	20.21	20.6	4
5	256QAM	1	12	19.94	19.89	20.08		
5	256QAM	1	24	19.90	20.03	20.03		
5	256QAM	12	0	19.90	20.01	20.03	20.6	4
5	256QAM	12	7	19.86	19.97	20.06		
5	256QAM	12	13	19.89	19.86	19.84		
5	256QAM	25	0	19.96	19.84	20.00		

Band 17 Ant0 DSI 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	21.91	22.21	21.90	22.7	0
10	QPSK	1	25	21.97	22.14	22.04		
10	QPSK	1	49	22.06	21.97	22.08		
10	QPSK	25	0	21.98	22.18	22.10	22.7	0
10	QPSK	25	12	21.99	22.13	22.01		
10	QPSK	25	25	21.86	22.09	21.91		
10	QPSK	50	0	21.89	22.10	21.92		
10	16QAM	1	0	21.93	22.13	22.02	22.7	0
10	16QAM	1	25	22.11	22.17	22.11		
10	16QAM	1	49	21.95	22.14	21.86		
10	16QAM	25	0	21.98	22.20	21.93	22.7	0
10	16QAM	25	12	21.97	21.99	21.99		
10	16QAM	25	25	22.03	22.14	22.06		
10	16QAM	50	0	21.97	22.15	21.97		
10	64QAM	1	0	21.88	22.13	22.00	22.7	0
10	64QAM	1	25	21.94	22.02	22.00		
10	64QAM	1	49	21.93	22.08	21.91		
10	64QAM	25	0	22.05	21.95	22.04	22.7	0
10	64QAM	25	12	22.00	22.11	22.10		
10	64QAM	25	25	21.98	22.05	21.88		
10	64QAM	50	0	22.07	21.93	21.93		
10	256QAM	1	0	20.12	20.24	20.15	20.7	2
10	256QAM	1	25	19.93	20.06	19.94		
10	256QAM	1	49	19.82	19.91	20.03		
10	256QAM	25	0	19.92	20.00	20.05	20.7	2
10	256QAM	25	12	19.91	19.98	20.05		
10	256QAM	25	25	19.98	20.04	19.96		
10	256QAM	50	0	19.98	20.06	19.91		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	21.86	22.03	21.87	22.7	0
5	QPSK	1	12	21.98	22.07	22.02		
5	QPSK	1	24	21.99	21.87	22.01		
5	QPSK	12	0	21.86	21.93	21.96	22.7	0
5	QPSK	12	7	21.86	22.04	22.00		
5	QPSK	12	13	21.71	22.02	21.79		
5	QPSK	25	0	21.67	22.14	21.87		
5	16QAM	1	0	21.75	21.98	21.98	22.7	0
5	16QAM	1	12	21.97	22.18	22.00		
5	16QAM	1	24	21.93	22.09	21.72		
5	16QAM	12	0	21.91	22.08	21.84	22.7	0
5	16QAM	12	7	21.84	21.85	21.87		
5	16QAM	12	13	22.05	22.05	22.03		
5	16QAM	25	0	21.89	22.15	21.82		
5	64QAM	1	0	21.66	22.04	21.91	22.7	0
5	64QAM	1	12	21.85	22.00	21.81		
5	64QAM	1	24	21.90	22.06	21.69		
5	64QAM	12	0	21.86	21.79	21.87	22.7	0
5	64QAM	12	7	21.96	22.11	22.01		
5	64QAM	12	13	21.95	21.86	21.67		
5	64QAM	25	0	21.88	21.83	21.90		
5	256QAM	1	0	20.00	20.20	20.05	20.7	2
5	256QAM	1	12	19.87	20.06	19.94		
5	256QAM	1	24	19.82	19.86	20.03		
5	256QAM	12	0	19.92	19.94	19.83	20.7	2
5	256QAM	12	7	19.70	19.83	19.94		
5	256QAM	12	13	19.96	19.95	19.77		
5	256QAM	25	0	19.92	20.05	19.82		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	24.44	24.57	24.52	25.2	0
15	QPSK	1	37	24.44	24.45	24.53		
15	QPSK	1	74	24.43	24.40	24.56		
15	QPSK	36	0	24.32	24.44	24.38	25.2	0
15	QPSK	36	20	24.19	24.42	24.23		
15	QPSK	36	39	24.19	24.41	24.43		
15	QPSK	75	0	24.43	24.40	24.28		
15	16QAM	1	0	24.38	24.43	24.27	25.2	0
15	16QAM	1	37	24.35	24.41	24.25		
15	16QAM	1	74	24.31	24.42	24.18		
15	16QAM	36	0	23.79	24.03	23.88	24.7	0.5
15	16QAM	36	20	23.92	24.13	23.94		
15	16QAM	36	39	23.85	23.95	24.05		
15	16QAM	75	0	23.74	23.88	23.93		
15	64QAM	1	0	23.65	23.81	23.72	24.7	0.5
15	64QAM	1	37	23.52	23.84	23.94		
15	64QAM	1	74	23.94	23.78	23.68		
15	64QAM	36	0	22.89	23.09	22.95	23.7	1.5
15	64QAM	36	20	23.06	23.16	23.03		
15	64QAM	36	39	22.93	23.01	23.20		
15	64QAM	75	0	22.93	22.88	23.09	20.7	4.5
15	256QAM	1	0	19.81	20.01	20.04		
15	256QAM	1	37	19.79	19.93	19.82		
15	256QAM	1	74	19.75	19.79	19.86		
15	256QAM	36	0	19.61	19.84	19.81	20.7	4.5
15	256QAM	36	20	19.53	19.82	19.65		
15	256QAM	36	39	19.55	19.85	19.93		
15	256QAM	75	0	19.97	19.91	19.62		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	24.37	24.44	24.29	25.2	0
10	QPSK	1	25	24.37	24.45	24.43		
10	QPSK	1	49	24.20	24.27	24.39		
10	QPSK	25	0	24.19	24.26	24.43	25.2	0
10	QPSK	25	12	24.05	24.22	23.99		
10	QPSK	25	25	24.01	24.22	24.27		
10	QPSK	50	0	24.39	24.25	24.24		
10	16QAM	1	0	24.17	24.20	24.07	25.2	0
10	16QAM	1	25	24.27	24.21	24.09		
10	16QAM	1	49	24.09	24.20	23.97		
10	16QAM	25	0	23.67	23.93	23.62	24.7	0.5
10	16QAM	25	12	23.80	23.92	23.84		
10	16QAM	25	25	23.80	23.68	23.82		
10	16QAM	50	0	23.54	23.82	23.69		
10	64QAM	1	0	23.60	23.65	23.47	24.7	0.5
10	64QAM	1	25	23.57	23.67	23.80		
10	64QAM	1	49	23.76	23.60	23.58		
10	64QAM	25	0	22.85	23.02	22.70	23.7	1.5
10	64QAM	25	12	22.99	23.08	22.80		
10	64QAM	25	25	22.71	22.76	23.03		
10	64QAM	50	0	22.81	22.63	23.06		
10	256QAM	1	0	19.75	19.91	19.88	20.7	4.5
10	256QAM	1	25	19.70	19.81	19.63		
10	256QAM	1	49	19.55	19.68	19.77		
10	256QAM	25	0	19.52	19.80	19.55	20.7	4.5
10	256QAM	25	12	19.30	19.71	19.60		
10	256QAM	25	25	19.49	19.62	19.65		
10	256QAM	50	0	19.84	19.75	19.58		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	24.40	24.30	24.25	25.2	0
5	QPSK	1	12	24.18	24.38	24.28		
5	QPSK	1	24	24.26	24.37	24.43		
5	QPSK	12	0	24.24	24.13	24.31	25.2	0
5	QPSK	12	7	24.13	24.29	24.01		
5	QPSK	12	13	23.97	24.24	24.21		
5	QPSK	25	0	24.36	24.29	24.14		
5	16QAM	1	0	24.23	24.36	24.22	25.2	0
5	16QAM	1	12	24.15	24.36	24.05		
5	16QAM	1	24	24.27	24.29	24.14		
5	16QAM	12	0	23.62	23.83	23.74	24.7	0.5
5	16QAM	12	7	23.68	24.09	23.89		
5	16QAM	12	13	23.77	23.89	23.94		
5	16QAM	25	0	23.57	23.80	23.75		
5	64QAM	1	0	23.45	23.58	23.63	24.7	0.5
5	64QAM	1	12	23.46	23.58	23.82		
5	64QAM	1	24	23.75	23.72	23.62		
5	64QAM	12	0	22.83	22.93	22.77	23.7	1.5
5	64QAM	12	7	22.90	23.07	22.99		
5	64QAM	12	13	22.88	22.97	23.14		
5	64QAM	25	0	22.90	22.75	23.02		
5	256QAM	1	0	19.75	19.97	19.81	20.7	4.5
5	256QAM	1	12	19.55	19.86	19.76		
5	256QAM	1	24	19.72	19.52	19.63		
5	256QAM	12	0	19.36	19.66	19.58	20.7	4.5
5	256QAM	12	7	19.40	19.72	19.50		
5	256QAM	12	13	19.48	19.79	19.59		
5	256QAM	25	0	19.81	19.76	19.48		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	24.40	24.37	24.34	25.2	0
3	QPSK	1	8	24.19	24.50	24.48		
3	QPSK	1	14	24.30	24.23	24.48		
3	QPSK	8	0	24.11	24.19	24.23	25.2	0
3	QPSK	8	4	24.04	24.20	24.02		
3	QPSK	8	7	24.08	24.23	24.25		
3	QPSK	15	0	24.41	24.35	24.02		
3	16QAM	1	0	24.27	24.18	24.11	25.2	0
3	16QAM	1	8	24.14	24.26	24.05		
3	16QAM	1	14	24.04	24.36	24.13		
3	16QAM	8	0	23.59	23.93	23.66	24.7	0.5
3	16QAM	8	4	23.75	23.99	23.86		
3	16QAM	8	7	23.68	23.80	24.02		
3	16QAM	15	0	23.63	23.84	23.84		
3	64QAM	1	0	23.50	23.68	23.48	24.7	0.5
3	64QAM	1	8	23.46	23.63	23.87		
3	64QAM	1	14	23.82	23.57	23.53		
3	64QAM	8	0	22.68	23.06	22.88	23.7	1.5
3	64QAM	8	4	22.98	22.95	22.86		
3	64QAM	8	7	22.76	22.84	22.99		
3	64QAM	15	0	22.74	22.70	23.04		
3	256QAM	1	0	19.60	19.83	19.90	20.7	4.5
3	256QAM	1	8	19.52	19.78	19.73		
3	256QAM	1	14	19.67	19.64	19.83		
3	256QAM	8	0	19.56	19.67	19.55	20.7	4.5
3	256QAM	8	4	19.39	19.63	19.43		
3	256QAM	8	7	19.38	19.75	19.56		
3	256QAM	15	0	19.78	19.88	19.46		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	24.33	24.50	24.46	25.2	0
1.4	QPSK	1	3	24.27	24.41	24.47		
1.4	QPSK	1	5	24.36	24.35	24.31		
1.4	QPSK	3	0	24.28	24.22	24.34		
1.4	QPSK	3	1	24.15	24.19	24.16		
1.4	QPSK	3	3	24.10	24.29	24.39		
1.4	QPSK	6	0	24.26	24.38	24.19	25.2	0
1.4	16QAM	1	0	24.15	24.26	24.05	25.2	0
1.4	16QAM	1	3	24.14	24.26	24.07		
1.4	16QAM	1	5	24.28	24.23	23.96		
1.4	16QAM	3	0	24.02	24.19	23.80		
1.4	16QAM	3	1	23.91	24.01	24.00		
1.4	16QAM	3	3	24.17	24.07	23.80		
1.4	16QAM	6	0	23.68	23.61	23.72	24.7	0.5
1.4	64QAM	1	0	23.49	23.74	23.66	24.7	0.5
1.4	64QAM	1	3	23.36	23.71	23.70		
1.4	64QAM	1	5	23.76	23.57	23.44		
1.4	64QAM	3	0	23.44	23.60	23.52		
1.4	64QAM	3	1	23.23	23.54	23.59		
1.4	64QAM	3	3	23.64	23.32	23.29		
1.4	64QAM	6	0	22.78	22.79	22.93	23.7	1.5
1.4	256QAM	1	0	19.56	19.82	19.93	20.7	4.5
1.4	256QAM	1	3	19.68	19.88	19.69		
1.4	256QAM	1	5	19.66	19.63	19.77		
1.4	256QAM	3	0	19.51	19.67	19.66		
1.4	256QAM	3	1	19.33	19.63	19.47		
1.4	256QAM	3	3	19.31	19.74	19.47		
1.4	256QAM	6	0	19.87	19.86	19.39	20.7	4.5

Band 66 Ant0 Default

BW [MHz]	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	21.33	21.42	21.29	22.8	0
20	QPSK	1	49	21.27	21.32	21.16		
20	QPSK	1	99	21.27	21.36	21.24		
20	QPSK	50	0	21.24	21.37	21.30	22.8	0
20	QPSK	50	24	21.15	21.28	21.20		
20	QPSK	50	50	21.22	21.18	21.30		
20	QPSK	100	0	21.23	21.31	21.29		
20	16QAM	1	0	21.27	21.35	21.28	22.8	0
20	16QAM	1	49	21.25	21.26	21.15		
20	16QAM	1	99	21.14	21.24	21.19		
20	16QAM	50	0	21.32	21.40	21.18	22.8	0
20	16QAM	50	24	21.26	21.32	21.18		
20	16QAM	50	50	21.27	21.38	21.23		
20	16QAM	100	0	21.26	21.40	21.35		
20	64QAM	1	0	21.19	21.28	21.24	22.8	0
20	64QAM	1	49	21.24	21.40	21.31		
20	64QAM	1	99	21.24	21.34	21.31		
20	64QAM	50	0	20.80	20.91	20.83	22.3	0.5
20	64QAM	50	24	20.78	20.85	20.73		
20	64QAM	50	50	20.65	20.77	20.67		
20	64QAM	100	0	20.73	20.84	20.78		
20	256QAM	1	0	17.68	17.80	17.66	19.3	3.5
20	256QAM	1	49	17.66	17.71	17.60		
20	256QAM	1	99	17.77	17.87	17.74		
20	256QAM	50	0	17.86	17.91	17.86	19.3	3.5
20	256QAM	50	24	17.72	17.84	17.69		
20	256QAM	50	50	17.80	17.92	17.85		
20	256QAM	100	0	18.83	18.88	18.85		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	21.33	21.37	21.19	22.8	0
15	QPSK	1	37	21.23	21.28	21.17		
15	QPSK	1	74	21.26	21.33	21.24		
15	QPSK	36	0	21.24	21.37	21.35	22.8	0
15	QPSK	36	20	21.17	21.30	21.19		
15	QPSK	36	39	21.18	21.38	21.30		
15	QPSK	75	0	21.19	21.33	21.29		
15	16QAM	1	0	21.26	21.38	21.25	22.8	0
15	16QAM	1	37	21.21	21.26	21.16		
15	16QAM	1	74	21.16	21.27	21.19		
15	16QAM	36	0	21.33	21.39	21.22	22.8	0
15	16QAM	36	20	21.29	21.32	21.14		
15	16QAM	36	39	21.27	21.36	21.26		
15	16QAM	75	0	21.25	21.41	21.36		
15	64QAM	1	0	21.18	21.30	21.21	22.8	0
15	64QAM	1	37	21.21	21.34	21.28		
15	64QAM	1	74	21.20	21.32	21.28		
15	64QAM	36	0	20.77	20.77	20.71	22.3	0.5
15	64QAM	36	20	20.66	20.74	20.65		
15	64QAM	36	39	20.51	20.71	20.57		
15	64QAM	75	0	20.62	20.80	20.71		
15	256QAM	1	0	17.56	17.77	17.52	19.3	3.5
15	256QAM	1	37	17.55	17.83	17.52		
15	256QAM	1	74	17.73	17.76	17.63		
15	256QAM	36	0	17.79	17.85	17.72	19.3	3.5
15	256QAM	36	20	17.65	17.79	17.56		
15	256QAM	36	39	17.68	17.81	17.60		
15	256QAM	75	0	18.80	18.75	18.77		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	21.32	21.39	21.20	22.8	0
10	QPSK	1	25	21.23	21.27	21.16		
10	QPSK	1	49	21.25	21.37	21.20		
10	QPSK	25	0	21.24	21.38	21.32	22.8	0
10	QPSK	25	12	21.16	21.30	21.18		
10	QPSK	25	25	21.19	21.34	21.31		
10	QPSK	50	0	21.21	21.33	21.25		
10	16QAM	1	0	21.30	21.35	21.26	22.8	0
10	16QAM	1	25	21.20	21.28	21.15		
10	16QAM	1	49	21.12	21.23	21.20		
10	16QAM	25	0	21.33	21.40	21.22	22.8	0
10	16QAM	25	12	21.28	21.29	21.18		
10	16QAM	25	25	21.29	21.36	21.24		
10	16QAM	50	0	21.26	21.36	21.35		
10	64QAM	1	0	21.16	21.29	21.24	22.8	0
10	64QAM	1	25	21.24	21.35	21.30		
10	64QAM	1	49	21.22	21.32	21.28		
10	64QAM	25	0	20.68	20.84	20.78	22.3	0.5
10	64QAM	25	12	20.67	20.78	20.67		
10	64QAM	25	25	20.59	20.64	20.56		
10	64QAM	50	0	20.68	20.73	20.63		
10	256QAM	1	0	17.55	17.75	17.60	19.3	3.5
10	256QAM	1	25	17.58	17.60	17.52		
10	256QAM	1	49	17.63	17.74	17.61		
10	256QAM	25	0	17.79	17.84	17.79	19.3	3.5
10	256QAM	25	12	17.60	17.80	17.60		
10	256QAM	25	25	17.72	17.82	17.77		
10	256QAM	50	0	18.70	18.74	18.80		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	21.33	21.38	21.19	22.8	0
5	QPSK	1	12	21.24	21.32	21.13		
5	QPSK	1	24	21.25	21.33	21.24		
5	QPSK	12	0	21.21	21.39	21.31	22.8	0
5	QPSK	12	7	21.15	21.28	21.23		
5	QPSK	12	13	21.22	21.37	21.30		
5	QPSK	25	0	21.20	21.32	21.24	22.8	0
5	16QAM	1	0	21.25	21.35	21.23		
5	16QAM	1	12	21.20	21.25	21.13		
5	16QAM	1	24	21.12	21.24	21.17		
5	16QAM	12	0	21.32	21.40	21.19	22.8	0
5	16QAM	12	7	21.27	21.33	21.16		
5	16QAM	12	13	21.25	21.37	21.25		
5	16QAM	25	0	21.28	21.38	21.36	22.8	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)				2580	2595	2610		
20	QPSK	1	0	22.11	22.30	22.12	23.2	0
20	QPSK	1	49	22.19	22.08	22.12		
20	QPSK	1	99	21.93	21.94	21.82		
20	QPSK	50	0	22.08	22.25	22.01	23.2	0
20	QPSK	50	24	22.01	22.07	21.88		
20	QPSK	50	50	22.04	22.24	21.90		
20	QPSK	100	0	22.02	22.16	21.99		
20	16QAM	1	0	22.07	22.07	22.12	23.2	0
20	16QAM	1	49	22.04	22.09	22.02		
20	16QAM	1	99	22.10	22.12	22.09		
20	16QAM	50	0	22.07	22.25	22.02	23.2	0
20	16QAM	50	24	22.08	22.03	22.06		
20	16QAM	50	50	22.15	22.18	21.91		
20	16QAM	100	0	22.03	22.19	22.21		
20	64QAM	1	0	22.15	22.12	22.25	23.2	0
20	64QAM	1	49	21.95	22.05	21.94		
20	64QAM	1	99	22.09	22.18	22.11		
20	64QAM	50	0	21.63	21.66	21.60	22.7	0.5
20	64QAM	50	24	21.62	21.58	21.52		
20	64QAM	50	50	21.53	21.55	21.32		
20	64QAM	100	0	21.47	21.70	21.46		
20	256QAM	1	0	18.40	18.60	18.55	19.7	3.5
20	256QAM	1	49	18.41	18.66	18.52		
20	256QAM	1	99	18.55	18.52	18.50		
20	256QAM	50	0	18.52	18.53	18.49	19.7	3.5
20	256QAM	50	24	18.65	18.69	18.58		
20	256QAM	50	50	18.35	18.60	18.42		
20	256QAM	100	0	18.57	18.68	18.50		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	21.86	22.16	21.85	23.2	0
15	QPSK	1	37	22.15	21.81	22.06		
15	QPSK	1	74	21.67	21.76	21.70		
15	QPSK	36	0	21.92	22.10	21.86	23.2	0
15	QPSK	36	20	21.78	21.78	21.70		
15	QPSK	36	39	21.89	22.05	21.73		
15	QPSK	75	0	21.79	22.10	21.81		
15	16QAM	1	0	21.89	21.89	21.88	23.2	0
15	16QAM	1	37	22.01	21.96	21.88		
15	16QAM	1	74	22.00	21.99	21.92		
15	16QAM	36	0	21.92	21.99	21.77	23.2	0
15	16QAM	36	20	21.81	21.90	21.81		
15	16QAM	36	39	22.03	21.91	21.69		
15	16QAM	75	0	21.82	22.14	22.13		
15	64QAM	1	0	21.97	21.90	21.98	23.2	0
15	64QAM	1	37	21.92	21.79	21.83		
15	64QAM	1	74	22.01	22.03	21.98		
15	64QAM	36	0	21.38	21.48	21.41	22.7	0.5
15	64QAM	36	20	21.53	21.51	21.48		
15	64QAM	36	39	21.49	21.35	21.20		
15	64QAM	75	0	21.43	21.63	21.27		
15	256QAM	1	0	18.33	18.38	18.52	19.7	3.5
15	256QAM	1	37	18.32	18.60	18.44		
15	256QAM	1	74	18.38	18.28	18.39		
15	256QAM	36	0	18.38	18.38	18.29	19.7	3.5
15	256QAM	36	20	18.39	18.49	18.51		
15	256QAM	36	39	18.14	18.44	18.18		
15	256QAM	75	0	18.44	18.48	18.40		
Channel				37600	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	21.93	22.16	22.06	23.2	0
10	QPSK	1	25	22.05	21.91	21.90		
10	QPSK	1	49	21.76	21.86	21.74		
10	QPSK	25	0	21.84	22.21	21.76	23.2	0
10	QPSK	25	12	21.88	21.87	21.76		
10	QPSK	25	25	22.01	22.00	21.76		
10	QPSK	50	0	21.95	21.93	21.75		
10	16QAM	1	0	21.83	21.87	21.90	23.2	0
10	16QAM	1	25	21.93	21.99	21.82		
10	16QAM	1	49	21.93	22.00	22.04		
10	16QAM	25	0	21.89	21.99	21.84	23.2	0
10	16QAM	25	12	21.85	21.97	21.89		
10	16QAM	25	25	21.99	22.13	21.71		
10	16QAM	50	0	21.90	22.13	22.13		
10	64QAM	1	0	21.99	21.86	21.99	23.2	0
10	64QAM	1	25	21.84	21.79	21.76		
10	64QAM	1	49	22.04	22.10	21.84		
10	64QAM	25	0	21.38	21.47	21.47	22.7	0.5
10	64QAM	25	12	21.48	21.33	21.43		
10	64QAM	25	25	21.29	21.49	21.23		
10	64QAM	50	0	21.24	21.54	21.30		
10	256QAM	1	0	18.22	18.50	18.28	19.7	3.5
10	256QAM	1	25	18.28	18.46	18.48		
10	256QAM	1	49	18.49	18.35	18.32		
10	256QAM	25	0	18.45	18.36	18.45	19.7	3.5
10	256QAM	25	12	18.40	18.56	18.47		
10	256QAM	25	25	18.14	18.40	18.21		
10	256QAM	50	0	18.38	18.59	18.42		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.04	22.14	21.92	23.2	0
5	QPSK	1	12	21.97	21.92	21.91		
5	QPSK	1	24	21.70	21.70	21.73		
5	QPSK	12	0	22.02	22.00	21.76	23.2	0
5	QPSK	12	7	21.97	21.78	21.82		
5	QPSK	12	13	21.97	22.03	21.78		
5	QPSK	25	0	21.81	21.96	21.88		
5	16QAM	1	0	21.91	22.01	21.98	23.2	0
5	16QAM	1	12	21.90	22.03	21.97		
5	16QAM	1	24	21.94	21.89	21.90		
5	16QAM	12	0	21.80	22.16	21.82	23.2	0
5	16QAM	12	7	21.81	21.81	21.88		
5	16QAM	12	13	22.11	22.09	21.79		
5	16QAM	25	0	21.90	22.13	22.14		
5	64QAM	1	0	21.99	21.93	22.16	23.2	0
5	64QAM	1	12	21.72	21.84	21.90		
5	64QAM	1	24	21.89	22.04	21.99		
5	64QAM	12	0	21.56	21.56	21.43	22.7	0.5
5	64QAM	12	7	21.42	21.52	21.48		
5	64QAM	12	13	21.42	21.41	21.09		
5	64QAM	25	0	21.43	21.50	21.41		
5	256QAM	1	0	18.24	18.43	18.37	19.7	3.5
5	256QAM	1	12	18.36	18.57	18.49		
5	256QAM	1	24	18.33	18.27	18.39		
5	256QAM	12	0	18.40	18.42	18.39	19.7	3.5
5	256QAM	12	7	18.60	18.66	18.33		
5	256QAM	12	13	18.20	18.38	18.24		
5	256QAM	25	0	18.31	18.53	18.37		

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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)				2508	2549.5	2593	2636.5	2680		
20	QPSK	1	0	23.18	23.19	23.33	23.09	22.89	24.4	0
20	QPSK	1	49	23.15	23.14	23.19	23.07	22.95		
20	QPSK	1	99	22.99	23.13	23.01	23.10	22.91		
20	QPSK	50	0	23.04	23.18	23.23	23.05	22.94	24.4	0
20	QPSK	50	24	23.16	23.07	23.14	22.89	22.85		
20	QPSK	50	50	23.08	22.89	23.15	23.08	22.96		
20	QPSK	100	0	22.89	22.93	23.20	22.95	22.83		
20	16QAM	1	0	23.19	22.94	23.00	23.03	23.00	24.4	0
20	16QAM	1	49	23.04	23.06	22.98	22.91	22.99		
20	16QAM	1	99	22.79	22.86	23.05	22.85	22.89		
20	16QAM	50	0	22.67	22.77	22.75	22.65	22.53	23.9	0.5
20	16QAM	50	24	22.55	22.54	22.80	22.55	22.54		
20	16QAM	50	50	22.46	22.56	22.61	22.69	22.54		
20	16QAM	100	0	22.52	22.64	22.62	22.47	22.52		
20	64QAM	1	0	22.56	22.52	22.73	22.42	22.43	23.9	0.5
20	64QAM	1	49	22.69	22.45	22.71	22.56	22.41		
20	64QAM	1	99	22.50	22.47	22.66	22.50	22.40		
20	64QAM	50	0	21.53	21.59	21.74	21.61	21.55	22.9	1.5
20	64QAM	50	24	21.77	21.67	21.73	21.48	21.35		
20	64QAM	50	50	21.54	21.30	21.66	21.59	21.46		
20	64QAM	100	0	21.51	21.45	21.72	21.42	21.35		
20	256QAM	1	0	18.72	18.69	18.84	18.54	18.50	19.9	4.5
20	256QAM	1	49	18.75	18.56	18.68	18.50	18.48		
20	256QAM	1	99	18.59	18.58	18.61	18.64	18.36		
20	256QAM	50	0	18.45	18.59	18.58	18.63	18.41	19.9	4.5
20	256QAM	50	24	18.66	18.61	18.68	18.38	18.39		
20	256QAM	50	50	18.67	18.30	18.64	18.64	18.55		
20	256QAM	100	0	18.36	18.40	18.61	18.36	18.25		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	23.07	22.95	23.09	22.98	22.74	24.40	0
15	QPSK	1	37	23.08	23.05	22.95	22.80	22.79		
15	QPSK	1	74	22.93	22.96	22.91	22.85	22.71		
15	QPSK	36	0	22.78	23.00	22.88	22.88	22.74	24.4	0
15	QPSK	36	20	23.07	22.98	23.16	22.75	22.77		
15	QPSK	36	39	22.97	22.78	22.93	23.02	22.81		
15	QPSK	75	0	22.68	22.75	22.94	22.84	22.72		
15	16QAM	1	0	22.98	22.83	22.82	22.90	22.96	24.4	0
15	16QAM	1	37	22.78	22.86	22.71	22.71	22.82		
15	16QAM	1	74	22.53	22.70	22.95	22.79	22.77		
15	16QAM	36	0	22.51	22.56	22.53	22.48	22.41	23.9	0.5
15	16QAM	36	20	22.45	22.38	22.72	22.49	22.42		
15	16QAM	36	39	22.42	22.51	22.44	22.58	22.45		
15	16QAM	75	0	22.47	22.45	22.38	22.26	22.49		
15	64QAM	1	0	22.46	22.30	22.52	22.32	22.31	23.9	0.5
15	64QAM	1	37	22.62	22.33	22.68	22.52	22.32		
15	64QAM	1	74	22.23	22.23	22.44	22.45	22.30		
15	64QAM	36	0	21.31	21.33	21.62	21.42	21.32	22.9	1.5
15	64QAM	36	20	21.58	21.59	21.60	21.25	21.14		
15	64QAM	36	39	21.27	21.27	21.58	21.38	21.40		
15	64QAM	75	0	21.42	21.32	21.52	21.38	21.08		
15	256QAM	1	0	18.66	18.52	18.64	18.47	18.26	19.9	4.5
15	256QAM	1	37	18.48	18.34	18.54	18.46	18.35		
15	256QAM	1	74	18.45	18.36	18.57	18.61	18.17		
15	256QAM	36	0	18.41	18.50	18.45	18.43	18.28	19.9	4.5
15	256QAM	36	20	18.44	18.35	18.49	18.19	18.25		
15	256QAM	36	39	18.41	18.23	18.40	18.61	18.28		
15	256QAM	75	0	18.32	18.26	18.51	18.12	18.01		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.96	22.91	22.97	22.98	22.71	24.40	0
10	QPSK	1	25	22.81	22.95	22.79	22.99	22.85		
10	QPSK	1	49	22.99	23.03	23.08	22.94	22.74		
10	QPSK	25	0	22.81	23.06	22.94	22.92	22.69	24.4	0
10	QPSK	25	12	23.02	23.00	22.99	22.94	22.78		
10	QPSK	25	25	22.98	22.72	23.02	22.90	22.85		
10	QPSK	50	0	22.74	22.72	23.03	22.78	22.68		
10	16QAM	1	0	23.07	23.01	23.12	22.84	22.81	24.4	0
10	16QAM	1	25	22.76	22.97	22.84	23.03	22.84		
10	16QAM	1	49	22.81	23.11	23.05	22.85	22.79		
10	16QAM	25	0	22.44	22.63	22.49	22.38	22.50	23.9	0.5
10	16QAM	25	12	22.31	22.41	22.61	22.33	22.47		
10	16QAM	25	25	22.24	22.52	22.51	22.63	22.29		
10	16QAM	50	0	22.29	22.47	22.57	22.37	22.33		
10	64QAM	1	0	22.43	22.37	22.62	22.27	22.36	23.9	0.5
10	64QAM	1	25	22.43	22.35	22.60	22.39	22.16		
10	64QAM	1	49	22.38	22.29	22.61	22.34	22.15		
10	64QAM	25	0	21.34	21.40	21.66	21.58	21.38	22.9	1.5
10	64QAM	25	12	21.55	21.60	21.65	21.21	21.29		
10	64QAM	25	25	21.33	21.19	21.46	21.48	21.20		
10	64QAM	50	0	21.37	21.29	21.62	21.16	21.24		
10	256QAM	1	0	18.62	18.39	18.45	18.30	18.28	19.9	4.5
10	256QAM	1	25	18.35	18.39	18.40	18.58	18.23		
10	256QAM	1	49	18.21	18.51	18.45	18.47	18.37		
10	256QAM	25	0	18.58	18.54	18.47	18.29	18.18	19.9	4.5
10	256QAM	25	12	18.44	18.24	18.61	18.55	18.29		
10	256QAM	25	25	18.27	18.24	18.49	18.13	18.22		
10	256QAM	50	0	18.28	18.18	18.55	18.13	18.08		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2546.8	2593	2640.30	2687.5		
5	QPSK	1	0	22.92	23.02	23.10	22.83	22.85	24.40	0
5	QPSK	1	12	22.90	23.04	22.79	22.95	22.75		
5	QPSK	1	24	22.95	23.01	23.03	22.84	22.83		
5	QPSK	12	0	22.96	23.03	23.02	22.96	22.69	24.4	0
5	QPSK	12	7	22.99	22.93	23.03	22.85	22.82		
5	QPSK	12	13	22.94	22.86	23.06	22.99	22.83		
5	QPSK	25	0	22.80	22.70	23.09	22.75	22.65		
5	16QAM	1	0	23.01	22.82	22.80	22.96	22.86	24.4	0
5	16QAM	1	12	22.81	22.98	22.77	22.87	22.88		
5	16QAM	1	24	22.69	22.61	22.94	22.72	22.73		
5	16QAM	12	0	22.54	22.65	22.67	22.45	22.48	23.9	0.5
5	16QAM	12	7	22.32	22.40	22.59	22.29	22.28		
5	16QAM	12	13	22.42	22.48	22.44	22.47	22.49		
5	16QAM	25	0	22.30	22.45	22.40	22.34	22.45		
5	64QAM	1	0	22.33	22.30	22.52	22.29	22.26	23.9	0.5
5	64QAM	1	12	22.56	22.33	22.53	22.32	22.25		
5	64QAM	1	24	22.37	22.32	22.42	22.42	22.23		
5	64QAM	12	0	21.39	21.40	21.53	21.53	21.36	22.9	1.5
5	64QAM	12	7	21.56	21.58	21.52	21.32	21.29		
5	64QAM	12	13	21.30	21.14	21.61	21.35	21.34		
5	64QAM	25	0	21.42	21.22	21.53	21.32	21.23		
5	256QAM	1	0	18.55	18.50	18.72	18.42	18.35	19.9	4.5
5	256QAM	1	12	18.48	18.46	18.43	18.35	18.42		
5	256QAM	1	24	18.53	18.32	18.42	18.46	18.22		
5	256QAM	12	0	18.18	18.43	18.45	18.43	18.16	19.9	4.5
5	256QAM	12	7	18.49	18.54	18.54	18.22	18.16		
5	256QAM	12	13	18.41	18.08	18.51	18.53	18.43		
5	256QAM	25	0	18.32	18.33	18.36	18.16	18.12		

GSM850 Ant1 DSI5

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	28.56	28.43	28.63	29.50	19.56	19.43	19.63	20.50
GPRS 1 Tx slot	28.42	28.42	28.60	29.50	19.42	19.42	19.60	20.50
GPRS 2 Tx slots	25.42	25.19	25.33	26.50	19.42	19.19	19.33	20.50
GPRS 3 Tx slots	23.59	23.51	23.65	24.70	19.33	19.25	19.39	20.44
GPRS 4 Tx slots	22.02	22.09	21.97	23.50	19.02	19.09	18.97	20.50
EDGE 1 Tx slot	26.67	26.59	26.73	28.30	17.67	17.59	17.73	19.30
EDGE 2 Tx slots	23.62	23.57	23.62	25.30	17.62	17.57	17.62	19.30
EDGE 3 Tx slots	21.68	21.62	21.78	23.50	17.42	17.36	17.52	19.24
EDGE 4 Tx slots	20.56	20.51	20.68	22.30	17.56	17.51	17.68	19.30

WCDMA V Ant1 DSI5

Band		WCDMA V			Tune-up Limit (dBm)
TX Channel		4132	4182	4233	
Rx Channel		4357	4407	4458	
Frequency (MHz)		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	20.06	20.08	20.04	21.70
3GPP Rel 99	RMC 12.2Kbps	20.09	20.17	20.13	21.70
3GPP Rel 6	HSDPA Subtest-1	19.06	19.21	19.24	20.70
3GPP Rel 6	HSDPA Subtest-2	19.18	19.13	19.06	20.70
3GPP Rel 6	HSDPA Subtest-3	18.48	18.62	18.61	20.20
3GPP Rel 6	HSDPA Subtest-4	18.66	18.75	18.62	20.20
3GPP Rel 8	DC-HSDPA Subtest-1	19.12	19.35	19.05	20.70
3GPP Rel 8	DC-HSDPA Subtest-2	19.08	19.31	19.16	20.70
3GPP Rel 8	DC-HSDPA Subtest-3	18.53	18.79	18.61	20.20
3GPP Rel 8	DC-HSDPA Subtest-4	18.67	18.81	18.58	20.20
3GPP Rel 6	HSUPA Subtest-1	19.08	19.29	19.28	20.70
3GPP Rel 6	HSUPA Subtest-2	17.06	17.34	17.22	18.70
3GPP Rel 6	HSUPA Subtest-3	18.18	18.29	18.03	19.70
3GPP Rel 6	HSUPA Subtest-4	17.06	17.21	17.18	18.70
3GPP Rel 6	HSUPA Subtest-5	19.11	19.12	19.11	20.70
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	16.67	16.65	16.67	18.20

Band 5 Ant1 DSI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	20.56	20.62	20.53		
10	QPSK	1	25	20.46	20.51	20.42	22.2	0
10	QPSK	1	49	20.49	20.55	20.50		
10	QPSK	25	0	20.47	20.57	20.49		
10	QPSK	25	12	20.44	20.54	20.45	22.2	0
10	QPSK	25	25	20.45	20.49	20.39		
10	QPSK	50	0	20.42	20.50	20.42		
10	16QAM	1	0	20.41	20.46	20.37		
10	16QAM	1	25	20.41	20.52	20.47	22.2	0
10	16QAM	1	49	20.46	20.52	20.42		
10	16QAM	25	0	20.40	20.47	20.36		
10	16QAM	25	12	20.43	20.54	20.50	22.2	0
10	16QAM	25	25	20.46	20.56	20.51		
10	16QAM	50	0	20.47	20.57	20.51		
10	64QAM	1	0	20.37	20.47	20.37		
10	64QAM	1	25	20.43	20.50	20.43	22.2	0
10	64QAM	1	49	20.31	20.42	20.35		
10	64QAM	25	0	20.51	20.56	20.46		
10	64QAM	25	12	20.41	20.50	20.43	22.2	0
10	64QAM	25	25	20.36	20.46	20.40		
10	64QAM	50	0	20.43	20.52	20.47		
10	256QAM	1	0	19.12	19.18	19.14		
10	256QAM	1	25	19.00	19.09	19.06	20.7	1.5
10	256QAM	1	49	19.08	19.12	19.04		
10	256QAM	25	0	19.04	19.09	19.00		
10	256QAM	25	12	18.92	18.97	18.93	20.7	1.5
10	256QAM	25	25	18.82	18.92	18.85		
10	256QAM	50	0	19.03	19.06	19.00		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	20.53	20.48	20.38		
5	QPSK	1	12	20.38	20.42	20.35	22.2	0
5	QPSK	1	24	20.39	20.45	20.45		
5	QPSK	12	0	20.43	20.53	20.39		
5	QPSK	12	7	20.35	20.41	20.39	22.2	0
5	QPSK	12	13	20.37	20.42	20.33		
5	QPSK	25	0	20.31	20.36	20.39		
5	16QAM	1	0	20.31	20.35	20.34		
5	16QAM	1	12	20.28	20.41	20.40	22.2	0
5	16QAM	1	24	20.34	20.40	20.33		
5	16QAM	12	0	20.25	20.41	20.29		
5	16QAM	12	7	20.37	20.42	20.44	22.2	0
5	16QAM	12	13	20.34	20.45	20.46		
5	16QAM	25	0	20.39	20.43	20.42		
5	64QAM	1	0	20.30	20.38	20.32		
5	64QAM	1	12	20.29	20.44	20.37	22.2	0
5	64QAM	1	24	20.28	20.34	20.30		
5	64QAM	12	0	20.45	20.52	20.32		
5	64QAM	12	7	20.37	20.45	20.33	22.2	0
5	64QAM	12	13	20.28	20.32	20.29		
5	64QAM	25	0	20.31	20.46	20.33		
5	256QAM	1	0	19.02	19.06	19.03		
5	256QAM	1	12	18.91	19.00	19.00	20.7	1.5
5	256QAM	1	24	19.03	19.00	18.99		
5	256QAM	12	0	18.95	18.99	18.87		
5	256QAM	12	7	18.84	18.89	18.79	20.7	1.5
5	256QAM	12	13	18.74	18.84	18.80		
5	256QAM	25	0	18.91	19.03	18.95		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	20.41	20.50	20.42		
3	QPSK	1	8	20.35	20.46	20.34	22.2	0
3	QPSK	1	14	20.40	20.51	20.43		
3	QPSK	8	0	20.39	20.52	20.35		
3	QPSK	8	4	20.30	20.51	20.42	22.2	0
3	QPSK	8	7	20.34	20.42	20.32		
3	QPSK	15	0	20.30	20.41	20.35		
3	16QAM	1	0	20.29	20.38	20.33		
3	16QAM	1	8	20.31	20.37	20.41	22.2	0
3	16QAM	1	14	20.33	20.44	20.35		
3	16QAM	8	0	20.32	20.41	20.27		
3	16QAM	8	4	20.38	20.41	20.43	22.2	0
3	16QAM	8	7	20.37	20.50	20.48		
3	16QAM	15	0	20.34	20.46	20.37		
3	64QAM	1	0	20.29	20.34	20.23		
3	64QAM	1	8	20.30	20.36	20.35	22.2	0
3	64QAM	1	14	20.26	20.32	20.28		
3	64QAM	8	0	20.38	20.41	20.36		
3	64QAM	8	4	20.33	20.37	20.28	22.2	0
3	64QAM	8	7	20.31	20.38	20.36		
3	64QAM	15	0	20.40	20.44	20.32		
3	256QAM	1	0	19.06	19.10	19.06		
3	256QAM	1	8	18.93	19.01	19.03	20.7	1.5
3	256QAM	1	14	19.04	19.08	18.91		
3	256QAM	8	0	18.99	19.06	18.93		
3	256QAM	8	4	18.87	18.90	18.80	20.7	1.5
3	256QAM	8	7	18.72	18.84	18.74		
3	256QAM	15	0	18.88	18.97	18.86		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	20.50	20.58	20.42		
1.4	QPSK	1	3	20.34	20.39	20.36		
1.4	QPSK	1	5	20.43	20.44	20.47	22.2	0
1.4	QPSK	3	0	20.35	20.46	20.35		
1.4	QPSK	3	1	20.35	20.49	20.31		
1.4	QPSK	3	3	20.32	20.38	20.32		
1.4	QPSK	6	0	20.38	20.43	20.32	22.2	0
1.4	16QAM	1	0	20.26	20.39	20.29		
1.4	16QAM	1	3	20.34	20.40	20.38		
1.4	16QAM	1	5	20.33	20.49	20.39	22.2	0
1.4	16QAM	3	0	20.31	20.41	20.25		
1.4	16QAM	3	1	20.31	20.50	20.46		
1.4	16QAM	3	3	20.42	20.44	20.43		
1.4	16QAM	6	0	20.35	20.46	20.44	22.2	0
1.4	64QAM	1	0	20.29	20.43	20.27		
1.4	64QAM	1	3	20.39	20.42	20.28		
1.4	64QAM	1	5	20.25	20.31	20.24	22.2	0
1.4	64QAM	3	0	20.46	20.49	20.40		
1.4	64QAM	3	1	20.32	20.37	20.38		
1.4	64QAM	3	3	20.22	20.42	20.33		
1.4	64QAM	6	0	20.48	20.34	20.29	22.2	0
1.4	256QAM	1	0	19.07	19.05	19.00		
1.4	256QAM	1	3	18.86	18.96	18.95		
1.4	256QAM	1	5	18.99	18.98	18.93	20.7	1.5
1.4	256QAM	3	0	18.90	19.00	18.94		
1.4	256QAM	3	1	18.89	18.82	18.78		
1.4	256QAM	3	3	18.74	18.87	18.82		
1.4	256QAM	6	0	18.95	19.03	18.87	20.7	1.5

Band 12 Ant1 DSI5

BW [MHz]	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	21.18	21.24	21.09		
10	QPSK	1	25	21.04	21.12	21.05	22.7	0
10	QPSK	1	49	21.09	21.15	21.05		
10	QPSK	25	0	21.16	21.20	21.08		
10	QPSK	25	12	21.06	21.11	20.97	22.7	0
10	QPSK	25	25	21.10	21.13	21.08		
10	QPSK	50	0	21.00	21.08	20.94		
10	16QAM	1	0	21.03	21.09	21.01		
10	16QAM	1	25	21.06	21.17	21.04	22.7	0
10	16QAM	1	49	21.15	21.19	21.12		
10	16QAM	25	0	20.99	21.10	20.99		
10	16QAM	25	12	21.13	21.21	21.07	22.7	0
10	16QAM	25	25	21.09	21.14	21.02		
10	16QAM	50	0	21.03	21.15	21.12		
10	64QAM	1	0	21.03	21.16	21.03		
10	64QAM	1	25	21.09	21.19	21.12	22.7	0
10	64QAM	1	49	20.94	21.08	20.94		
10	64QAM	25	0	21.09	21.12	21.07		
10	64QAM	25	12	21.04	21.17	21.04	22.7	0
10	64QAM	25	25	21.14	21.21	21.11		
10	64QAM	50	0	21.04	21.10	21.04		
10	256QAM	1	0	19.08	19.18	19.11		
10	256QAM	1	25	19.02	19.11	19.08	20.7	2
10	256QAM	1	49	19.05	19.11	19.07		
10	256QAM	25	0	18.90	19.02	18.89		
10	256QAM	25	12	18.85	18.92	18.84	20.7	2
10	256QAM	25	25	18.85	18.97	18.91		
10	256QAM	50	0	18.87	18.99	18.92		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	21.04	21.13	20.96		
5	QPSK	1	12	20.93	21.09	20.90	22.7	0
5	QPSK	1	24	21.04	21.08	20.97		
5	QPSK	12	0	21.13	21.17	21.02		
5	QPSK	12	7	21.01	21.04	20.93	22.7	0
5	QPSK	12	13	21.04	21.02	20.99		
5	QPSK	25	0	20.87	21.00	20.90		
5	16QAM	1	0	20.99	21.05	20.90		
5	16QAM	1	12	21.01	21.09	20.91	22.7	0
5	16QAM	1	24	21.11	21.11	21.03		
5	16QAM	12	0	20.91	21.06	20.87		
5	16QAM	12	7	21.08	21.15	20.93	22.7	0
5	16QAM	12	13	21.05	21.00	20.98		
5	16QAM	25	0	20.89	21.12	21.08		
5	64QAM	1	0	20.99	21.09	20.94		
5	64QAM	1	12	21.01	21.07	21.06	22.7	0
5	64QAM	1	24	20.87	21.02	20.85		
5	64QAM	12	0	20.96	21.03	20.96		
5	64QAM	12	7	20.99	21.14	21.01	22.7	0
5	64QAM	12	13	21.09	21.11	21.00		
5	64QAM	25	0	21.01	21.02	20.95		
5	256QAM	1	0	19.01	19.10	18.99		
5	256QAM	1	12	18.96	19.03	18.96	20.7	2
5	256QAM	1	24	18.92	19.00	19.03		
5	256QAM	12	0	18.85	18.89	18.80		
5	256QAM	12	7	18.79	18.80	18.72	20.7	2
5	256QAM	12	13	18.72	18.91	18.77		
5	256QAM	25	0	18.84	18.85	18.86		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	21.12	21.21	20.98		
3	QPSK	1	8	20.91	21.04	20.91	22.7	0
3	QPSK	1	14	21.03	21.12	20.95		
3	QPSK	8	0	21.10	21.11	20.95		
3	QPSK	8	4	21.02	20.96	20.89	22.7	0
3	QPSK	8	7	21.06	20.98	20.94		
3	QPSK	15	0	20.92	21.03	20.86		
3	16QAM	1	0	20.93	21.04	20.91		
3	16QAM	1	8	21.01	21.04	20.95	22.7	0
3	16QAM	1	14	21.06	21.15	21.00		
3	16QAM	8	0	20.85	20.99	20.88		
3	16QAM	8	4	21.07	21.11	21.01	22.7	0
3	16QAM	8	7	21.05	21.03	20.94		
3	16QAM	15	0	20.97	21.06	21.01		
3	64QAM	1	0	20.96	21.10	20.93		
3	64QAM	1	8	20.97	21.14	21.08	22.7	0
3	64QAM	1	14	20.80	21.02	20.84		
3	64QAM	8	0	21.02	21.06	21.01		
3	64QAM	8	4	20.93	21.07	20.95	22.7	0
3	64QAM	8	7	21.05	21.17	20.99		
3	64QAM	15	0	20.93	21.05	20.96		
3	256QAM	1	0	18.93	19.12	19.06		
3	256QAM	1	8	18.93	19.03	18.94	20.7	2
3	256QAM	1	14	19.01	19.03	18.92		
3	256QAM	8	0	18.78	18.92	18.74		
3	256QAM	8	4	18.72	18.83	18.77	20.7	2
3	256QAM	8	7	18.80	18.94	18.87		
3	256QAM	15	0	18.75	18.85	18.88		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	21.05	21.20	21.02		
1.4	QPSK	1	3	20.93	21.07	20.97		
1.4	QPSK	1	5	20.97	21.08	20.95	22.7	0
1.4	QPSK	3	0	21.01	21.07	20.97		
1.4	QPSK	3	1	20.94	21.07	20.89		
1.4	QPSK	3	3	21.00	21.01	20.98		
1.4	QPSK	6	0	20.96	20.99	20.82	22.7	0
1.4	16QAM	1	0	20.92	21.05	20.86		
1.4	16QAM	1	3	20.98	21.02	20.89		
1.4	16QAM	1	5	21.08	21.12	21.00	22.7	0
1.4	16QAM	3	0	20.87	20.98	20.86		
1.4	16QAM	3	1	20.99	21.13	20.96		
1.4	16QAM	3	3	20.96	21.09	20.91		
1.4	16QAM	6	0	20.96	21.10	21.05	22.7	0
1.4	64QAM	1	0	20.91	21.09	20.94		
1.4	64QAM	1	3	21.06	21.11	21.01		
1.4	64QAM	1	5	20.89	20.97	20.89	22.7	0
1.4	64QAM	3	0	20.98	21.07	20.95		
1.4	64QAM	3	1	20.94	21.14	20.96		
1.4	64QAM	3	3	21.01	21.15	21.00		
1.4	64QAM	6	0	20.90	20.99	20.97	22.7	0
1.4	256QAM	1	0	19.01	19.13	18.99		
1.4	256QAM	1	3	18.93	19.00	18.98		
1.4	256QAM	1	5	18.93	19.04	18.94	20.7	2
1.4	256QAM	3	0	18.80	18.92	18.75		
1.4	256QAM	3	1	18.77	18.89	18.77		
1.4	256QAM	3	3	18.76	18.94	18.87		
1.4	256QAM	6	0	18.80	18.90	18.84	20.7	2

Band 13 Ant1 DSI5

BW [MHz]	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		21.23			
10	QPSK	1	25		21.09		22.7	0
10	QPSK	1	49		21.10			
10	QPSK	25	0		21.22			
10	QPSK	25	12		21.17		22.7	0
10	QPSK	25	25		21.18			
10	QPSK	50	0		21.19			
10	16QAM	1	0		21.21			
10	16QAM	1	25		21.13		22.7	0
10	16QAM	1	49		21.16			
10	16QAM	25	0		21.11			
10	16QAM	25	12		21.09		22.7	0
10	16QAM	25	25		21.22			
10	16QAM	50	0		21.09			
10	64QAM	1	0		21.10			
10	64QAM	1	25		21.18		22.7	0
10	64QAM	1	49		21.13			
10	64QAM	25	0		21.19			
10	64QAM	25	12		21.20		22.7	0
10	64QAM	25	25		21.10			
10	64QAM	50	0		21.12			
10	256QAM	1	0		19.08			
10	256QAM	1	25		18.94		20.7	2
10	256QAM	1	49		18.90			
10	256QAM	25	0		18.98			
10	256QAM	25	12		18.87		20.7	2
10	256QAM	25	25		18.85			
10	256QAM	50	0		18.87			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	21.11	21.10	21.16		
5	QPSK	1	12	20.96	20.96	21.00	22.7	0
5	QPSK	1	24	20.98	20.96	20.98		
5	QPSK	12	0	21.14	21.08	21.10		
5	QPSK	12	7	21.12	21.12	21.06	22.7	0
5	QPSK	12	13	21.03	21.13	21.09		
5	QPSK	25	0	21.11	21.14	21.11		
5	16QAM	1	0	21.16	21.15	21.15		
5	16QAM	1	12	21.06	20.98	21.08	22.7	0
5	16QAM	1	24	21.09	21.05	21.02		
5	16QAM	12	0	21.04	20.98	21.04		
5	16QAM	12	7	20.98	20.99	20.97	22.7	0
5	16QAM	12	13	21.08	21.10	21.08		
5	16QAM	25	0	20.97	20.97	21.06		
5	64QAM	1	0	21.01	21.07	20.95		
5	64QAM	1	12	21.14	21.09	21.06	22.7	0
5	64QAM	1	24	21.10	21.11	21.14		
5	64QAM	12	0	21.09	21.10	21.11		
5	64QAM	12	7	21.12	21.16	21.09	22.7	0
5	64QAM	12	13	20.99	20.99	20.97		
5	64QAM	25	0	20.97	21.02	21.04		
5	256QAM	1	0	18.94	19.01	18.99		
5	256QAM	1	12	18.81	18.90	18.86	20.7	2
5	256QAM	1	24	18.84	18.83	18.76		
5	256QAM	12	0	18.87	18.85	18.83		
5	256QAM	12	7	18.79	18.73	18.75	20.7	2
5	256QAM	12	13	18.80	18.76	18.74		
5	256QAM	25	0	18.73	18.80	18.83		

Band 17 Ant1 Default

BW [MHz]	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	24.27	24.43	24.25		
10	QPSK	1	25	24.13	24.19	24.21	25.7	0
10	QPSK	1	49	24.12	24.15	24.07		
10	QPSK	25	0	24.28	24.36	24.27		
10	QPSK	25	12	24.10	24.32	24.26	25.7	0
10	QPSK	25	25	24.28	24.34	24.29		
10	QPSK	50	0	24.12	24.31	24.20		
10	16QAM	1	0	24.28	24.41	24.28		
10	16QAM	1	25	24.27	24.37	24.20	25.7	0
10	16QAM	1	49	24.18	24.33	24.20		
10	16QAM	25	0	23.38	23.38	23.38		
10	16QAM	25	12	23.25	23.36	23.31	24.7	1
10	16QAM	25	25	23.20	23.36	23.21		
10	16QAM	50	0	23.22	23.28	23.23		
10	64QAM	1	0	23.36	23.41	23.28		
10	64QAM	1	25	23.40	23.40	23.33	24.7	1
10	64QAM	1	49	23.29	23.38	23.30		
10	64QAM	25	0	22.31	22.30	22.26		
10	64QAM	25	12	22.19	22.28	22.25	23.7	2
10	64QAM	25	25	22.04	22.16	22.11		
10	64QAM	50	0	22.24	22.32	22.27		
10	256QAM	1	0	19.27	19.33	19.25		
10	256QAM	1	25	19.23	19.32	19.23	20.7	5
10	256QAM	1	49	19.24	19.28	19.23		
10	256QAM	25	0	19.22	19.28	19.14		
10	256QAM	25	12	19.06	19.20	19.05	20.7	5
10	256QAM	25	25	19.08	19.09	19.09		
10	256QAM	50	0	19.17	19.24	19.17		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	24.16	24.38	24.19		
5	QPSK	1	12	24.02	24.11	24.08	25.7	0
5	QPSK	1	24	24.02	24.06	24.00		
5	QPSK	12	0	24.19	24.32	24.21		
5	QPSK	12	7	24.08	24.19	24.19	25.7	0
5	QPSK	12	13	24.14	24.24	24.22		
5	QPSK	25	0	24.08	24.19	24.10		
5	16QAM	1	0	24.19	24.36	24.20		
5	16QAM	1	12	24.20	24.29	24.14	25.7	0
5	16QAM	1	24	24.07	24.29	24.06		
5	16QAM	12	0	23.35	23.27	23.33		
5	16QAM	12	7	23.15	23.26	23.23	24.7	1
5	16QAM	12	13	23.15	23.28	23.10		
5	16QAM	25	0	23.12	23.21	23.12		
5	64QAM	1	0	23.32	23.28	23.15		
5	64QAM	1	12	23.33	23.27	23.27	24.7	1
5	64QAM	1	24	23.14	23.26	23.26		
5	64QAM	12	0	22.22	22.17	22.16		
5	64QAM	12	7	22.14	22.24	22.14	23.7	2
5	64QAM	12	13	22.04	22.06	22.01		
5	64QAM	25	0	22.14	22.28	22.17		
5	256QAM	1	0	19.17	19.23	19.16		
5	256QAM	1	12	19.13	19.26	19.09	20.7	5
5	256QAM	1	24	19.11	19.22	19.20		
5	256QAM	12	0	19.11	19.16	19.01		
5	256QAM	12	7	19.03	19.17	19.00	20.7	5
5	256QAM	12	13	19.18	19.19	19.09		
5	256QAM	25	0	19.05	19.12	19.06		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	19.98	20.09	19.94		
15	QPSK	1	37	19.98	20.03	20.00	21.7	0
15	QPSK	1	74	19.88	19.95	19.82		
15	QPSK	36	0	19.92	20.01	19.97		
15	QPSK	36	20	19.91	19.97	19.91	21.7	0
15	QPSK	36	39	19.93	19.97	19.91		
15	QPSK	75	0	19.86	19.99	19.92		
15	16QAM	1	0	19.82	19.93	19.84		
15	16QAM	1	37	19.95	20.02	19.94	21.7	0
15	16QAM	1	74	19.92	20.02	19.93		
15	16QAM	36	0	19.93	19.97	19.93		
15	16QAM	36	20	19.82	19.95	19.82	21.7	0
15	16QAM	36	39	19.94	20.04	19.90		
15	16QAM	75	0	19.86	19.96	19.84		
15	64QAM	1	0	19.96	20.05	19.92		
15	64QAM	1	37	19.85	19.95	19.90	21.7	0
15	64QAM	1	74	19.90	19.98	19.93		
15	64QAM	36	0	19.84	19.96	19.88		
15	64QAM	36	20	19.94	19.99	19.92	21.7	0
15	64QAM	36	39	19.97	20.06	19.94		
15	64QAM	75	0	19.92	20.03	19.88		
15	256QAM	1	0	19.11	19.12	19.12		
15	256QAM	1	37	18.98	19.09	18.97	20.7	1
15	256QAM	1	74	18.94	19.04	19.00		
15	256QAM	36	0	19.11	19.24	19.13		
15	256QAM	36	20	18.99	19.07	18.97	20.7	1
15	256QAM	36	39	19.14	19.13	19.06		
15	256QAM	75	0	19.10	19.19	19.11		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	19.90	20.02	19.80		
10	QPSK	1	25	19.92	19.91	19.91	21.7	0
10	QPSK	1	49	19.79	19.86	19.76		
10	QPSK	25	0	19.83	19.89	19.94		
10	QPSK	25	12	19.82	19.86	19.80	21.7	0
10	QPSK	25	25	19.85	19.88	19.86		
10	QPSK	50	0	19.79	19.84	19.86		
10	16QAM	1	0	19.68	19.80	19.77		
10	16QAM	1	25	19.84	19.93	19.83	21.7	0
10	16QAM	1	49	19.84	19.97	19.82		
10	16QAM	25	0	19.84	19.91	19.86		
10	16QAM	25	12	19.78	19.83	19.75	21.7	0
10	16QAM	25	25	19.81	19.92	19.83		
10	16QAM	50	0	19.74	19.84	19.71		
10	64QAM	1	0	19.89	19.91	19.78		
10	64QAM	1	25	19.76	19.90	19.86	21.7	0
10	64QAM	1	49	19.82	19.89	19.84		
10	64QAM	25	0	19.76	19.82	19.78		
10	64QAM	25	12	19.86	19.90	19.87	21.7	0
10	64QAM	25	25	19.82	19.99	19.86		
10	64QAM	50	0	19.81	19.92	19.82		
10	256QAM	1	0	18.96	19.01	19.02		
10	256QAM	1	25	18.89	18.96	18.84	20.7	1
10	256QAM	1	49	18.84	18.96	18.95		
10	256QAM	25	0	19.00	19.14	19.03		
10	256QAM	25	12	18.90	18.93	18.90	20.7	1
10	256QAM	25	25	19.01	18.99	18.93		
10	256QAM	50	0	19.06	19.08	19.03		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	19.94	19.97	19.87		
5	QPSK	1	12	19.91	19.88	19.91	21.7	0
5	QPSK	1	24	19.85	19.81	19.72		
5	QPSK	12	0	19.84	19.90	19.90		
5	QPSK	12	7	19.88	19.83	19.81	21.7	0
5	QPSK	12	13	19.82	19.84	19.78		
5	QPSK	25	0	19.75	19.93	19.86		
5	16QAM	1	0	19.72	19.83	19.81		
5	16QAM	1	12	19.83	19.92	19.90	21.7	0
5	16QAM	1	24	19.83	19.97	19.88		
5	16QAM	12	0	19.86	19.85	19.82		
5	16QAM	12	7	19.78	19.84	19.76	21.7	0
5	16QAM	12	13	19.88	19.91	19.84		
5	16QAM	25	0	19.80	19.90	19.75		
5	64QAM	1	0	19.88	19.98	19.78		
5	64QAM	1	12	19.71	19.81	19.82	21.7	0
5	64QAM	1	24	19.76	19.92	19.85		
5	64QAM	12	0	19.70	19.84	19.80		
5	64QAM	12	7	19.88	19.96	19.87	21.7	0
5	64QAM	12	13	19.88	19.99	19.82		
5	64QAM	25	0	19.88	19.90	19.75		
5	256QAM	1	0	19.05	19.00	19.06		
5	256QAM	1	12	18.84	19.01	18.90	20.7	1
5	256QAM	1	24	18.83	18.90	18.92		
5	256QAM	12	0	19.04	19.09	19.00		
5	256QAM	12	7	18.92	19.01	18.87	20.7	1
5	256QAM	12	13	19.11	18.99	18.99		
5	256QAM	25	0	18.97	19.15	19.06		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	19.89	20.03	19.89		
3	QPSK	1	8	19.89	19.95	19.95	21.7	0
3	QPSK	1	14	19.73	19.85	19.76		
3	QPSK	8	0	19.88	19.94	19.90		
3	QPSK	8	4	19.81	19.91	19.81	21.7	0
3	QPSK	8	7	19.80	19.86	19.84		
3	QPSK	15	0	19.76	19.91	19.86		
3	16QAM	1	0	19.72	19.81	19.74		
3	16QAM	1	8	19.82	19.96	19.86	21.7	0
3	16QAM	1	14	19.83	19.96	19.89		
3	16QAM	8	0	19.82	19.91	19.86		
3	16QAM	8	4	19.78	19.87	19.73	21.7	0
3	16QAM	8	7	19.80	19.99	19.76		
3	16QAM	15	0	19.81	19.90	19.71		
3	64QAM	1	0	19.82	19.94	19.87		
3	64QAM	1	8	19.71	19.82	19.82	21.7	0
3	64QAM	1	14	19.86	19.93	19.89		
3	64QAM	8	0	19.72	19.84	19.84		
3	64QAM	8	4	19.90	19.91	19.78	21.7	0
3	64QAM	8	7	19.91	19.96	19.86		
3	64QAM	15	0	19.82	19.93	19.74		
3	256QAM	1	0	19.01	19.01	19.07		
3	256QAM	1	8	18.90	19.02	18.92	20.7	1
3	256QAM	1	14	18.88	18.90	18.96		
3	256QAM	8	0	19.04	19.10	19.03		
3	256QAM	8	4	18.88	18.94	18.90	20.7	1
3	256QAM	8	7	19.02	19.06	19.01		
3	256QAM	15	0	19.05	19.15	18.98		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	19.86	20.00	19.91		
1.4	QPSK	1	3	19.93	19.89	19.90		
1.4	QPSK	1	5	19.74	19.89	19.72	21.7	0
1.4	QPSK	3	0	19.89	19.90	19.93		
1.4	QPSK	3	1	19.87	19.90	19.79		
1.4	QPSK	3	3	19.84	19.85	19.84		
1.4	QPSK	6	0	19.80	19.93	19.83	21.7	0
1.4	16QAM	1	0	19.73	19.81	19.70		
1.4	16QAM	1	3	19.84	19.99	19.87		
1.4	16QAM	1	5	19.83	19.93	19.89	21.7	0
1.4	16QAM	3	0	19.85	19.91	19.89		
1.4	16QAM	3	1	19.75	19.89	19.77		
1.4	16QAM	3	3	19.85	19.96	19.83		
1.4	16QAM	6	0	19.77	19.88	19.79	21.7	0
1.4	64QAM	1	0	19.89	20.02	19.77		
1.4	64QAM	1	3	19.72	19.86	19.77		
1.4	64QAM	1	5	19.85	19.84	19.84	21.7	0
1.4	64QAM	3	0	19.70	19.82	19.77		
1.4	64QAM	3	1	19.90	19.93	19.77		
1.4	64QAM	3	3	19.93	19.97	19.88		
1.4	64QAM	6	0	19.85	19.89	19.84	21.7	0
1.4	256QAM	1	0	18.96	19.00	18.99		
1.4	256QAM	1	3	18.94	19.04	18.86		
1.4	256QAM	1	5	18.81	18.98	18.88	20.7	1
1.4	256QAM	3	0	19.02	19.12	19.09		
1.4	256QAM	3	1	18.85	18.93	18.91		
1.4	256QAM	3	3	19.00	19.01	18.97		
1.4	256QAM	6	0	18.99	19.07	19.04	20.7	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				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	20.09	20.17	20.04	21.5	0
20	QPSK	1	49	20.05	20.11	20.04		
20	QPSK	1	99	19.93	20.05	19.92		
20	QPSK	50	0	20.10	20.15	20.02	21.5	0
20	QPSK	50	24	20.00	20.06	19.96		
20	QPSK	50	50	20.01	20.11	20.01		
20	QPSK	100	0	20.05	20.12	19.97		
20	16QAM	1	0	20.08	20.12	20.03	21.5	0
20	16QAM	1	49	20.01	20.16	20.06		
20	16QAM	1	99	20.10	20.15	20.00		
20	16QAM	50	0	20.02	20.11	20.01	21.5	0
20	16QAM	50	24	19.94	20.08	20.04		
20	16QAM	50	50	20.11	20.14	20.09		
20	16QAM	100	0	19.93	20.05	20.00		
20	64QAM	1	0	20.04	20.10	19.97	21.5	0
20	64QAM	1	49	20.12	20.16	20.13		
20	64QAM	1	99	19.99	20.04	20.00		
20	64QAM	50	0	19.99	20.07	19.99	21.5	0
20	64QAM	50	24	20.02	20.10	20.06		
20	64QAM	50	50	19.93	20.05	19.98		
20	64QAM	100	0	20.02	20.14	20.03		
20	256QAM	1	0	17.48	17.54	17.55	19	2.5
20	256QAM	1	49	17.44	17.57	17.53		
20	256QAM	1	99	17.40	17.52	17.49		
20	256QAM	50	0	17.43	17.53	17.46	19	2.5
20	256QAM	50	24	17.46	17.53	17.40		
20	256QAM	50	50	17.37	17.43	17.45		
20	256QAM	100	0	17.45	17.56	17.52		
Channel				42165	42590	43015	Tune-up limit	MPR
Frequency (MHz)				3457.5	3500	3542.5	(dBm)	(dB)
15	QPSK	1	0	20.05	20.09	19.97	21.5	0
15	QPSK	1	37	19.98	19.96	20.00		
15	QPSK	1	74	19.87	19.92	19.78		
15	QPSK	36	0	20.06	20.04	19.88	21.5	0
15	QPSK	36	20	19.95	19.97	19.84		
15	QPSK	36	39	19.89	20.07	19.96		
15	QPSK	75	0	20.01	20.09	19.86		
15	16QAM	1	0	20.02	20.03	19.96	21.5	0
15	16QAM	1	37	19.94	20.07	19.92		
15	16QAM	1	74	20.03	20.11	19.87		
15	16QAM	36	0	19.98	20.07	19.93	21.5	0
15	16QAM	36	20	19.88	20.02	19.94		
15	16QAM	36	39	19.99	20.01	20.03		
15	16QAM	75	0	19.84	19.94	19.93		
15	64QAM	1	0	19.98	19.97	19.92	21.5	0
15	64QAM	1	37	20.06	20.11	20.06		
15	64QAM	1	74	19.86	19.95	19.92		
15	64QAM	36	0	19.96	20.01	19.93	21.5	0
15	64QAM	36	20	19.95	20.02	20.01		
15	64QAM	36	39	19.79	19.97	19.86		
15	64QAM	75	0	19.93	20.08	19.91		
15	256QAM	1	0	17.45	17.40	17.52	19	2.5
15	256QAM	1	37	17.36	17.54	17.38		
15	256QAM	1	74	17.31	17.37	17.41		
15	256QAM	36	0	17.32	17.40	17.38	19	2.5
15	256QAM	36	20	17.42	17.49	17.30		
15	256QAM	36	39	17.33	17.32	17.33		
15	256QAM	75	0	17.41	17.41	17.47		
Channel				42140	42590	43040	Tune-up limit	MPR
Frequency (MHz)				3455	3500	3545	(dBm)	(dB)
10	QPSK	1	0	19.95	20.13	19.93	21.5	0
10	QPSK	1	25	19.95	19.99	19.94		
10	QPSK	1	49	19.81	19.92	19.86		
10	QPSK	25	0	19.95	20.09	19.96	21.5	0
10	QPSK	25	12	19.94	20.01	19.91		
10	QPSK	25	25	19.88	19.97	19.93		
10	QPSK	50	0	19.94	19.98	19.90		
10	16QAM	1	0	20.00	20.06	19.96	21.5	0
10	16QAM	1	25	19.97	20.05	19.93		
10	16QAM	1	49	20.03	20.03	19.97		
10	16QAM	25	0	19.93	20.03	19.90	21.5	0
10	16QAM	25	12	19.88	20.00	19.94		
10	16QAM	25	25	19.98	20.08	19.99		
10	16QAM	50	0	19.88	19.98	19.88		
10	64QAM	1	0	19.96	20.02	19.89	21.5	0
10	64QAM	1	25	20.03	20.02	20.06		
10	64QAM	1	49	19.87	19.94	19.92		
10	64QAM	25	0	19.95	19.94	19.88	21.5	0
10	64QAM	25	12	19.90	19.98	20.03		
10	64QAM	25	25	19.90	19.97	19.94		
10	64QAM	50	0	19.88	20.04	19.91		
10	256QAM	1	0	17.35	17.39	17.44	19	2.5
10	256QAM	1	25	17.33	17.51	17.42		
10	256QAM	1	49	17.28	17.48	17.40		
10	256QAM	25	0	17.37	17.38	17.32	19	2.5
10	256QAM	25	12	17.34	17.41	17.34		
10	256QAM	25	25	17.23	17.36	17.38		
10	256QAM	50	0	17.36	17.51	17.47		
Channel				42115	42590	43065	Tune-up limit	MPR
Frequency (MHz)				3452.5	3500	3547.5	(dBm)	(dB)
5	QPSK	1	0	20.00	20.09	20.01	21.5	0
5	QPSK	1	12	19.92	19.98	19.96		
5	QPSK	1	24	19.81	19.96	19.79		
5	QPSK	12	0	20.01	20.11	19.91	21.5	0
5	QPSK	12	7	19.86	20.00	19.85		
5	QPSK	12	13	19.89	20.06	19.93		
5	QPSK	25	0	19.95	20.06	19.90	21.5	0
5	16QAM	1	0	19.94	20.03	19.92		
5	16QAM	1	12	19.87	20.10	19.99		
5	16QAM	1	24	19.99	20.04	19.94		
5	16QAM	12	0	19.98	20.04	19.93	21.5	0
5	16QAM	12	7	19.79	19.96	20.00		
5	16QAM	12	13	20.04	20.03	20.01		
5	16QAM	25	0	19.81	19.94	19.97	21.5	0
5	64QAM	1	0	19.92	19.97	19.92		
5	64QAM	1	12	20.09	20.12	20.06		
5	64QAM	1	24	19.96	19.90	19.88		
5	64QAM	12	0	19.95	19.93	19.84	21.5	0
5	64QAM	12	7	19.89	19.95	19.93		
5	64QAM	12	13	19.82	19.97	19.92		
5	64QAM	25	0	19.99	20.09	19.90		
5	256QAM	1	0	17.39	17.46	17.48	19	2.5
5	256QAM	1	12	17.36	17.53	17.42		
5	256QAM	1	24	17.34	17.39	17.41		
5	256QAM	12	0	17.36	17.40	17.41	19	2.5
5	256QAM	12	7	17.32	17.41	17.25		
5	256QAM	12	13	17.24	17.37	17.39		
5	256QAM	25	0	17.36	17.45	17.44		

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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	18.63	18.79	18.43	18.50	20	0
20	QPSK	1	49	18.61	18.59	18.62	18.61		
20	QPSK	1	99	18.57	18.71	18.43	18.60		
20	QPSK	50	0	18.54	18.76	18.64	18.62	20	0
20	QPSK	50	24	18.53	18.56	18.52	18.65		
20	QPSK	50	50	18.42	18.64	18.49	18.66		
20	QPSK	100	0	18.61	18.62	18.46	18.59		
20	16QAM	1	0	18.60	18.58	18.41	18.52	20	0
20	16QAM	1	49	18.46	18.67	18.55	18.57		
20	16QAM	1	99	18.62	18.62	18.49	18.59		
20	16QAM	50	0	18.63	18.67	18.52	18.56	20	0
20	16QAM	50	24	18.42	18.54	18.60	18.50		
20	16QAM	50	50	18.46	18.70	18.58	18.58		
20	16QAM	100	0	18.63	18.51	18.47	18.62		
20	64QAM	1	0	18.47	18.61	18.43	18.58	20	0
20	64QAM	1	49	18.50	18.62	18.48	18.65		
20	64QAM	1	99	18.61	18.50	18.42	18.56		
20	64QAM	50	0	18.64	18.59	18.54	18.57	20	0
20	64QAM	50	24	18.65	18.62	18.33	18.57		
20	64QAM	50	50	18.48	18.66	18.45	18.48		
20	64QAM	100	0	18.53	18.60	18.45	18.47		
20	256QAM	1	0	16.25	16.34	16.28	16.24	17.5	2.5
20	256QAM	1	49	16.26	16.30	16.21	16.26		
20	256QAM	1	99	16.17	16.25	16.21	16.21		
20	256QAM	50	0	16.31	16.37	16.31	16.33	17.5	2.5
20	256QAM	50	24	16.28	16.33	16.19	16.28		
20	256QAM	50	50	16.25	16.34	16.17	16.23		
20	256QAM	100	0	16.33	16.42	16.35	16.32		
Channel				55315	55820	56160	56665	Tune-up limit	MPR
Frequency (MHz)				3557.5	3608	3642	3692.5	(dBm)	(dB)
15	QPSK	1	0	18.60	18.61	18.41	18.63	20	0
15	QPSK	1	37	18.63	18.43	18.59	18.60		
15	QPSK	1	74	18.43	18.53	18.35	18.55		
15	QPSK	36	0	18.55	18.42	18.35	18.58	20	0
15	QPSK	36	20	18.53	18.62	18.54	18.63		
15	QPSK	36	39	18.43	18.66	18.34	18.51		
15	QPSK	75	0	18.43	18.55	18.62	18.54		
15	16QAM	1	0	18.38	18.42	18.50	18.51	20	0
15	16QAM	1	37	18.36	18.50	18.31	18.54		
15	16QAM	1	74	18.64	18.47	18.64	18.46		
15	16QAM	36	0	18.47	18.52	18.57	18.60	20	0
15	16QAM	36	20	18.40	18.49	18.34	18.35		
15	16QAM	36	39	18.47	18.66	18.37	18.71		
15	16QAM	75	0	18.64	18.43	18.61	18.49		
15	64QAM	1	0	18.42	18.57	18.45	18.40	20	0
15	64QAM	1	37	18.47	18.42	18.41	18.63		
15	64QAM	1	74	18.43	18.32	18.49	18.42		
15	64QAM	36	0	18.49	18.43	18.61	18.41	20	0
15	64QAM	36	20	18.55	18.46	18.54	18.58		
15	64QAM	36	39	18.29	18.63	18.37	18.65		
15	64QAM	75	0	18.40	18.60	18.47	18.54		
15	256QAM	1	0	16.12	16.26	16.12	16.15	17.5	2.5
15	256QAM	1	37	16.09	16.30	16.24	16.25		
15	256QAM	1	74	15.97	16.19	16.19	16.16		
15	256QAM	36	0	16.30	16.22	16.15	16.31	17.5	2.5
15	256QAM	36	20	16.18	16.34	16.13	16.16		
15	256QAM	36	39	16.22	16.34	16.04	16.15		
15	256QAM	75	0	16.32	16.25	16.19	16.21		
Channel				55290	55815	56165	56690	Tune-up limit	MPR
Frequency (MHz)				3555	3607.5	3642.5	3695	(dBm)	(dB)
10	QPSK	1	0	18.44	18.62	18.59	18.59	20	0
10	QPSK	1	25	18.40	18.55	18.47	18.57		
10	QPSK	1	49	18.55	18.66	18.32	18.43		
10	QPSK	25	0	18.46	18.41	18.40	18.53	20	0
10	QPSK	25	12	18.45	18.56	18.54	18.49		
10	QPSK	25	25	18.41	18.64	18.44	18.56		
10	QPSK	50	0	18.60	18.56	18.56	18.41		
10	16QAM	1	0	18.42	18.38	18.47	18.58	20	0
10	16QAM	1	25	18.29	18.69	18.31	18.51		
10	16QAM	1	49	18.56	18.60	18.43	18.54		
10	16QAM	25	0	18.63	18.53	18.42	18.66	20	0
10	16QAM	25	12	18.41	18.54	18.22	18.46		
10	16QAM	25	25	18.38	18.57	18.45	18.61		
10	16QAM	50	0	18.58	18.44	18.60	18.35		
10	64QAM	1	0	18.46	18.41	18.31	18.39	20	0
10	64QAM	1	25	18.42	18.49	18.38	18.52		
10	64QAM	1	49	18.60	18.42	18.42	18.51		
10	64QAM	25	0	18.43	18.46	18.59	18.41	20	0
10	64QAM	25	12	18.52	18.63	18.65	18.59		
10	64QAM	25	25	18.39	18.57	18.38	18.57		
10	64QAM	50	0	18.45	18.58	18.50	18.53		
10	256QAM	1	0	16.04	16.17	16.19	16.20	17.5	2.5
10	256QAM	1	25	16.16	16.18	16.16	16.09		
10	256QAM	1	49	16.10	16.19	16.01	16.13		
10	256QAM	25	0	16.22	16.16	16.19	16.30	17.5	2.5
10	256QAM	25	12	16.21	16.22	16.10	16.31		
10	256QAM	25	25	16.11	16.20	16.20	16.12		
10	256QAM	50	0	16.23	16.40	16.18	16.36		
Channel				55265	55810	56170	56715	Tune-up limit	MPR
Frequency (MHz)				3552.5	3607	3643	3697.5	(dBm)	(dB)
5	QPSK	1	0	18.43	18.69	18.57	18.51	20	0
5	QPSK	1	12	18.45	18.61	18.52	18.37		
5	QPSK	1	24	18.40	18.51	18.50	18.63		
5	QPSK	12	0	18.53	18.55	18.41	18.41	20	0
5	QPSK	12	7	18.49	18.52	18.38	18.49		
5	QPSK	12	13	18.28	18.45	18.35	18.62		
5	QPSK	25	0	18.42	18.54	18.51	18.55		
5	16QAM	1	0	18.46	18.58	18.60	18.60	20	0
5	16QAM	1	12	18.26	18.66	18.46	18.46		
5	16QAM	1	24	18.60	18.58	18.50	18.45		
5	16QAM	12	0	18.59	18.47	18.48	18.61	20	0
5	16QAM	12	7	18.26	18.42	18.26	18.51		
5	16QAM	12	13	18.44	18.69	18.32	18.49		
5	16QAM	25	0	18.55	18.40	18.55	18.31	20	0
5	64QAM	1	0	18.28	18.55	18.42	18.48		
5	64QAM	1	12	18.39	18.49	18.33	18.50		
5	64QAM	1	24	18.51	18.33	18.44	18.38		
5	64QAM	12	0	18.48	18.37	18.63	18.43	20	0
5	64QAM	12	7	18.56	18.44	18.50	18.47		
5	64QAM	12	13	18.32	18.60	18.46	18.49		
5	64QAM	25	0	18.39	18.47	18.41	18.52		
5	256QAM	1	0	16.12	16.18	16.18	16.18	17.5	2.5
5	256QAM	1	12	16.25	16.15	16.05	16.21		
5	256QAM	1	24	15.98	16.08	16.12	16.18		
5	256QAM	12	0	16.25	16.29	16.09	16.35	17.5	2.5
5	256QAM	12	7	16.12	16.26	16.21	16.18		
5	256QAM	12	13	16.09	16.15	16.18	16.16		
5	256QAM	25	0	16.34	16.38	16.20	16.32		

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	29.65	29.58	29.74	30.40	20.65	20.58	20.74	21.40
GPRS 1 Tx slot	29.59	29.51	29.66	30.40	20.59	20.51	20.66	21.40
GPRS 2 Tx slots	26.53	26.47	26.61	27.40	20.53	20.47	20.61	21.40
GPRS 3 Tx slots	24.65	24.48	24.65	25.60	20.39	20.22	20.39	21.34
GPRS 4 Tx slots	23.42	23.46	23.42	24.40	20.42	20.46	20.42	21.40
EDGE 1 Tx slot	25.25	25.09	25.26	26.40	16.25	16.09	16.26	17.40
EDGE 2 Tx slots	22.61	22.44	22.53	23.40	16.61	16.44	16.53	17.40
EDGE 3 Tx slots	20.51	20.47	20.65	21.60	16.25	16.21	16.39	17.34
EDGE 4 Tx slots	19.34	19.22	19.45	20.40	16.34	16.22	16.45	17.40

		WCDMA II Ant3 DSI5				WCDMA IV Ant3 DSI5			
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	21.26	21.16	21.04	22.10	21.16	21.16	21.07	21.90
3GPP Rel 99	RMC 12.2Kbps	21.12	21.27	21.05	22.10	21.14	21.21	21.20	21.90
3GPP Rel 6	HSDPA Subtest-1	20.08	20.33	20.29	21.10	20.14	20.15	20.34	20.90
3GPP Rel 6	HSDPA Subtest-2	20.25	20.25	19.98	21.10	20.24	20.29	19.99	20.90
3GPP Rel 6	HSDPA Subtest-3	19.66	19.70	19.75	20.60	19.62	19.75	19.62	20.40
3GPP Rel 6	HSDPA Subtest-4	19.69	19.88	19.61	20.60	19.49	19.92	19.74	20.40
3GPP Rel 8	DC-HSDPA Subtest-1	20.27	20.30	20.13	21.10	20.36	20.24	20.09	20.90
3GPP Rel 8	DC-HSDPA Subtest-2	20.09	20.24	20.16	21.10	20.19	20.35	20.30	20.90
3GPP Rel 8	DC-HSDPA Subtest-3	19.71	19.83	19.71	20.60	19.56	19.92	19.65	20.40
3GPP Rel 8	DC-HSDPA Subtest-4	19.72	19.78	19.77	20.60	19.75	19.80	19.86	20.40
3GPP Rel 6	HSUPA Subtest-1	20.23	20.42	20.39	21.10	20.23	20.44	20.28	20.90
3GPP Rel 6	HSUPA Subtest-2	18.15	18.41	18.26	19.10	18.27	18.42	18.20	18.90
3GPP Rel 6	HSUPA Subtest-3	19.20	19.45	19.05	20.10	19.29	19.39	19.20	19.90
3GPP Rel 6	HSUPA Subtest-4	18.06	18.20	18.16	19.10	17.97	18.16	18.26	18.90
3GPP Rel 6	HSUPA Subtest-5	20.18	20.07	19.96	21.10	20.20	20.16	20.16	20.90
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	17.81	17.69	17.65	18.60	17.76	17.61	17.72	18.40

Band 2 Ant3 DSI 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1880	1880	1900		
20	QPSK	1	0	22.02	22.13	22.02		
20	QPSK	1	49	21.79	21.87	21.76	22.6	0
20	QPSK	1	99	21.92	21.84	21.75		
20	QPSK	50	0	21.84	22.06	21.82		
20	QPSK	50	24	21.90	21.98	21.95	22.6	0
20	QPSK	50	50	21.95	21.98	21.85		
20	QPSK	100	0	21.93	22.02	21.94		
20	16QAM	1	0	21.84	21.86	21.82		
20	16QAM	1	49	21.77	21.91	21.80	22.6	0
20	16QAM	1	99	21.87	22.01	21.80		
20	16QAM	50	0	22.03	21.96	21.91		
20	16QAM	50	24	21.84	21.94	21.72	22.6	0
20	16QAM	50	50	21.86	21.98	21.75		
20	16QAM	100	0	21.95	21.99	21.92		
20	64QAM	1	0	21.77	21.97	21.99		
20	64QAM	1	49	21.86	21.94	21.83	22.6	0
20	64QAM	1	99	21.92	21.88	21.82		
20	64QAM	50	0	21.78	21.91	21.88		
20	64QAM	50	24	21.86	21.99	21.76	22.6	0
20	64QAM	50	50	21.79	21.91	21.73		
20	64QAM	100	0	21.85	21.84	21.68		
20	256QAM	1	0	19.87	20.04	19.84		
20	256QAM	1	49	19.81	20.01	19.86	20.6	2
20	256QAM	1	99	19.81	19.82	19.67		
20	256QAM	50	0	19.78	19.82	19.88		
20	256QAM	50	24	19.72	19.89	19.96	20.6	2
20	256QAM	50	50	19.73	19.96	19.67		
20	256QAM	100	0	19.82	19.91	19.75		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	21.86	21.90	21.87		
15	QPSK	1	37	21.68	21.65	21.56	22.6	0
15	QPSK	1	74	21.85	21.62	21.68		
15	QPSK	36	0	21.67	22.01	21.73		
15	QPSK	36	20	21.81	21.90	21.69	22.6	0
15	QPSK	36	39	21.86	21.84	21.76		
15	QPSK	75	0	21.68	21.97	21.70		
15	16QAM	1	0	21.79	21.81	21.67		
15	16QAM	1	37	21.71	21.82	21.66	22.6	0
15	16QAM	1	74	21.80	21.88	21.57		
15	16QAM	36	0	21.77	21.80	21.76		
15	16QAM	36	20	21.66	21.83	21.57	22.6	0
15	16QAM	36	39	21.59	21.86	21.66		
15	16QAM	75	0	21.83	21.91	21.85		
15	64QAM	1	0	21.71	21.72	21.88		
15	64QAM	1	37	21.78	21.74	21.69	22.6	0
15	64QAM	1	74	21.87	21.77	21.75		
15	64QAM	36	0	21.67	21.74	21.83		
15	64QAM	36	20	21.79	21.74	21.70	22.6	0
15	64QAM	36	39	21.59	21.84	21.70		
15	64QAM	75	0	21.78	21.70	21.51		
15	256QAM	1	0	19.83	19.98	19.75		
15	256QAM	1	37	19.57	19.95	19.65	20.6	2
15	256QAM	1	74	19.57	19.63	19.55		
15	256QAM	36	0	19.71	19.61	19.65		
15	256QAM	36	20	19.53	19.64	19.76	20.6	2
15	256QAM	36	39	19.64	19.89	19.60		
15	256QAM	75	0	19.64	19.68	19.53		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	21.91	21.96	21.81		
10	QPSK	1	25	21.68	21.75	21.73	22.6	0
10	QPSK	1	49	21.70	21.58	21.49		
10	QPSK	25	0	21.75	21.93	21.67		
10	QPSK	25	12	21.74	21.71	21.84	22.6	0
10	QPSK	25	25	21.72	21.94	21.67		
10	QPSK	50	0	21.83	21.92	21.85		
10	16QAM	1	0	21.64	21.74	21.55		
10	16QAM	1	25	21.73	21.82	21.64	22.6	0
10	16QAM	1	49	21.78	21.78	21.58		
10	16QAM	25	0	21.99	21.71	21.76		
10	16QAM	25	12	21.75	21.84	21.58	22.6	0
10	16QAM	25	25	21.73	21.95	21.54		
10	16QAM	50	0	21.69	21.77	21.77		
10	64QAM	1	0	21.51	21.92	21.84		
10	64QAM	1	25	21.61	21.73	21.67	22.6	0
10	64QAM	1	49	21.78	21.71	21.60		
10	64QAM	25	0	21.71	21.69	21.68		
10	64QAM	25	12	21.81	21.79	21.54	22.6	0
10	64QAM	25	25	21.56	21.86	21.54		
10	64QAM	50	0	21.71	21.67	21.43		
10	256QAM	1	0	19.61	20.00	19.79		
10	256QAM	1	25	19.69	19.80	19.82	20.6	2
10	256QAM	1	49	19.67	19.78	19.52		
10	256QAM	25	0	19.74	19.63	19.77		
10	256QAM	25	12	19.62	19.73	19.73	20.6	2
10	256QAM	25	25	19.67	19.88	19.54		
10	256QAM	50	0	19.63	19.80	19.63		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	21.83	21.89	21.95		
5	QPSK	1	12	21.57	21.66	21.71	22.6	0
5	QPSK	1	24	21.68	21.74	21.55		
5	QPSK	12	0	21.60	21.89	21.64		
5	QPSK	12	7	21.78	21.78	21.88	22.6	0
5	QPSK	12	13	21.76	21.85	21.81		
5	QPSK	25	0	21.87	21.81	21.84		
5	16QAM	1	0	21.75	21.69	21.78		
5	16QAM	1	12	21.61	21.88	21.69	22.6	0
5	16QAM	1	24	21.80	21.85	21.57		
5	16QAM	12	0	21.99	21.91	21.81		
5	16QAM	12	7	21.79	21.77	21.51	22.6	0
5	16QAM	12	13	21.65	21.75	21.70		
5	16QAM	25	0	21.77	21.78	21.75		
5	64QAM	1	0	21.72	21.90	21.73		
5	64QAM	1	12	21.61	21.88	21.65	22.6	0
5	64QAM	1	24	21.88	21.66	21.61		
5	64QAM	12	0	21.55	21.68	21.64		
5	64QAM	12	7	21.69	21.73	21.62	22.6	0
5	64QAM	12	13	21.56	21.74	21.53		
5	64QAM	25	0	21.76	21.78	21.43		
5	256QAM	1	0	19.65	19.91	19.60		
5	256QAM	1	12	19.67	19.86	19.69	20.6	2
5	256QAM	1	24	19.64	19.69	19.61		
5	256QAM	12	0	19.51	19.76	19.84		
5	256QAM	12	7	19.64	19.64	19.70	20.6	2
5	256QAM	12	13	19.60	19.90	19.42		
5	256QAM	25	0	19.77	19.71	19.50		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	21.80	21.95	21.98		
3	QPSK	1	8	21.57	21.77	21.51	22.6	0
3	QPSK	1	14	21.84	21.63	21.63		
3	QPSK	8	0	21.78	21.82	21.79		
3	QPSK	8	4	21.71	21.95	21.81	22.6	0
3	QPSK	8	7	21.80	21.86	21.72		
3	QPSK	15	0	21.78	21.93	21.78		
3	16QAM	1	0	21.61	21.71	21.78		
3	16QAM	1	8	21.58	21.75	21.62	22.6	0
3	16QAM	1	14	21.63	21.80	21.62		
3	16QAM	8	0	21.98	21.90	21.68		
3	16QAM	8	4	21.63	21.89	21.66	22.6	0
3	16QAM	8	7	21.68	21.74	21.69		
3	16QAM	15	0	21.74	21.77	21.69		
3	64QAM	1	0	21.55	21.80	21.79		
3	64QAM	1	8	21.76	21.71	21.79	22.6	0
3	64QAM	1	14	21.76	21.66	21.58		
3	64QAM	8	0	21.68	21.82	21.82		
3	64QAM	8	4	21.70	21.94	21.57	22.6	0
3	64QAM	8	7	21.73	21.80	21.60		
3	64QAM	15	0	21.81	21.80	21.51		
3	256QAM	1	0	19.72	19.93	19.60		
3	256QAM	1	8	19.69	19.81	19.66	20.6	2
3	256QAM	1	14	19.74	19.73	19.52		
3	256QAM	8	0	19.62	19.56	19.84		
3	256QAM	8	4	19.65	19.71	19.77	20.6	2
3	256QAM	8	7	19.55	19.76	19.41		
3	256QAM	15	0	19.69	19.88	19.50		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	21.98	21.92	21.92		
1.4	QPSK	1	3	21.59	21.63	21.67		
1.4	QPSK	1	5	21.83	21.63	21.56	22.6	0
1.4	QPSK	3	0	21.61	21.87	21.63		
1.4	QPSK	3	1	21.72	21.81	21.71		
1.4	QPSK	3	3	21.80	21.75	21.62		
1.4	QPSK	6	0	21.86	21.85	21.73	22.6	0
1.4	16QAM	1	0	21.70	21.61	21.58		
1.4	16QAM	1	3	21.66	21.83	21.58		
1.4	16QAM	1	5	21.83	21.94	21.54	22.6	0
1.4	16QAM	3	0	21.88	21.90	21.85		
1.4	16QAM	3	1	21.73	21.82	21.64		
1.4	16QAM	3	3	21.60	21.85	21.64		
1.4	16QAM	6	0	21.80	21.72	21.66	22.6	0
1.4	64QAM	1	0	21.52	21.93	21.92		
1.4	64QAM	1	3	21.65	21.74	21.75		
1.4	64QAM	1	5	21.71	21.75	21.69	22.6	0
1.4	64QAM	3	0	21.69	21.86	21.63		
1.4	64QAM	3	1	21.77	21.94	21.69		
1.4	64QAM	3	3	21.68	21.87	21.49		
1.4	64QAM	6	0	21.67	21.60	21.46	22.6	0
1.4	256QAM	1	0	19.67	19.78	19.74		
1.4	256QAM	1	3	19.66	19.94	19.83		
1.4	256QAM	1	5	19.69	19.63	19.59	20.6	2
1.4	256QAM	3	0	19.75	19.61	19.72		
1.4	256QAM	3	1	19.59	19.64	19.73		
1.4	256QAM	3	3	19.59	19.74	19.58		
1.4	256QAM	6	0	19.62	19.67	19.71	20.6	2

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	22.08	22.22	22.21		
20	QPSK	1	49	21.86	22.08	21.88	22.5	0
20	QPSK	1	99	22.09	21.95	21.79		
20	QPSK	50	0	21.85	22.21	22.00		
20	QPSK	50	24	21.95	22.18	22.13	22.5	0
20	QPSK	50	50	22.09	22.01	21.89		
20	QPSK	100	0	22.01	22.12	22.02		
20	16QAM	1	0	21.89	22.01	21.83		
20	16QAM	1	49	21.89	22.08	21.93	22.5	0
20	16QAM	1	99	22.06	22.16	21.98		
20	16QAM	50	0	22.13	21.95	21.98		
20	16QAM	50	24	22.06	21.95	21.76	22.5	0
20	16QAM	50	50	22.07	22.03	21.85		
20	16QAM	100	0	22.16	21.97	21.93		
20	64QAM	1	0	21.87	22.08	22.09		
20	64QAM	1	49	22.08	22.10	21.99	22.5	0
20	64QAM	1	99	21.98	21.94	21.94		
20	64QAM	50	0	21.89	21.94	21.90		
20	64QAM	50	24	22.01	22.10	21.79	22.5	0
20	64QAM	50	50	21.83	22.13	21.78		
20	64QAM	100	0	21.94	21.86	21.89		
20	256QAM	1	0	19.86	20.04	19.92		
20	256QAM	1	49	20.03	20.14	20.04	20.5	2
20	256QAM	1	99	19.86	20.03	19.70		
20	256QAM	50	0	19.84	19.92	19.98		
20	256QAM	50	24	19.81	20.04	20.05	20.5	2
20	256QAM	50	50	19.85	20.04	19.83		
20	256QAM	100	0	19.95	19.94	19.73		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.04	22.09	22.05		
15	QPSK	1	37	21.89	21.96	21.92	22.5	0
15	QPSK	1	74	22.14	21.92	21.78		
15	QPSK	36	0	22.05	22.15	21.84		
15	QPSK	36	20	21.97	22.13	21.94	22.5	0
15	QPSK	36	39	21.95	22.00	21.88		
15	QPSK	75	0	22.12	22.19	22.04		
15	16QAM	1	0	21.93	21.87	21.95		
15	16QAM	1	37	21.88	22.05	21.84	22.5	0
15	16QAM	1	74	22.06	22.21	21.98		
15	16QAM	36	0	22.18	22.17	21.94		
15	16QAM	36	20	21.91	22.05	21.92	22.5	0
15	16QAM	36	39	21.96	22.06	21.89		
15	16QAM	75	0	22.03	22.10	22.03		
15	64QAM	1	0	21.85	22.00	21.99		
15	64QAM	1	37	21.99	22.08	21.86	22.5	0
15	64QAM	1	74	22.12	21.86	21.81		
15	64QAM	36	0	21.94	21.97	21.89		
15	64QAM	36	20	21.99	22.03	21.79	22.5	0
15	64QAM	36	39	21.81	21.99	21.83		
15	64QAM	75	0	21.87	22.00	21.73		
15	256QAM	1	0	20.05	20.11	19.94		
15	256QAM	1	37	19.98	20.20	19.87	20.5	2
15	256QAM	1	74	20.00	19.98	19.77		
15	256QAM	36	0	19.97	19.91	20.02		
15	256QAM	36	20	19.76	20.00	20.10	20.5	2
15	256QAM	36	39	19.91	19.97	19.70		
15	256QAM	75	0	19.82	19.97	19.82		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.05	22.21	22.02		
10	QPSK	1	25	21.95	21.96	21.75	22.5	0
10	QPSK	1	49	21.95	21.92	21.77		
10	QPSK	25	0	22.04	22.12	21.99		
10	QPSK	25	12	21.94	21.99	21.95	22.5	0
10	QPSK	25	25	21.93	22.08	21.93		
10	QPSK	50	0	22.15	22.20	22.05		
10	16QAM	1	0	22.01	21.85	21.81		
10	16QAM	1	25	21.96	21.96	21.96	22.5	0
10	16QAM	1	49	22.08	22.08	21.97		
10	16QAM	25	0	22.16	22.02	22.03		
10	16QAM	25	12	22.02	22.07	21.73	22.5	0
10	16QAM	25	25	22.02	22.07	21.76		
10	16QAM	50	0	21.96	22.12	22.03		
10	64QAM	1	0	21.80	22.01	22.10		
10	64QAM	1	25	21.92	22.16	21.84	22.5	0
10	64QAM	1	49	22.14	21.89	22.00		
10	64QAM	25	0	21.97	22.00	22.06		
10	64QAM	25	12	21.94	22.10	21.76	22.5	0
10	64QAM	25	25	21.89	21.99	21.82		
10	64QAM	50	0	21.89	21.94	21.82		
10	256QAM	1	0	19.93	20.04	19.86		
10	256QAM	1	25	19.82	20.08	20.00	20.5	2
10	256QAM	1	49	20.00	19.91	19.79		
10	256QAM	25	0	19.89	19.87	19.90		
10	256QAM	25	12	19.79	20.04	20.09	20.5	2
10	256QAM	25	25	19.90	20.07	19.68		
10	256QAM	50	0	19.91	20.10	19.81		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.01	22.19	22.02		
5	QPSK	1	12	21.89	21.98	21.97	22.5	0
5	QPSK	1	24	21.91	21.88	21.82		
5	QPSK	12	0	22.01	22.12	22.00		
5	QPSK	12	7	21.96	22.19	22.12	22.5	0
5	QPSK	12	13	21.96	22.03	21.96		
5	QPSK	25	0	22.13	22.01	21.94		
5	16QAM	1	0	22.03	21.84	21.90		
5	16QAM	1	12	21.83	21.94	22.00	22.5	0
5	16QAM	1	24	21.95	22.05	21.86		
5	16QAM	12	0	22.01	22.06	21.91		
5	16QAM	12	7	21.99	22.15	21.86	22.5	0
5	16QAM	12	13	21.94	22.13	21.74		
5	16QAM	25	0	22.08	22.20	22.14		
5	64QAM	1	0	21.87	22.01	22.06		
5	64QAM	1	12	21.85	21.92	21.98	22.5	0
5	64QAM	1	24	22.10	21.99	22.02		
5	64QAM	12	0	21.83	22.04	21.89		
5	64QAM	12	7	21.94	22.05	21.96	22.5	0
5	64QAM	12	13	21.91	22.10	21.91		
5	64QAM	25	0	22.01	21.90	21.69		
5	256QAM	1	0	19.89	20.13	20.01		
5	256QAM	1	12	19.83	20.03	19.85	20.5	2
5	256QAM	1	24	19.86	19.94	19.84		
5	256QAM	12	0	19.93	19.96	20.07		
5	256QAM	12	7	19.85	20.06	20.03	20.5	2
5	256QAM	12	13	19.80	20.03	19.67		
5	256QAM	25	0	19.92	19.91	19.88		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.05	22.21	22.04		
3	QPSK	1	8	21.86	22.00	21.96	22.5	0
3	QPSK	1	14	22.11	21.95	21.94		
3	QPSK	8	0	21.96	22.11	21.87		
3	QPSK	8	4	21.99	22.17	22.12	22.5	0
3	QPSK	8	7	22.14	21.97	22.06		
3	QPSK	15	0	22.08	22.10	22.05		
3	16QAM	1	0	21.99	21.85	21.96		
3	16QAM	1	8	21.95	21.97	21.86	22.5	0
3	16QAM	1	14	21.97	22.19	21.91		
3	16QAM	8	0	22.13	21.94	22.11		
3	16QAM	8	4	21.87	22.03	21.92	22.5	0
3	16QAM	8	7	21.84	22.03	21.78		
3	16QAM	15	0	22.00	22.13	22.13		
3	64QAM	1	0	21.80	22.11	22.17		
3	64QAM	1	8	21.98	22.03	21.99	22.5	0
3	64QAM	1	14	22.00	21.94	21.90		
3	64QAM	8	0	21.83	22.08	22.06		
3	64QAM	8	4	21.86	22.06	21.80	22.5	0
3	64QAM	8	7	21.91	22.09	21.75		
3	64QAM	15	0	21.86	22.04	21.79		
3	256QAM	1	0	20.00	20.14	20.03		
3	256QAM	1	8	19.86	20.19	20.01	20.5	2
3	256QAM	1	14	19.85	19.88	19.74		
3	256QAM	8	0	19.89	19.98	19.88		
3	256QAM	8	4	19.78	20.00	20.17	20.5	2
3	256QAM	8	7	19.86	20.13	19.79		
3	256QAM	15	0	19.85	19.98	19.83		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.10	22.14	22.03		
1.4	QPSK	1	3	21.78	22.06	21.76		
1.4	QPSK	1	5	22.11	21.94	21.93	22.5	0
1.4	QPSK	3	0	21.98	22.19	21.99		
1.4	QPSK	3	1	22.06	21.96	22.05		
1.4	QPSK	3	3	22.06	22.20	21.94		
1.4	QPSK	6	0	22.11	22.05	22.06	22.5	0
1.4	16QAM	1	0	22.04	22.00	21.85		
1.4	16QAM	1	3	21.98	22.00	21.87		
1.4	16QAM	1	5	22.01	22.14	21.95	22.5	0
1.4	16QAM	3	0	22.15	22.08	21.96		
1.4	16QAM	3	1	21.90	22.12	21.92		
1.4	16QAM	3	3	21.96	22.14	21.82		
1.4	16QAM	6	0	21.93	22.03	22.13	22.5	0
1.4	64QAM	1	0	21.79	22.11	22.12		
1.4	64QAM	1	3	21.87	22.14	21.92		
1.4	64QAM	1	5	21.90	22.06	21.96	22.5	0
1.4	64QAM	3	0	21.99	22.00	22.01		
1.4	64QAM	3	1	22.01	22.07	21.95		
1.4	64QAM	3	3	21.78	21.98	21.94		
1.4	64QAM	6	0	21.95	22.02	21.78	22.5	0
1.4	256QAM	1	0	19.95	20.16	19.87		
1.4	256QAM	1	3	19.97	20.16	19.90		
1.4	256QAM	1	5	19.81	19.94	19.73	20.5	2
1.4	256QAM	3	0	19.79	19.82	19.98		
1.4	256QAM	3	1	19.82	20.05	20.01		
1.4	256QAM	3	3	19.85	20.06	19.75		
1.4	256QAM	6	0	19.98	19.97	19.74	20.5	2

Band 7 Ant3 DSI 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	18.58	18.82	18.81		
20	QPSK	1	49	18.48	18.61	18.59	19.2	0
20	QPSK	1	99	18.57	18.57	18.40		
20	QPSK	50	0	18.54	18.68	18.58		
20	QPSK	50	24	18.59	18.67	18.52	19.2	0
20	QPSK	50	50	18.54	18.65	18.45		
20	QPSK	100	0	18.36	18.56	18.44		
20	16QAM	1	0	18.55	18.64	18.65		
20	16QAM	1	49	18.54	18.71	18.46	19.2	0
20	16QA

Band 25 Ant3 DSI 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	20.76	20.83	20.54	21.1	0
20	QPSK	1	49	20.73	20.65	20.53		
20	QPSK	1	99	20.58	20.67	20.49		
20	QPSK	50	0	20.67	20.70	20.68	21.1	0
20	QPSK	50	24	20.68	20.68	20.67		
20	QPSK	50	50	20.52	20.61	20.61		
20	QPSK	100	0	20.70	20.72	20.61		
20	16QAM	1	0	20.71	20.76	20.63	21.1	0
20	16QAM	1	49	20.55	20.72	20.57		
20	16QAM	1	99	20.45	20.56	20.48		
20	16QAM	50	0	20.79	20.82	20.58	21.1	0
20	16QAM	50	24	20.68	20.69	20.49		
20	16QAM	50	50	20.57	20.64	20.61		
20	16QAM	100	0	20.58	20.68	20.78		
20	64QAM	1	0	20.65	20.72	20.71	21.1	0
20	64QAM	1	49	20.44	20.66	20.54		
20	64QAM	1	99	20.66	20.76	20.54		
20	64QAM	50	0	20.70	20.71	20.64	21.1	0
20	64QAM	50	24	20.47	20.64	20.68		
20	64QAM	50	50	20.42	20.67	20.52		
20	64QAM	100	0	20.51	20.57	20.55		
20	256QAM	1	0	20.13	20.33	20.15	20.6	0.5
20	256QAM	1	49	20.16	20.17	20.23		
20	256QAM	1	99	19.95	20.10	20.15		
20	256QAM	50	0	20.07	20.21	20.16	20.6	0.5
20	256QAM	50	24	20.25	20.19	20.24		
20	256QAM	50	50	19.96	20.09	20.08		
20	256QAM	100	0	20.03	20.14	19.94		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	20.68	20.71	20.42	21.1	0
15	QPSK	1	37	20.57	20.50	20.41		
15	QPSK	1	74	20.52	20.51	20.41		
15	QPSK	36	0	20.61	20.65	20.59	21.1	0
15	QPSK	36	20	20.53	20.51	20.63		
15	QPSK	36	39	20.44	20.47	20.56		
15	QPSK	75	0	20.62	20.64	20.51		
15	16QAM	1	0	20.67	20.69	20.58	21.1	0
15	16QAM	1	37	20.50	20.62	20.50		
15	16QAM	1	74	20.29	20.51	20.43		
15	16QAM	36	0	20.76	20.79	20.45	21.1	0
15	16QAM	36	20	20.64	20.65	20.39		
15	16QAM	36	39	20.46	20.48	20.58		
15	16QAM	75	0	20.48	20.62	20.61		
15	64QAM	1	0	20.54	20.55	20.61	21.1	0
15	64QAM	1	37	20.34	20.52	20.40		
15	64QAM	1	74	20.63	20.59	20.42		
15	64QAM	36	0	20.67	20.60	20.55	21.1	0
15	64QAM	36	20	20.39	20.60	20.53		
15	64QAM	36	39	20.28	20.63	20.47		
15	64QAM	75	0	20.33	20.42	20.51		
15	256QAM	1	0	20.07	20.29	20.02	20.6	0.5
15	256QAM	1	37	19.99	20.13	20.08		
15	256QAM	1	74	19.80	19.93	19.97		
15	256QAM	36	0	19.98	20.09	20.02	20.6	0.5
15	256QAM	36	20	20.11	20.03	20.06		
15	256QAM	36	39	19.88	19.94	19.90		
15	256QAM	75	0	19.90	20.11	19.91		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	20.71	20.78	20.37	21.1	0
10	QPSK	1	25	20.68	20.63	20.40		
10	QPSK	1	49	20.53	20.63	20.33		
10	QPSK	25	0	20.58	20.52	20.60	21.1	0
10	QPSK	25	12	20.55	20.66	20.63		
10	QPSK	25	25	20.38	20.53	20.46		
10	QPSK	50	0	20.63	20.61	20.49		
10	16QAM	1	0	20.63	20.60	20.50	21.1	0
10	16QAM	1	25	20.47	20.55	20.42		
10	16QAM	1	49	20.32	20.39	20.34		
10	16QAM	25	0	20.67	20.77	20.48	21.1	0
10	16QAM	25	12	20.65	20.56	20.37		
10	16QAM	25	25	20.49	20.52	20.56		
10	16QAM	50	0	20.53	20.65	20.70		
10	64QAM	1	0	20.61	20.67	20.55	21.1	0
10	64QAM	1	25	20.33	20.52	20.40		
10	64QAM	1	49	20.55	20.61	20.47		
10	64QAM	25	0	20.54	20.62	20.55	21.1	0
10	64QAM	25	12	20.30	20.49	20.66		
10	64QAM	25	25	20.34	20.56	20.37		
10	64QAM	50	0	20.36	20.53	20.46		
10	256QAM	1	0	20.03	20.18	20.00	20.6	0.5
10	256QAM	1	25	20.11	20.10	20.10		
10	256QAM	1	49	19.85	19.94	20.12		
10	256QAM	25	0	19.99	20.18	20.06	20.6	0.5
10	256QAM	25	12	20.15	20.04	20.22		
10	256QAM	25	25	19.80	19.96	20.01		
10	256QAM	50	0	19.87	20.00	19.89		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	20.61	20.79	20.39	21.1	0
5	QPSK	1	12	20.65	20.53	20.44		
5	QPSK	1	24	20.47	20.58	20.32		
5	QPSK	12	0	20.53	20.58	20.51	21.1	0
5	QPSK	12	7	20.60	20.52	20.61		
5	QPSK	12	13	20.40	20.48	20.50		
5	QPSK	25	0	20.55	20.62	20.57		
5	16QAM	1	0	20.56	20.71	20.51	21.1	0
5	16QAM	1	12	20.40	20.55	20.46		
5	16QAM	1	24	20.43	20.45	20.35		
5	16QAM	12	0	20.71	20.79	20.44	21.1	0
5	16QAM	12	7	20.57	20.62	20.35		
5	16QAM	12	13	20.43	20.58	20.44		
5	16QAM	25	0	20.45	20.59	20.70		
5	64QAM	1	0	20.53	20.64	20.62	21.1	0
5	64QAM	1	12	20.37	20.60	20.36		
5	64QAM	1	24	20.62	20.68	20.37		
5	64QAM	12	0	20.54	20.68	20.51	21.1	0
5	64QAM	12	7	20.37	20.51	20.63		
5	64QAM	12	13	20.36	20.55	20.40		
5	64QAM	25	0	20.37	20.40	20.37		
5	256QAM	1	0	20.10	20.27	20.00	20.6	0.5
5	256QAM	1	12	20.04	20.06	20.11		
5	256QAM	1	24	19.87	20.02	20.07		
5	256QAM	12	0	19.92	20.11	20.12	20.6	0.5
5	256QAM	12	7	20.11	20.02	20.19		
5	256QAM	12	13	19.89	20.01	19.92		
5	256QAM	25	0	19.89	20.07	19.91		
Channel				26065	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	20.70	20.66	20.39	21.1	0
3	QPSK	1	8	20.56	20.59	20.42		
3	QPSK	1	14	20.50	20.54	20.32		
3	QPSK	8	0	20.58	20.60	20.58	21.1	0
3	QPSK	8	4	20.51	20.57	20.51		
3	QPSK	8	7	20.48	20.47	20.58		
3	QPSK	15	0	20.60	20.57	20.55		
3	16QAM	1	0	20.63	20.58	20.48	21.1	0
3	16QAM	1	8	20.50	20.59	20.49		
3	16QAM	1	14	20.35	20.49	20.36		
3	16QAM	8	0	20.61	20.60	20.46	21.1	0
3	16QAM	8	4	20.50	20.57	20.46		
3	16QAM	8	7	20.47	20.56	20.56		
3	16QAM	15	0	20.47	20.52	20.65		
3	64QAM	1	0	20.54	20.59	20.67	21.1	0
3	64QAM	1	8	20.40	20.60	20.42		
3	64QAM	1	14	20.60	20.67	20.43		
3	64QAM	8	0	20.60	20.66	20.58	21.1	0
3	64QAM	8	4	20.42	20.53	20.64		
3	64QAM	8	7	20.25	20.61	20.40		
3	64QAM	15	0	20.35	20.42	20.52		
3	256QAM	1	0	20.06	20.23	20.01	20.6	0.5
3	256QAM	1	8	19.99	20.00	20.17		
3	256QAM	1	14	19.90	19.99	20.07		
3	256QAM	8	0	19.93	20.13	20.11	20.6	0.5
3	256QAM	8	4	20.21	20.06	20.06		
3	256QAM	8	7	19.79	20.00	19.99		
3	256QAM	15	0	19.95	19.96	19.88		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	20.72	20.73	20.36	21.1	0
1.4	QPSK	1	3	20.61	20.48	20.51		
1.4	QPSK	1	5	20.40	20.54	20.40		
1.4	QPSK	3	0	20.56	20.53	20.55		
1.4	QPSK	3	1	20.59	20.53	20.63		
1.4	QPSK	3	3	20.43	20.44	20.52		
1.4	QPSK	6	0	20.57	20.54	20.51	21.1	0
1.4	16QAM	1	0	20.65	20.66	20.46	21.1	0
1.4	16QAM	1	3	20.52	20.60	20.39		
1.4	16QAM	1	5	20.42	20.49	20.39		
1.4	16QAM	3	0	20.70	20.70	20.44		
1.4	16QAM	3	1	20.55	20.53	20.42		
1.4	16QAM	3	3	20.47	20.60	20.45		
1.4	16QAM	6	0	20.56	20.55	20.76	21.1	0
1.4	64QAM	1	0	20.61	20.63	20.60	21.1	0
1.4	64QAM	1	3	20.31	20.55	20.49		
1.4	64QAM	1	5	20.57	20.74	20.50		
1.4	64QAM	3	0	20.65	20.54	20.47		
1.4	64QAM	3	1	20.43	20.60	20.50		
1.4	64QAM	3	3	20.31	20.60	20.42		
1.4	64QAM	6	0	20.48	20.40	20.39	21.1	0
1.4	256QAM	1	0	19.97	20.28	20.02	20.6	0.5
1.4	256QAM	1	3	20.13	19.99	20.13		
1.4	256QAM	1	5	19.80	19.97	20.04		
1.4	256QAM	3	0	19.93	20.08	20.13		
1.4	256QAM	3	1	20.22	20.08	20.09		
1.4	256QAM	3	3	19.91	19.96	19.97		
1.4	256QAM	6	0	19.97	20.05	19.91	20.6	0.5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	22.28	22.33	22.09	22.9	0
20	QPSK	1	49	22.10	22.16	22.11		
20	QPSK	1	99	22.15	22.18	21.98		
20	QPSK	50	0	22.27	22.28	22.21	22.9	0
20	QPSK	50	24	22.09	22.18	22.20		
20	QPSK	50	50	22.13	22.19	22.12		
20	QPSK	100	0	22.02	22.06	21.98		
20	16QAM	1	0	22.12	22.27	22.21	22.9	0
20	16QAM	1	49	22.07	22.19	22.09		
20	16QAM	1	99	22.19	22.13	22.08		
20	16QAM	50	0	22.22	22.23	22.11	22.9	0
20	16QAM	50	24	22.02	22.13	22.07		
20	16QAM	50	50	22.19	22.10	22.02		
20	16QAM	100	0	22.25	22.29	22.30	22.9	0
20	64QAM	1	0	22.22	22.21	22.16		
20	64QAM	1	49	22.15	22.17	22.05		
20	64QAM	1	99	22.03	22.06	22.02		
20	64QAM	50	0	22.18	22.21	22.10	22.9	0
20	64QAM	50	24	22.05	22.09	22.01		
20	64QAM	50	50	22.13	22.16	22.08		
20	64QAM	100	0	22.11	22.11	22.04		
20	256QAM	1	0	19.18	19.23	19.22	19.9	3
20	256QAM	1	49	19.13	19.19	19.05		
20	256QAM	1	99	19.06	19.08	19.10		
20	256QAM	50	0	19.08	19.15	19.02	19.9	3
20	256QAM	50	24	19.09	19.22	19.15		
20	256QAM	50	50	19.01	19.19	18.96		
20	256QAM	100	0	19.16	19.17	19.11		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	22.15	22.21	21.99	22.9	0
15	QPSK	1	37	21.94	22.10	21.95		
15	QPSK	1	74	21.98	22.12	21.94		
15	QPSK	36	0	22.11	22.21	22.16	22.9	0
15	QPSK	36	20	22.01	22.16	22.04		
15	QPSK	36	39	22.07	22.16	22.00		
15	QPSK	75	0	21.94	22.02	21.91		
15	16QAM	1	0	21.94	22.18	22.05	22.9	0
15	16QAM	1	37	22.03	22.11	21.94		
15	16QAM	1	74	22.07	22.01	21.91		
15	16QAM	36	0	22.16	22.12	22.01	22.9	0
15	16QAM	36	20	21.98	22.06	21.92		
15	16QAM	36	39	22.03	22.07	21.87		
15	16QAM	75	0	22.19	22.24	22.27		
15	64QAM	1	0	22.18	22.13	22.08	22.9	0
15	64QAM	1	37	22.01	22.11	21.98		
15	64QAM	1	74	21.95	21.91	21.96		
15	64QAM	36	0	22.03	22.05	22.01	22.9	0
15	64QAM	36	20	21.96	21.99	21.90		
15	64QAM	36	39	22.04	22.13	22.01		
15	64QAM	75	0	21.99	21.94	22.01		
15	256QAM	1	0	19.00	19.15	19.19	19.9	3
15	256QAM	1	37	19.09	19.10	18.93		
15	256QAM	1	74	19.03	18.91	19.02		
15	256QAM	36	0	18.96	19.09	18.99	19.9	3
15	256QAM	36	20	18.98	19.10	19.05		
15	256QAM	36	39	18.83	19.10	18.88		
15	256QAM	75	0	19.05	19.04	18.95		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	22.15	22.21	21.98	22.9	0
10	QPSK	1	25	21.96	22.03	21.97		
10	QPSK	1	49	21.99	22.01	21.94		
10	QPSK	25	0	22.17	22.25	22.18	22.9	0
10	QPSK	25	12	22.00	22.03	22.15		
10	QPSK	25	25	22.06	22.09	21.94		
10	QPSK	50	0	21.90	21.92	21.90		
10	16QAM	1	0	21.99	22.13	22.04	22.9	0
10	16QAM	1	25	21.99	22.13	22.02		
10	16QAM	1	49	22.12	22.01	21.99		
10	16QAM	25	0	22.17	22.18	21.98	22.9	0
10	16QAM	25	12	21.90	22.04	21.94		
10	16QAM	25	25	22.16	21.92	21.85		
10	16QAM	50	0	22.16	22.19	22.25		
10	64QAM	1	0	22.18	22.15	22.03	22.9	0
10	64QAM	1	25	22.02	22.01	22.00		
10	64QAM	1	49	21.91	21.95	21.95		
10	64QAM	25	0	22.14	22.18	22.03	22.9	0
10	64QAM	25	12	21.89	21.99	21.87		
10	64QAM	25	25	22.02	22.07	21.98		
10	64QAM	50	0	21.94	22.06	21.91		
10	256QAM	1	0	19.00	19.08	19.11	19.9	3
10	256QAM	1	25	19.00	19.07	18.96		
10	256QAM	1	49	18.91	19.06	18.98		
10	256QAM	25	0	18.94	18.99	18.89	19.9	3
10	256QAM	25	12	19.01	19.08	18.99		
10	256QAM	25	25	18.84	19.15	18.85		
10	256QAM	50	0	19.12	19.12	19.07		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	22.18	22.16	22.05	22.9	0
5	QPSK	1	12	21.96	22.13	21.99		
5	QPSK	1	24	22.09	22.09	21.85		
5	QPSK	12	0	22.09	22.13	22.16	22.9	0
5	QPSK	12	7	21.99	22.07	22.15		
5	QPSK	12	13	21.97	22.13	22.00		
5	QPSK	25	0	21.91	21.97	21.82		
5	16QAM	1	0	22.01	22.24	22.06	22.9	0
5	16QAM	1	12	22.00	22.12	21.93		
5	16QAM	1	24	22.10	22.05	22.03		
5	16QAM	12	0	22.08	22.17	22.03	22.9	0
5	16QAM	12	7	21.95	22.04	21.94		
5	16QAM	12	13	22.16	21.99	21.90		
5	16QAM	25	0	22.17	22.20	22.25		
5	64QAM	1	0	22.15	22.03	22.02	22.9	0
5	64QAM	1	12	22.13	22.01	22.00		
5	64QAM	1	24	21.94	22.02	21.89		
5	64QAM	12	0	22.04	22.07	22.03	22.9	0
5	64QAM	12	7	21.89	21.96	21.92		
5	64QAM	12	13	21.96	22.12	22.03		
5	64QAM	25	0	21.93	22.04	21.93		
5	256QAM	1	0	19.07	19.18	19.20	19.9	3
5	256QAM	1	12	18.98	19.11	19.00		
5	256QAM	1	24	18.89	18.91	18.94		
5	256QAM	12	0	18.99	18.99	18.94	19.9	3
5	256QAM	12	7	19.02	19.09	19.12		
5	256QAM	12	13	18.88	19.12	18.87		
5	256QAM	25	0	19.07	19.10	18.95		
Channel				131947	132322	132697	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	22.24	22.26	22.02	22.9	0
3	QPSK	1	8	21.95	22.04	22.07		
3	QPSK	1	14	21.98	22.13	21.96		
3	QPSK	8	0	22.24	22.19	22.08	22.9	0
3	QPSK	8	4	22.06	22.14	22.15		
3	QPSK	8	7	21.95	22.09	21.99		
3	QPSK	15	0	22.00	21.94	21.89	22.9	0
3	16QAM	1	0	21.96	22.22	22.04		
3	16QAM	1	8	22.02	22.11	21.93		
3	16QAM	1	14	22.04	21.96	22.03		
3	16QAM	8	0	22.12	22.16	22.07	22.9	0
3	16QAM	8	4	21.93	21.97	22.02		
3	16QAM	8	7	22.01	22.02	21.94		
3	16QAM	15	0	22.08	22.24	22.21		
3	64QAM	1	0	22.08	22.03	22.00	22.9	0
3	64QAM	1	8	22.07	22.10	21.87		
3	64QAM	1	14	21.89	21.90	21.96		
3	64QAM	8	0	22.09	22.08	21.95	22.9	0
3	64QAM	8	4	21.90	21.99	21.84		
3	64QAM	8	7	22.10	22.01	21.99		
3	64QAM	15	0	22.08	21.97	21.89		
3	256QAM	1	0	19.12	19.10	19.05	19.9	3
3	256QAM	1	8	19.05	19.10	18.96		
3	256QAM	1	14	18.94	18.99	19.04		
3	256QAM	8	0	19.04	19.12	18.98	19.9	3
3	256QAM	8	4	18.92	19.17	19.09		
3	256QAM	8	7	18.83	19.10	18.83		
3	256QAM	15	0	19.00	19.03	18.96		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	22.23	22.19	21.94	22.9	0
1.4	QPSK	1	3	22.02	22.03	22.07		
1.4	QPSK	1	5	21.98	22.11	21.92		
1.4	QPSK	3	0	22.17	22.26	22.16		
1.4	QPSK	3	1	21.91	22.06	22.11		
1.4	QPSK	3	3	22.01	22.08	22.03		
1.4	QPSK	6	0	21.99	21.91	21.81	22.9	0
1.4	16QAM	1	0	22.05	22.18	22.12	22.9	0
1.4	16QAM	1	3	21.89	22.15	21.98		
1.4	16QAM	1	5	22.13	22.06	22.00		
1.4	16QAM	3	0	22.13	22.11	21.94		
1.4	16QAM	3	1	21.92	22.10	22.03		
1.4	16QAM	3	3	22.02	22.02	21.88		
1.4	16QAM	6	0	22.15	22.20	22.27	22.9	0
1.4	64QAM	1	0	22.08	22.09	22.05	22.9	0
1.4	64QAM	1	3	22.01	22.03	21.91		
1.4	64QAM	1	5	21.88	21.99	21.86		
1.4	64QAM	3	0	22.11	22.05	22.05		
1.4	64QAM	3	1	21.89	21.97	21.96		
1.4	64QAM	3	3	22.02	22.14	21.98		
1.4	64QAM	6	0	22.04	22.05	21.86	22.9	0
1.4	256QAM	1	0	19.07	19.10	19.11	19.9	3
1.4	256QAM	1	3	19.11	19.17	19.03		
1.4	256QAM	1	5	18.91	18.90	19.00		
1.4	256QAM	3	0	18.96	19.01	18.96		
1.4	256QAM	3	1	19.05	19.10	19.01		
1.4	256QAM	3	3	18.88	19.03	18.90		
1.4	256QAM	6	0	19.01	19.11	19.03	19.9	3

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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				37850	38000	38150				
Frequency (MHz)				2560	2580	2600				
20M	QPSK	1	0	20.82	21.21	21.02				
20M	QPSK	1	49	20.86	20.95	20.90			21.6	0
20M	QPSK	1	99	20.95	20.89	20.98				
20M	QPSK	50	0	20.79	20.96	20.81				
20M	QPSK	50	24	20.83	20.82	20.78			21.6	0
20M	QPSK	50	50	20.68	20.79	20.73				
20M	QPSK	100	0	20.86	20.91	20.90				
20M	16QAM	1	0	20.85	21.02	20.90				
20M	16QAM	1	49	20.87	20.86	20.75			21.6	0
20M	16QAM	1	99	20.73	20.80	20.69				
20M	16QAM	50	0	21.00	21.07	20.79				
20M	16QAM	50	24	20.84	20.94	20.92			21.6	0
20M	16QAM	50	50	20.79	20.77	20.76				
20M	16QAM	100	0	20.92	20.87	20.92				
20M	64QAM	1	0	20.95	20.91	20.90				
20M	64QAM	1	49	20.80	20.84	20.93			21.6	0
20M	64QAM	1	99	20.98	21.00	20.86				
20M	64QAM	50	0	20.98	20.83	20.83				
20M	64QAM	50	24	20.90	20.97	20.74			21.6	0
20M	64QAM	50	50	20.74	20.79	20.69				
20M	64QAM	100	0	20.77	20.75	20.71				
20M	256QAM	1	0	19.92	19.87	19.92				
20M	256QAM	1	49	19.86	19.86	19.88			20.6	1
20M	256QAM	1	99	19.84	19.85	19.77				
20M	256QAM	50	0	19.83	19.87	19.80				
20M	256QAM	50	24	19.84	19.88	19.98			20.6	1
20M	256QAM	50	50	19.93	19.84	19.81				
20M	256QAM	100	0	19.61	19.88	19.78				
Channel				37975	38000	38175			Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2580	2597.5				
15M	QPSK	1	0	20.73	21.04	20.81				
15M	QPSK	1	37	20.67	20.72	20.63			21.6	0
15M	QPSK	1	74	20.77	20.87	20.95				
15M	QPSK	36	0	20.59	20.65	20.63				
15M	QPSK	36	20	20.64	20.72	20.68			21.6	0
15M	QPSK	36	39	20.65	20.64	20.72				
15M	16QAM	1	0	20.72	20.87	20.77				
15M	16QAM	1	0	20.75	20.81	20.80				
15M	16QAM	1	37	20.70	20.74	20.59			21.6	0
15M	16QAM	1	74	20.54	20.77	20.66				
15M	16QAM	36	0	20.84	21.08	20.71				
15M	16QAM	36	20	20.84	20.90	20.73			21.6	0
15M	16QAM	36	39	20.61	20.61	20.61				
15M	16QAM	75	0	20.71	20.67	20.90				
15M	64QAM	1	0	20.93	20.75	20.70				
15M	64QAM	1	37	20.76	20.80	20.74			21.6	0
15M	64QAM	1	74	20.80	20.83	20.74				
15M	64QAM	36	0	20.76	20.79	20.74				
15M	64QAM	36	20	20.71	20.87	20.56			21.6	0
15M	64QAM	36	39	20.56	20.74	20.53				
15M	64QAM	75	0	20.73	20.74	20.57				
15M	256QAM	1	0	19.88	19.71	19.80				
15M	256QAM	1	37	19.85	19.75	19.79			20.6	1
15M	256QAM	1	74	19.76	19.73	19.70				
15M	256QAM	36	0	19.74	19.83	19.61				
15M	256QAM	36	20	19.80	19.78	19.87			20.6	1
15M	256QAM	36	39	19.72	19.65	19.69				
15M	256QAM	75	0	19.45	19.73	19.58				
Channel				37850	38000	38200			Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2525	2590	2655				
10M	QPSK	1	0	20.75	21.18	20.82				
10M	QPSK	1	25	20.71	20.80	20.78			21.6	0
10M	QPSK	1	49	20.83	20.79	20.91				
10M	QPSK	25	0	20.69	20.86	20.61				
10M	QPSK	25	12	20.76	20.83	20.76			21.6	0
10M	QPSK	25	25	20.68	20.63	20.52				
10M	QPSK	50	0	20.71	20.71	20.73				
10M	16QAM	1	0	20.85	20.84	20.80				
10M	16QAM	1	25	20.72	20.80	20.71			21.6	0
10M	16QAM	1	49	20.69	20.79	20.65				
10M	16QAM	25	0	20.92	20.94	20.65				
10M	16QAM	25	12	20.71	20.77	20.87			21.6	0
10M	16QAM	25	25	20.73	20.72	20.67				
10M	16QAM	50	0	20.69	20.85	20.78				
10M	64QAM	1	0	20.78	20.81	20.73				
10M	64QAM	1	25	20.77	20.81	20.85			21.6	0
10M	64QAM	1	49	20.94	20.99	20.76				
10M	64QAM	25	0	20.91	20.70	20.66				
10M	64QAM	25	12	20.77	20.82	20.77			21.6	0
10M	64QAM	25	25	20.70	20.77	20.53				
10M	64QAM	50	0	20.68	20.74	20.58				
10M	256QAM	1	0	19.73	19.73	19.73				
10M	256QAM	1	25	19.82	19.75	19.68			20.6	1
10M	256QAM	1	49	19.71	19.76	19.72				
10M	256QAM	25	0	19.83	19.89	19.72				
10M	256QAM	25	12	19.79	19.80	19.78			20.6	1
10M	256QAM	25	25	19.82	19.62	19.66				
10M	256QAM	50	0	19.43	19.78	19.60				
Channel				37775	38000	38225			Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5				
5M	QPSK	1	0	20.77	21.06	20.94				
5M	QPSK	1	12	20.73	20.77	20.81			21.6	0
5M	QPSK	1	24	20.75	20.81	20.85				
5M	QPSK	12	0	20.79	20.69	20.60				
5M	QPSK	12	7	20.79	20.82	20.77			21.6	0
5M	QPSK	12	13	20.58	20.65	20.72				
5M	QPSK	25	0	20.84	20.73	20.71				
5M	16QAM	1	0	20.88	20.96	20.88				
5M	16QAM	1	12	20.76	20.81	20.69			21.6	0
5M	16QAM	1	24	20.72	20.86	20.68				
5M	16QAM	12	0	20.83	20.93	20.67				
5M	16QAM	12	7	20.74	20.78	20.83			21.6	0
5M	16QAM	12	13	20.57	20.82	20.65				
5M	16QAM	25	0	20.72	20.85	20.75				
5M	64QAM	1	0	20.92	20.83	20.84				
5M	64QAM	1	12	20.77	20.82	20.84			21.6	0
5M	64QAM	1	24	21.00	20.81	20.80				
5M	64QAM	12	0	20.92	20.83	20.79				
5M	64QAM	12	7	20.79	20.83	20.73			21.6	0
5M	64QAM	12	13	20.68	20.80	20.56				
5M	64QAM	25	0	20.65	20.55	20.53				
5M	256QAM	1	0	19.81	19.67	19.73				
5M	256QAM	1	12	19.68	19.70	19.84			20.6	1
5M	256QAM	1	24	19.62	19.65	19.68				
5M	256QAM	12	0	19.73	19.75	19.58				
5M	256QAM	12	7	19.80	19.74	19.86			20.6	1
5M	256QAM	12	13	19.71	19.69	19.78				
5M	256QAM	25	0	19.66	19.88	19.61				

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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		
20M	QPSK	1	0	21.42	21.34	21.57	21.46	21.42		
20M	QPSK	1	49	21.21	21.38	21.22	21.20	21.27	22.1	0
20M	QPSK	1	99	21.21	21.34	21.32	21.29	21.28		
20M	QPSK	50	0	21.42	21.26	21.56	21.35	21.34		
20M	QPSK	50	24	21.36	21.33	21.29	21.28	21.28	22.1	0
20M	QPSK	50	50	21.29	21.36	21.46	21.24	21.31		
20M	QPSK	100	0	21.36	21.27	21.48	21.46	21.30		
20M	16QAM	1	0	21.19	21.24	21.34	21.14	21.27		
20M	16QAM	1	49	21.20	21.31	21.38	21.20	21.09	22.1	0
20M	16QAM	1	99	21.20	21.31	21.38	21.20	21.09		
20M	16QAM	50	0	21.27	21.22	21.43	21.44	21.28		
20M	16QAM	50	24	21.14	21.22	21.10	21.12	21.17	22.1	0
20M	16QAM	50	50	21.09	21.17	21.23	21.23	21.26		
20M	16QAM	100	0	21.39	21.21	21.44	21.32	21.31		
20M	64QAM	1	0	21.26	21.16	21.21	21.19	21.11		
20M	64QAM	1	49	21.12	21.31	21.36	21.17	21.11	22.1	0
20M	64QAM	1	99	21.26	21.18	21.36	21.42	21.28		
20M	64QAM	50	0	21.06	21.10	21.19	20.97	21.22		
20M	64QAM	50	24	21.23	21.20	21.07	21.13	21.02	22.1	0
20M	64QAM	50	50	21.03	21.24	21.30	21.04	21.02		
20M	64QAM	100	0	21.13	21.28	21.31	21.12	20.96		
20M	256QAM	1	0	19.82	19.64	19.90	19.68	19.73		
20M	256QAM	1	49	19.71	19.70	19.60	19.60	19.59	20.6	1.5
20M	256QAM	1	99	19.68	19.66	19.74	19.51	19.60		
20M	256QAM	50	0	19.73	19.56	19.68	19.77	19.66		
20M	256QAM	50	24	19.47	19.63	19.62	19.44	19.62	20.6	1.5
20M	256QAM	50	50	19.69	19.62	19.42	19.61	19.44		
20M	256QAM	100	0	19.57	19.71	19.68	19.52	19.47		
Channel				39725	40175	40625	41075	41525	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.5	2593.5	2638.5	2683.5		
15M	QPSK	1	0	21.28	21.22	21.43	21.34	21.25		
15M	QPSK	1	37	21.03	21.22	21.26	21.13	21.09	22.1	0
15M	QPSK	1	74	21.16	21.16	21.26	21.11	21.14		
15M	QPSK	36	0	21.24	21.22	21.35	21.20	21.32		
15M	QPSK	36	20	21.32	21.26	21.36	21.11	21.15	22.1	0
15M	QPSK	36	39	21.22	21.30	21.42	21.16	21.16		
15M	QPSK	75	0	21.30	21.20	21.40	21.36	21.13		
15M	16QAM	1	0	21.03	21.20	21.09	21.12	21.18		
15M	16QAM	1	37	21.19	21.16	21.03	21.14	21.00	22.1	0
15M	16QAM	1	74	21.08	21.16	21.31	21.12	21.01		
15M	16QAM	36	0	21.13	21.06	21.27	21.32	21.11		
15M	16QAM	36	20	21.09	21.16	20.93	21.00	21.15	22.1	0
15M	16QAM	36	39	20.85	21.13	21.07	21.13	21.14		
15M	16QAM	75	0	21.21	21.06	21.31	21.29	21.28		
15M	64QAM	1	0	21.20	21.11	21.06	21.04	21.02		
15M	64QAM	1	37	21.07	21.16	21.21	20.99	21.05	22.1	0
15M	64QAM	1	74	21.23	21.07	21.21	21.29	21.25		
15M	64QAM	36	0	20.92	20.93	21.08	20.88	21.15		
15M	64QAM	36	20	21.06	21.09	20.95	20.95	20.97	22.1	0
15M	64QAM	36	39	20.96	21.20	21.21	20.96	20.88		
15M	64QAM	75	0	21.04	21.18	21.23	20.96	20.81		
15M	256QAM	1	0	19.74	19.47	19.83	19.60	19.63		
15M	256QAM	1	37	19.58	19.57	19.66	19.48	19.43	20.6	1.5
15M	256QAM	1	74	19.62	19.57	19.66	19.47	19.53		
15M	256QAM	36	0	19.66	19.47	19.77	19.73	19.62		
15M	256QAM	36	20	19.40	19.53	19.49	19.36	19.59	20.6	1.5
15M	256QAM	36	39	19.56	19.46	19.37	19.48	19.31		
15M	256QAM	75	0	19.53	19.66	19.52	19.35	19.43		
Channel				39700	40185	40670	41155	41640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10M	QPSK	1	0	21.27	21.23	21.49	21.18	21.33		
10M	QPSK	1	25	21.10	21.31	21.05	21.18	21.19	22.1	0
10M	QPSK	1	49	21.03	21.25	21.27	21.14	21.19		
10M	QPSK	25	0	21.25	21.10	21.47	21.30	21.19		
10M	QPSK	25	12	21.21	21.16	21.20	21.20	21.11	22.1	0
10M	QPSK	25	25	21.22	21.32	21.40	21.15	21.05		
10M	QPSK	50	0	21.34	21.10	21.33	21.31	21.16		
10M	16QAM	1	0	21.07	21.16	21.19	21.07	21.22		
10M	16QAM	1	25	21.13	21.12	21.08	21.16	21.01	22.1	0
10M	16QAM	1	49	21.10	21.20	21.29	21.09	21.06		
10M	16QAM	25	0	21.13	21.16	21.25	21.23	21.15		
10M	16QAM	25	12	21.00	21.06	20.94	21.03	21.11	22.1	0
10M	16QAM	25	25	20.95	21.13	21.12	21.06	21.18		
10M	16QAM	50	0	21.25	21.13	21.30	21.17	21.23		
10M	64QAM	1	0	21.10	21.03	21.11	21.15	20.98		
10M	64QAM	1	25	21.00	21.17	21.27	21.00	20.93	22.1	0
10M	64QAM	1	49	21.20	21.05	21.32	21.32	21.13		
10M	64QAM	25	0	21.03	20.97	21.16	20.89	21.20		
10M	64QAM	25	12	21.10	21.16	21.08	21.06	21.01	22.1	0
10M	64QAM	25	25	20.92	21.19	21.28	20.94	20.84		
10M	64QAM	50	0	21.04	21.25	21.17	21.08	20.87		
10M	256QAM	1	0	19.76	19.66	19.92	19.58	19.52		
10M	256QAM	1	25	19.57	19.65	19.49	19.54	19.44	20.6	1.5
10M	256QAM	1	49	19.60	19.58	19.71	19.46	19.55		
10M	256QAM	25	0	19.65	19.45	19.73	19.73	19.57		
10M	256QAM	25	12	19.35	19.55	19.55	19.30	19.57	20.6	1.5
10M	256QAM	25	25	19.57	19.53	19.41	19.58	19.37		
10M	256QAM	50	0	19.47	19.55	19.54	19.36	19.42		
Channel				39675	40149	40625	41099	41575	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2546.1	2593.5	2641.1	2688.5		
5M	QPSK	1	0	21.27	21.08	21.43	21.35	21.38		
5M	QPSK	1	12	21.03	21.34	21.19	21.15	21.25	22.1	0
5M	QPSK	1	24	21.05	21.21	21.18	21.25	21.21		
5M	QPSK	12	0	21.38	21.11	21.37	21.21	21.27		
5M	QPSK	12	7	21.24	21.22	21.44	21.32	21.33	22.1	0
5M	QPSK	12	13	21.20	21.33	21.29	21.12	21.07		
5M	QPSK	25	0	21.26	21.15	21.43	21.43	21.14		
5M	16QAM	1	0	21.26	21.18	21.36	21.49	21.28		
5M	16QAM	1	12	21.14	21.06	21.07	21.11	21.09	22.1	0
5M	16QAM	1	24	21.08	21.02	21.28	21.22	21.02		
5M	16QAM	12	0	21.17	21.07	21.28	21.39	21.17		
5M	16QAM	12	7	21.09	21.16	20.94	21.07	21.10	22.1	0
5M	16QAM	12	13	21.00	21.06	21.13	21.15	21.03		
5M	16QAM	25	0	21.26	21.04	21.32	21.18	21.23		
5M	64QAM	1	0	21.22	21.06	21.24	21.12	21.02		
5M	64QAM	1	12	21.05	21.26	21.19	21.11	21.01	22.1	0
5M	64QAM	1	24	21.24	21.13	21.18	21.25	21.14		
5M	64QAM	12	0	20.89	21.02	21.03	20.79	21.07		
5M	64QAM	12	7	21.20	21.10	21.02	21.03	20.98	22.1	0
5M	64QAM	12	13	20.99	21.10	21.23	20.96	20.97		
5M	64QAM	25	0	21.05	21.23	21.21	20.95	20.86		
5M	256QAM	1	0	19.76	19.47	19.78	19.62	19.66		
5M	256QAM	1	12	19.62	19.67	19.45	19.50	19.54	20.6	1.5
5M	256QAM	1	24	19.58	19.53	19.62	19.45	19.46		
5M	256QAM	12	0	19.64	19.42	19.54	19.60	19.50		
5M	256QAM	12	7	19.39	19.52	19.48	19.39	19.47	20.6	1.5
5M	256QAM	12	13	19.67	19.52	19.30	19.45	19.32		
5M	256QAM	25	0	19.44	19.68	19.54	19.39	19.43		

Band 42 Ant3 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20M	QPSK	1	0	22.49	22.63	22.55		
20M	QPSK	1	49	22.39	22.51	22.41	23.6	0
20M	QPSK	1	99	22.44	22.57	22.42		
20M	QPSK	50	0	22.47	22.53	22.50		
20M	QPSK	50	24	22.31	22.43	22.39	23.6	0
20M	QPSK	50	50	22.44	22.50	22.41		
20M	QPSK	100	0	22.36	22.48	22.44		
20M	16QAM	1	0	22.38	22.50	22.39		
20M	16QAM	1	49	22.31	22.54	22.29	23.6	0
20M	16QAM	1	99	22.32	22.37	22.26		
20M	16QAM	50	0	21.63	21.67	21.56		
20M	16QAM	50	24	21.43	21.58	21.46	22.6	1
20M	16QAM	50	50	21.52	21.63	21.52		
20M	16QAM	100	0	21.54	21.64	21.56		
20M	64QAM	1	0	21.54	21.69	21.56		
20M	64QAM	1	49	21.55	21.64	21.57	22.6	1
20M	64QAM	1	99	21.52	21.63	21.51		
20M	64QAM	50	0	20.58	20.63	20.58		
20M	64QAM	50	24	20.36	20.49	20.35	21.6	2
20M	64QAM	50	50	20.37	20.50	20.36		
20M	64QAM	100	0	20.55	20.60	20.48		
20M	256QAM	1	0	17.30	17.48	17.41		
20M	256QAM	1	49	17.30	17.43	17.33	18.6	5
20M	256QAM	1	99	17.37	17.42	17.33		
20M	256QAM	50	0	17.39	17.52	17.44		
20M	256QAM	50	24	17.32	17.41	17.31	18.6	5
20M	256QAM	50	50	17.37	17.41	17.35		
20M	256QAM	100	0	17.33	17.40	17.25		
Channel				42103	42590	43077	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3427.5	3500	3572.5		
15M	QPSK	1	0	22.38	22.57	22.46		
15M	QPSK	1	37	22.30	22.42	22.29	23.6	0
15M	QPSK	1	74	22.37	22.53	22.35		
15M	QPSK	36	0	22.34	22.40	22.44		
15M	QPSK	36	20	22.25	22.49	22.28	23.6	0
15M	QPSK	36	39	22.30	22.43	22.28		
15M	QPSK	75	0	22.22	22.35	22.30		
15M	16QAM	1	0	22.28	22.35	22.28		
15M	16QAM	1	37	22.16	22.31	22.25	23.6	0
15M	16QAM	1	74	22.22	22.22	22.16		
15M	16QAM	36	0	21.53	21.59	21.42		
15M	16QAM	36	20	21.35	21.50	21.32	22.6	1
15M	16QAM	36	39	21.44	21.53	21.41		
15M	16QAM	75	0	21.44	21.50	21.48		
15M	64QAM	1	0	21.45	21.65	21.50		
15M	64QAM	1	37	21.42	21.57	21.49	22.6	1
15M	64QAM	1	74	21.47	21.59	21.46		
15M	64QAM	36	0	20.47	20.54	20.46		
15M	64QAM	36	20	20.26	20.40	20.21	21.6	2
15M	64QAM	36	39	20.34	20.37	20.34		
15M	64QAM	75	0	20.48	20.53	20.39		
15M	256QAM	1	0	17.35	17.34	17.36		
15M	256QAM	1	37	17.17	17.35	17.25	18.6	5
15M	256QAM	1	74	17.24	17.33	17.26		
15M	256QAM	36	0	17.31	17.46	17.37		
15M	256QAM	36	20	17.19	17.37	17.19	18.6	5
15M	256QAM	36	39	17.26	17.31	17.22		
15M	256QAM	75	0	17.27	17.25	17.16		
Channel				42045	42590	43045	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3405	3500	3595		
10M	QPSK	1	0	22.36	22.54	22.40		
10M	QPSK	1	25	22.32	22.38	22.37	23.6	0
10M	QPSK	1	49	22.32	22.42	22.37		
10M	QPSK	25	0	22.35	22.46	22.40		
10M	QPSK	25	12	22.22	22.39	22.29	23.6	0
10M	QPSK	25	25	22.36	22.41	22.26		
10M	QPSK	50	0	22.24	22.33	22.32		
10M	16QAM	1	0	22.29	22.42	22.34		
10M	16QAM	1	25	22.16	22.35	22.18	23.6	0
10M	16QAM	1	49	22.25	22.27	22.11		
10M	16QAM	25	0	21.56	21.61	21.42		
10M	16QAM	25	12	21.52	21.47	21.42	22.6	1
10M	16QAM	25	25	21.40	21.51	21.40		
10M	16QAM	50	0	21.40	21.55	21.41		
10M	64QAM	1	0	21.43	21.58	21.51		
10M	64QAM	1	25	21.40	21.54	21.48	22.6	1
10M	64QAM	1	49	21.46	21.52	21.39		
10M	64QAM	25	0	20.47	20.52	20.46		
10M	64QAM	25	12	20.34	20.37	20.21	21.6	2
10M	64QAM	25	25	20.24	20.45	20.25		
10M	64QAM	50	0	20.51	20.54	20.34		
10M	256QAM	1	0	17.28	17.42	17.29		
10M	256QAM	1	25	17.17	17.35	17.23	18.6	5
10M	256QAM	1	49	17.25	17.32	17.19		
10M	256QAM	25	0	17.31	17.48	17.29		
10M	256QAM	25	12	17.27	17.38	17.25	18.6	5
10M	256QAM	25	25	17.29	17.31	17.30		
10M	256QAM	50	0	17.24	17.33	17.16		
Channel				42103	42590	43077	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3427.5	3500	3572.5		

GSM1900 Ant4 DSI 5

GSM1900	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	24.11	24.19	24.13	26.00	15.11	15.19	15.13	17.00
GPRS 1 Tx slot	24.27	24.34	24.34	26.00	15.27	15.34	15.34	17.00
GPRS 2 Tx slots	21.29	21.33	21.24	23.00	15.29	15.33	15.24	17.00
GPRS 3 Tx slots	19.48	19.56	19.64	21.20	15.22	15.30	15.38	16.94
GPRS 4 Tx slots	18.46	18.58	18.50	20.00	15.46	15.58	15.50	17.00
EDGE 1 Tx slot	24.68	24.85	24.93	26.50	15.68	15.85	15.93	17.50
EDGE 2 Tx slots	21.96	22.18	22.25	23.50	15.96	16.18	16.25	17.50
EDGE 3 Tx slots	19.96	20.16	20.28	21.70	15.70	15.90	16.02	17.44
EDGE 4 Tx slots	18.63	18.83	18.93	20.50	15.63	15.83	15.93	17.50

WCDMA II Ant4 DSI 5

WCDMA IV Ant4 DSI 5

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	16.52	16.66	16.67	17.90	15.07	15.26	15.16	16.60
3GPP Rel 99	RMC 12.2Kbps	16.66	16.74	16.72	17.90	15.12	15.30	15.17	16.60
3GPP Rel 6	HSDPA Subtest-1	15.55	15.71	15.69	16.90	14.05	14.26	14.01	15.60
3GPP Rel 6	HSDPA Subtest-2	15.57	15.76	15.65	16.90	14.29	14.26	13.95	15.60
3GPP Rel 6	HSDPA Subtest-3	15.25	15.26	15.23	16.40	13.38	13.57	13.48	15.10
3GPP Rel 6	HSDPA Subtest-4	15.26	15.22	15.20	16.40	13.52	13.71	13.75	15.10
3GPP Rel 8	DC-HSDPA Subtest-1	15.53	15.78	15.36	16.90	14.27	14.27	14.01	15.60
3GPP Rel 8	DC-HSDPA Subtest-2	15.77	15.62	15.43	16.90	14.12	14.33	14.04	15.60
3GPP Rel 8	DC-HSDPA Subtest-3	15.25	15.25	15.23	16.40	13.50	13.67	13.63	15.10
3GPP Rel 8	DC-HSDPA Subtest-4	15.21	15.36	15.23	16.40	13.67	13.67	13.56	15.10
3GPP Rel 6	HSUPA Subtest-1	15.64	15.64	15.59	16.90	14.10	14.27	14.28	15.60
3GPP Rel 6	HSUPA Subtest-2	13.67	13.65	13.61	14.90	12.17	12.24	12.12	13.60
3GPP Rel 6	HSUPA Subtest-3	14.55	14.68	14.66	15.90	13.24	13.30	13.21	14.60
3GPP Rel 6	HSUPA Subtest-4	13.61	13.79	13.56	14.90	12.06	12.21	12.32	13.60
3GPP Rel 6	HSUPA Subtest-5	15.69	15.61	15.57	16.90	14.04	14.09	14.10	15.60
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	13.07	13.22	13.07	14.40	11.77	11.74	11.63	13.10

Band 2 Ant4 DSI 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1880	1880	1900		
20	QPSK	1	0	15.61	15.69	15.64	16.5	0
20	QPSK	1	49	15.52	15.60	15.42		
20	QPSK	1	99	15.42	15.55	15.34		
20	QPSK	50	0	15.56	15.61	15.57		
20	QPSK	50	24	15.53	15.56	15.41		
20	QPSK	50	50	15.31	15.51	15.48		
20	QPSK	100	0	15.31	15.51	15.49		
20	16QAM	1	0	15.39	15.55	15.38		
20	16QAM	1	49	15.43	15.60	15.41		
20	16QAM	1	99	15.40	15.66	15.64		
20	16QAM	50	0	15.59	15.54	15.42		
20	16QAM	50	24	15.56	15.56	15.44		
20	16QAM	50	50	15.19	15.44	15.25		
20	16QAM	100	0	15.34	15.50	15.43		
20	64QAM	1	0	15.43	15.64	15.60		
20	64QAM	1	49	15.47	15.50	15.28		
20	64QAM	1	99	15.46	15.68	15.59		
20	64QAM	50	0	15.29	15.40	15.25		
20	64QAM	50	24	15.33	15.53	15.45		
20	64QAM	50	50	15.28	15.44	15.21		
20	64QAM	100	0	15.18	15.42	15.17		
20	256QAM	1	0	15.41	15.55	15.30		
20	256QAM	1	49	15.49	15.56	15.34		
20	256QAM	1	99	15.35	15.52	15.28		
20	256QAM	50	0	15.34	15.43	15.37		
20	256QAM	50	24	15.49	15.53	15.28		
20	256QAM	50	50	15.47	15.63	15.37		
20	256QAM	100	0	15.34	15.46	15.35		
Channel				18674.7	18899.58	19124.64	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.2	1879.58	1902.14		
15	QPSK	1	0	15.57	15.50	15.47	16.5	0
15	QPSK	1	37	15.36	15.57	15.28		
15	QPSK	1	74	15.27	15.41	15.17		
15	QPSK	36	0	15.33	15.43	15.41		
15	QPSK	36	20	15.33	15.51	15.30		
15	QPSK	36	39	15.05	15.40	15.40		
15	QPSK	75	0	15.18	15.28	15.24		
15	16QAM	1	0	15.18	15.38	15.15		
15	16QAM	1	37	15.31	15.39	15.22		
15	16QAM	1	74	15.25	15.49	15.46		
15	16QAM	36	0	15.36	15.35	15.34		
15	16QAM	36	20	15.34	15.54	15.24		
15	16QAM	36	39	15.50	15.23	15.22		
15	16QAM	75	0	15.18	15.31	15.33		
15	64QAM	1	0	15.32	15.52	15.34		
15	64QAM	1	37	15.44	15.44	15.20		
15	64QAM	1	74	15.41	15.48	15.35		
15	64QAM	36	0	15.04	15.25	15.23		
15	64QAM	36	20	15.22	15.29	15.29		
15	64QAM	36	39	15.11	15.25	15.18		
15	64QAM	75	0	15.03	15.21	15.00		
15	256QAM	1	0	15.23	15.34	15.27		
15	256QAM	1	37	15.45	15.47	15.26		
15	256QAM	1	74	15.19	15.47	15.06		
15	256QAM	36	0	15.19	15.18	15.20		
15	256QAM	36	20	15.25	15.34	15.09		
15	256QAM	36	39	15.21	15.55	15.11		
15	256QAM	75	0	15.09	15.22	15.11		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	15.46	15.50	15.57	16.5	0
10	QPSK	1	25	15.30	15.57	15.39		
10	QPSK	1	49	15.19	15.33	15.09		
10	QPSK	25	0	15.48	15.56	15.47		
10	QPSK	25	12	15.42	15.47	15.33		
10	QPSK	25	25	15.12	15.32	15.24		
10	QPSK	50	0	15.10	15.38	15.28		
10	16QAM	1	0	15.19	15.29	15.22		
10	16QAM	1	25	15.40	15.40	15.19		
10	16QAM	1	49	15.21	15.52	15.46		
10	16QAM	25	0	15.50	15.32	15.33		
10	16QAM	25	12	15.35	15.47	15.35		
10	16QAM	25	25	15.03	15.32	15.04		
10	16QAM	50	0	15.09	15.32	15.26		
10	64QAM	1	0	15.30	15.56	15.47		
10	64QAM	1	25	15.25	15.27	15.20		
10	64QAM	1	49	15.29	15.64	15.49		
10	64QAM	25	0	15.17	15.31	15.22		
10	64QAM	25	12	15.09	15.28	15.27		
10	64QAM	25	25	15.10	15.19	15.08		
10	64QAM	50	0	15.41	15.53	15.52		
10	256QAM	1	0	15.29	15.49	15.21		
10	256QAM	1	25	15.45	15.36	15.24	16.5	0
10	256QAM	1	49	15.17	15.35	15.10		
10	256QAM	25	0	15.13	15.39	15.19		
10	256QAM	25	12	15.27	15.33	15.03		
10	256QAM	25	25	15.44	15.48	15.11		
10	256QAM	50	0	15.18	15.38	15.25		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	15.43	15.53	15.40	16.5	0
5	QPSK	1	12	15.32	15.40	15.25		
5	QPSK	1	24	15.33	15.50	15.15		
5	QPSK	12	0	15.41	15.43	15.32		
5	QPSK	12	7	15.38	15.51	15.22		
5	QPSK	12	13	15.09	15.27	15.38		
5	QPSK	25	0	15.28	15.43	15.39		
5	16QAM	1	0	15.15	15.53	15.19		
5	16QAM	1	12	15.39	15.47	15.28		
5	16QAM	1	24	15.34	15.44	15.44		
5	16QAM	12	0	15.37	15.52	15.42		
5	16QAM	12	7	15.36	15.34	15.39		
5	16QAM	12	13	15.53	15.31	15.54		
5	16QAM	25	0	15.18	15.42	15.27		
5	64QAM	1	0	15.35	15.50	15.47		
5	64QAM	1	12	15.31	15.44	15.18		
5	64QAM	1	24	15.28	15.65	15.57		
5	64QAM	12	0	15.11	15.38	15.10		
5	64QAM	12	7	15.19	15.38	15.25		
5	64QAM	12	13	15.24	15.20	15.02		
5	64QAM	25	0	15.05	15.34	15.37		
5	256QAM	1	0	15.34	15.44	15.16		
5	256QAM	1	12	15.37	15.45	15.28		
5	256QAM	1	24	15.31	15.33	15.21		
5	256QAM	12	0	15.32	15.41	15.26		
5	256QAM	12	7	15.45	15.29	15.04		
5	256QAM	12	13	15.29	15.38	15.25		
5	256QAM	25	0	15.16	15.43	15.14		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	15.45	15.49	15.56	16.5	0
3	QPSK	1	8	15.38	15.56	15.23		
3	QPSK	1	14	15.30	15.34	15.12		
3	QPSK	8	0	15.35	15.57	15.48		
3	QPSK	8	4	15.45	15.35	15.38		
3	QPSK	8	7	15.16	15.48	15.32		
3	QPSK	15	0	15.05	15.31	15.27		
3	16QAM	1	0	15.32	15.45	15.18		
3	16QAM	1	8	15.23	15.58	15.20		
3	16QAM	1	14	15.35	15.57	15.43		
3	16QAM	8	0	15.54	15.36	15.38		
3	16QAM	8	4	15.53	15.42	15.29		
3	16QAM	8	7	15.08	15.34	15.16		
3	16QAM	15	0	15.13	15.28	15.25		
3	64QAM	1	0	15.37	15.58	15.36		
3	64QAM	1	8	15.30	15.46	15.40		
3	64QAM	1	14	15.41	15.48	15.39		
3	64QAM	8	0	15.17	15.37	15.10		
3	64QAM	8	4	15.29	15.35	15.26		
3	64QAM	8	7	15.04	15.42	15.07		
3	64QAM	15	0	15.07	15.35	15.12		
3	256QAM	1	0	15.19	15.52	15.14		
3	256QAM	1	8	15.26	15.35	15.28		
3	256QAM	1	14	15.17	15.36	15.18		
3	256QAM	8	0	15.23	15.29	15.19		
3	256QAM	8	4	15.37	15.30	15.04		
3	256QAM	8	7	15.43	15.47	15.27		
3	256QAM	15	0	15.28	15.43	15.24		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	15.45	15.46	15.50	16.5	0
1.4	QPSK	1	3	15.27	15.40	15.24		
1.4	QPSK	1	5	15.40	15.40	15.21		
1.4	QPSK	3	0	15.37	15.37	15.48		
1.4	QPSK	3	1	15.40	15.35	15.19		
1.4	QPSK	3	3	15.26	15.36	15.22		
1.4	QPSK	6	0	15.11	15.41	15.43	16.5	0
1.4	16QAM	1	0	15.25	15.48	15.29	16.5	0
1.4	16QAM	1	3	15.23	15.37	15.26		
1.4	16QAM	1	5	15.26	15.59	15.62		
1.4	16QAM	3	0	15.34	15.33	15.27		
1.4	16QAM	3	1	15.42	15.35	15.29		
1.4	16QAM	3	3	15.05	15.31	15.11		
1.4	16QAM	6	0	15.12	15.42	15.23	16.5	0
1.4	64QAM	1	0	15.28	15.58	15.52	16.5	0
1.4	64QAM	1	3	15.33	15.38	15.26		
1.4	64QAM	1	5	15.29	15.58	15.56		
1.4	64QAM	3	0	15.12	15.36	15.09		
1.4	64QAM	3	1	15.21	15.44	15.42		
1.4	64QAM	3	3	15.22	15.28	15.31		
1.4	64QAM	6	0	15.40	15.30	15.11	16.5	0
1.4	256QAM	1	0	15.32	15.34	15.10	16.5	0
1.4	256QAM	1	3	15.43	15.47	15.14		
1.4	256QAM	1	5	15.31	15.36	15.06		
1.4	256QAM	3	0	15.15	15.29	15.24		
1.4	256QAM	3	1	15.33	15.34	15.12		
1.4	256QAM	3	3	15.40	15.59	15.14		
1.4	256QAM	6	0	15.23	15.42	15.23	16.5	0

Band 4 Ant4 DSI 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	15.95	16.07	16.02	16.7	0
20	QPSK	1	49	16.02	16.05	15.85		
20	QPSK	1	99	15.88	16.06	15.84		
20	QPSK	50	0	15.79	15.90	15.85		
20	QPSK	50	24	15.70	15.82	15.70		
20	QPSK	50	50	15.69	15.71	15.72		
20	QPSK	100	0	15.86	15.88	15.66		
20	16QAM	1	0	15.77	15.89	15.83		
20	16QAM	1	49	15.73	15.93	15.84		
20	16QAM	1	99	15.82	15.95	15.71		
20	16QAM	50	0	15.85	16.06	15.86		
20	16QAM	50	24	15.75	15.98	15.93		
20	16QAM	50	50	15.90	15.94	15.71		
20	16QAM	100	0	15.90	15.93	15.70		
20	64QAM	1	0	15.91	15.95	15.89		
20	64QAM	1	49	15.65	15.85	15.61		
20	64QAM	1	99	15.81	15.87	15.96		
20	64QAM	50	0	15.67	15.88	15.75		
20	64QAM	50	24	15.80	15.89	15.67		
20	64QAM	50	50	15.76	15.94	15.90		
20	64QAM	100	0	15.84	16.00	15.81		
20	256QAM	1	0	15.76	15.93	15.86		
20	256QAM	1	49	15.91	16.05	15.82		
20	256QAM	1	99	16.01	16.06	15.98		
20	256QAM	50	0	15.83	15.92	15.77		
20	256QAM	50	24	15.83	16.01	15.88		
20	256QAM	50	50	15.84	15.88	15.70		
20	256QAM	100	0	15.93	15.98	15.89		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	15.89	15.91	15.99	16.7	0
15	QPSK	1	37	15.95	16.01	15.79		
15	QPSK	1	74	15.79	16.00	15.71		
15	QPSK	36	0	15.66	15.79	15.60		
15	QPSK	36	20	15.63	15.79	15.65		
15	QPSK	36	39	15.61	15.70	15.58		
15	QPSK	75	0	15.74	15.85	15.55		
15	16QAM	1	0	15.65	15.71	15.70		
15	16QAM	1	37	15.66	15.80	15.79		
15	16QAM	1	74	15.71	15.80	15.65		
15	16QAM	36	0	15.81	16.00	15.70		
15	16QAM	36	20	15.65	15.87	15.82		
15	16QAM	36	39	15.72	15.78	15.61		
15	16QAM	75	0	15.81	15.89	15.57		
15	64QAM	1	0	15.86	15.82	15.71		
15	64QAM	1	37	15.59	15.73	15.46		
15	64QAM	1	74	15.66	15.83	15.79		
15	64QAM	36	0	15.62	15.76	15.72		
15	64QAM	36	20	15.69	15.72	15.61		
15	64QAM	36	39	15.60	15.89	15.74		
15	64QAM	75	0	15.80	15.85	15.73		
15	256QAM	1	0	15.68	15.81	15.69		
15	256QAM	1	37	15.76	15.87	15.68		
15	256QAM	1	74	15.92	16.02	15.91		
15	256QAM	36	0	15.71	15.87	15.62		
15	256QAM	36	20	15.76	15.99	15.75		
15	256QAM	36	39	15.69	15.77	15.58		
15	256QAM	75	0	15.83	15.95	15.77		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	15.78	16.00	15.85	16.7	0
10	QPSK	1	25	15.96	15.92	15.82		
10	QPSK	1	49	15.79	16.00	15.82		
10	QPSK	25	0	15.62	15.79	15.55		
10	QPSK	25	12	15.57	15.65	15.59		
10	QPSK	25	25	15.55	15.65	15.45		
10	QPSK	50	0	15.71	15.77	15.49		
10	16QAM	1	0	15.62	15.71	15.77		
10	16QAM	1	25	15.66	15.78	15.75		
10	16QAM	1	49	15.75	15.90	15.54		
10	16QAM	25	0	15.81	15.94	15.72		
10	16QAM	25	12	15.60	15.95	15.83		
10	16QAM	25	25	15.84	15.89	15.57		
10	16QAM	50	0	15.76	15.88	15.58		
10	64QAM	1	0	15.78	15.84	15.78		
10	64QAM	1	25	15.50	15.81	15.46		
10	64QAM	1	49	15.67	15.84	15.93		
10	64QAM	25	0	15.59	15.75	15.67		
10	64QAM	25	12	15.72	15.85	15.64		
10	64QAM	25	25	15.60	15.82	15.81		
10	64QAM	50	0	15.81	15.89	15.65		
10	256QAM	1	0	15.67	15.83	15.73		
10	256QAM	1	25	15.86	16.01	15.67		
10	256QAM	1	49	15.93	16.04	15.95		
10	256QAM	25	0	15.70	15.82	15.62		
10	256QAM	25	12	15.77	15.94	15.78		
10	256QAM	25	25	15.76	15.81	15.54		
10	256QAM	50	0	15.76	15.92	15.80		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	15.91	15.98	15.89	16.7	0
5	QPSK	1	12	15.89	15.91	15.82		
5	QPSK	1	24	15.77	15.99	15.80		
5	QPSK	12	0	15.74	15.87	15.48		
5	QPSK	12	7	15.60	15.86	15.67		
5	QPSK	12	13	15.58	15.64	15.45		
5	QPSK	25	0	15.82	15.72	15.58		
5	16QAM	1	0	15.71	15.77	15.73		
5	16QAM	1	12	15.57	15.88	15.75		
5	16QAM	1	24	15.69	15.90	15.62		
5	16QAM	12	0	15.75	15.97	15.83		
5	16QAM	12	7	15.70	15.92	15.80		
5	16QAM	12	13	15.72	15.80	15.59		
5	16QAM	25	0	15.80	15.78	15.60		
5	64QAM	1	0	15.83	15.80	15.77		
5	64QAM	1	12	15.60	15.72	15.51		
5	64QAM	1	24	15.64	15.76	15.79		
5	64QAM	12	0	15.56	15.73	15.66		
5	64QAM	12	7	15.68	15.73	15.59		
5	64QAM	12	13	15.74	15.82	15.86		
5	64QAM	25	0	15.66	15.92	15.67		
5	256QAM	1	0	15.65	15.84	15.80		
5	256QAM	1	12	15.82	15.95	15.77		
5	256QAM	1	24	15.88	15.99	15.89		
5	256QAM	12	0	15.81	15.96	15.75		
5	256QAM	12	7	15.72	15.85	15.81		
5	256QAM	12	13	15.82	15.82	15.61		
5	256QAM	25	0	15.86	15.92	15.79		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	15.78	15.96	15.97	16.7	0
3	QPSK	1	8	15.86	15.98	15.81		
3	QPSK	1	14	15.81	15.87	15.81		
3	QPSK	8	0	15.67	15.74	15.52		
3	QPSK	8	4	15.63	15.70	15.54		
3	QPSK	8	7	15.48	15.70	15.51		
3	QPSK	15	0	15.79	15.84	15.57		
3	16QAM	1	0	15.63	15.80	15.76		
3	16QAM	1	8	15.68	15.80	15.79		
3	16QAM	1	14	15.68	15.92	15.69		
3	16QAM	8	0	15.72	16.01	15.75		
3	16QAM	8	4	15.64	15.82	15.89		
3	16QAM	8	7	15.77	15.85	15.66		
3	16QAM	15	0	15.81	15.91	15.64		
3	64QAM	1	0	15.85	15.84	15.74		
3	64QAM	1	8	15.60	15.76	15.56		
3	64QAM	1	14	15.71	15.72	15.87		
3	64QAM	8	0	15.51	15.85	15.67		
3	64QAM	8	4	15.75	15.78	15.59		
3	64QAM	8	7	15.65	15.86	15.76		
3	64QAM	15	0	15.80	15.91	15.74		
3	256QAM	1	0	15.60	15.88	15.80		
3	256QAM	1	8	15.78	15.93	15.65		
3	256QAM	1	14	15.88	16.00	15.87		
3	256QAM	8	0	15.73	15.78	15.69		
3	256QAM	8	4	15.75	15.96	15.84		
3	256QAM	8	7	15.67	15.73	15.62		
3	256QAM	15	0	15.85	15.89	15.86		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	15.78	15.90	15.99	16.7	0
1.4	QPSK	1	3	15.85	16.01	15.74		
1.4	QPSK	1	5	15.84	15.94	15.77		
1.4	QPSK	3	0	15.77	15.78	15.57		
1.4	QPSK	3	1	15.67	15.68	15.60		
1.4	QPSK	3	3	15.58	15.73	15.52		
1.4	QPSK	6	0	15.81	15.72	15.51	16.7	0
1.4	16QAM	1	0	15.73	15.76	15.79	16.7	0
1.4	16QAM	1	3	15.69	15.89	15.75		
1.4	16QAM	1	5	15.70	15.90	15.53		
1.4	16QAM	3	0	15.71	15.99	15.82		
1.4	16QAM	3	1	15.65	15.80	15.84		
1.4	16QAM	3	3	15.87	15.89	15.58		
1.4	16QAM	6	0	15.78	15.77	15.58	16.7	0
1.4	64QAM	1	0	15.74	15.88	15.83	16.7	0
1.4	64QAM	1	3	15.48	15.80	15.49		
1.4	64QAM	1	5	15.75	15.80	15.83		
1.4	64QAM	3	0	15.62	15.72	15.64		
1.4	64QAM	3	1	15.68	15.71	15.64		
1.4	64QAM	3	3	15.66	15.90	15.76		
1.4	64QAM	6	0	15.68	15.83	15.67	16.7	0
1.4	256QAM	1	0	15.68	15.87	15.69	16.7	0
1.4	256QAM	1	3	15.75	15.98	15.71		
1.4	256QAM	1	5	15.87	16.03	15.86		
1.4	256QAM	3	0	15.72	15.82	15.69		
1.4	256QAM	3	1	15.78	15.99	15.79		
1.4	256QAM	3	3	15.74	15.73	15.58		
1.4	256QAM	6	0	15.82	15.86	15.83	16.7	0

Band 7 Ant4 DSI 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	16.04	16.15	16.06	16.7	0
20	QPSK	1	49	16.00	16.07	16.12		
20	QPSK	1	99	16.09	16.10	15.92		
20	QPSK	50	0	15.91	16.10	16.01		
20	QPSK	50	24	16.06	16.08	16.00		
20	QPSK	50	50	15.95	15.99	16.02		
20	QPSK	100	0	15.89	15.99	15.98		
20	16QAM	1	0	16.02	15.88	16.04		
20	16QAM	1	49	15.95	15.99	15.96		
20	16QAM	1	99	16.03	15.95	15.93		
20	16QAM	50	0	16.11	16.10	16.01		
20	16QAM	50	24	15.97	15.94	16.08		
20	16QAM	50	50	15.95	16.00	16.12		
20	16QAM	100	0	16.03	15.94	15.95		
20	64QAM	1	0	15.90	16.00	16.08		
20	64QAM	1	49	15.97	16.10	15.95		
20	64QAM	1	99	16.10	15.97	16.03		
20	64QAM	50	0	16.04	16.11	16.04		
20	64QAM	50	24	15.97	15.99	15.91		
20	64QAM	50	50	16.08	16.10	16.08		
20	64QAM	100	0	16.05	15.95	16.11		
20	256QAM	1	0	16.09	15.88	15.97		
20	256QAM	1	49	15.98	15.97	15.96		
20	256QA

Band 25 Ant4 DSI 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	15.98	16.17	15.98		
20	QPSK	1	49	16.12	15.98	16.02	17	0
20	QPSK	1	99	16.07	15.99	16.15		
20	QPSK	50	0	16.09	16.10	16.05		
20	QPSK	50	24	15.97	16.09	16.04	17	0
20	QPSK	50	50	16.07	16.01	16.08		
20	QPSK	100	0	16.05	16.07	16.04		
20	16QAM	1	0	16.09	16.10	16.12		
20	16QAM	1	49	16.04	15.99	16.15	17	0
20	16QAM	1	99	16.11	16.05	16.16		
20	16QAM	50	0	15.97	16.13	16.11		
20	16QAM	50	24	15.96	16.05	16.10	17	0
20	16QAM	50	50	16.01	16.10	16.14		
20	16QAM	100	0	15.83	16.15	16.02		
20	64QAM	1	0	16.16	16.13	16.08		
20	64QAM	1	49	16.12	16.01	16.15	17	0
20	64QAM	1	99	16.16	16.09	16.01		
20	64QAM	50	0	15.97	15.97	16.11		
20	64QAM	50	24	16.12	16.14	15.96	17	0
20	64QAM	50	50	16.11	16.14	15.98		
20	64QAM	100	0	16.13	16.15	16.16		
20	256QAM	1	0	16.11	16.11	16.11		
20	256QAM	1	49	16.08	16.00	16.03	17	0
20	256QAM	1	99	16.05	16.11	16.04		
20	256QAM	50	0	16.04	16.04	16.02		
20	256QAM	50	24	16.08	16.02	16.05	17	0
20	256QAM	50	50	16.08	16.09	16.11		
20	256QAM	100	0	16.04	16.09	15.97		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	15.88	16.07	15.84		
15	QPSK	1	37	15.94	15.99	15.94	17	0
15	QPSK	1	74	16.03	15.88	16.08		
15	QPSK	36	0	16.00	16.05	16.06		
15	QPSK	36	20	16.00	15.94	15.99	17	0
15	QPSK	36	39	16.07	16.05	16.11		
15	QPSK	75	0	15.96	15.98	15.89		
15	16QAM	1	0	16.12	15.97	16.11		
15	16QAM	1	37	16.01	16.07	16.12	17	0
15	16QAM	1	74	16.09	15.97	16.13		
15	16QAM	36	0	15.78	16.00	15.95		
15	16QAM	36	20	15.97	15.97	16.13	17	0
15	16QAM	36	39	16.09	16.04	16.05		
15	16QAM	75	0	16.00	15.96	16.06		
15	64QAM	1	0	16.05	16.04	15.94		
15	64QAM	1	37	15.92	15.88	16.03	17	0
15	64QAM	1	74	16.06	16.03	15.85		
15	64QAM	36	0	15.84	15.82	15.92		
15	64QAM	36	20	16.00	16.01	15.88	17	0
15	64QAM	36	39	15.99	16.00	15.91		
15	64QAM	75	0	16.12	15.83	16.08		
15	256QAM	1	0	16.01	16.06	16.05		
15	256QAM	1	37	16.02	16.03	16.03	17	0
15	256QAM	1	74	15.96	16.00	16.06		
15	256QAM	36	0	15.94	16.05	15.85		
15	256QAM	36	20	16.08	15.93	15.97	17	0
15	256QAM	36	39	16.01	16.01	16.11		
15	256QAM	75	0	15.94	16.12	15.95		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	16.02	16.04	16.00		
10	QPSK	1	25	16.07	15.96	15.91	17	0
10	QPSK	1	49	16.10	15.94	16.06		
10	QPSK	25	0	16.12	16.01	15.99		
10	QPSK	25	12	15.82	15.89	16.03	17	0
10	QPSK	25	25	15.96	16.03	15.93		
10	QPSK	50	0	15.87	15.90	15.98		
10	16QAM	1	0	15.97	15.98	16.14		
10	16QAM	1	25	15.97	15.99	16.09	17	0
10	16QAM	1	49	15.93	15.86	16.04		
10	16QAM	25	0	15.85	16.14	16.10		
10	16QAM	25	12	15.88	15.88	16.03	17	0
10	16QAM	25	25	16.13	16.00	16.12		
10	16QAM	50	0	16.13	16.10	15.89		
10	64QAM	1	0	15.96	15.94	16.01		
10	64QAM	1	25	15.96	15.98	16.13	17	0
10	64QAM	1	49	16.16	16.07	15.81		
10	64QAM	25	0	15.93	15.92	16.03		
10	64QAM	25	12	16.10	16.04	16.04	17	0
10	64QAM	25	25	15.97	16.08	15.83		
10	64QAM	50	0	16.12	16.07	16.12		
10	256QAM	1	0	16.02	16.09	16.10		
10	256QAM	1	25	16.11	15.88	15.83	17	0
10	256QAM	1	49	16.01	15.94	16.04		
10	256QAM	25	0	15.89	15.91	15.90		
10	256QAM	25	12	15.92	15.90	16.08	17	0
10	256QAM	25	25	16.07	16.12	15.98		
10	256QAM	50	0	15.98	15.94	15.81		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	15.93	16.05	15.93		
5	QPSK	1	12	16.14	16.02	16.03	17	0
5	QPSK	1	24	15.91	15.97	15.82		
5	QPSK	12	0	16.07	15.88	15.95		
5	QPSK	12	7	15.80	15.92	15.88	17	0
5	QPSK	12	13	16.09	15.85	16.06		
5	QPSK	25	0	16.07	15.94	16.07		
5	16QAM	1	0	16.04	15.96	16.02		
5	16QAM	1	12	15.90	15.98	15.96	17	0
5	16QAM	1	24	16.04	15.98	16.11		
5	16QAM	12	0	15.86	16.08	16.10		
5	16QAM	12	7	15.98	16.07	16.13	17	0
5	16QAM	12	13	15.98	16.11	16.06		
5	16QAM	25	0	16.12	16.02	15.99		
5	64QAM	1	0	16.05	16.13	15.91		
5	64QAM	1	12	16.11	16.03	16.06	17	0
5	64QAM	1	24	16.15	16.09	15.91		
5	64QAM	12	0	15.94	15.95	16.11		
5	64QAM	12	7	15.95	16.00	15.99	17	0
5	64QAM	12	13	16.06	16.08	15.89		
5	64QAM	25	0	16.09	15.98	16.16		
5	256QAM	1	0	16.00	16.00	16.00		
5	256QAM	1	12	16.02	16.03	16.11	17	0
5	256QAM	1	24	16.03	16.04	16.07		
5	256QAM	12	0	15.91	15.93	16.00		
5	256QAM	12	7	15.92	15.88	15.86	17	0
5	256QAM	12	13	16.02	16.11	15.92		
5	256QAM	25	0	16.08	16.06	15.84		
Channel				26015	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	15.87	15.97	15.92		
3	QPSK	1	8	16.00	15.95	15.95	17	0
3	QPSK	1	14	16.06	15.97	16.09		
3	QPSK	8	0	16.03	16.09	16.01		
3	QPSK	8	4	15.87	16.02	16.06	17	0
3	QPSK	8	7	16.07	15.94	15.98		
3	QPSK	15	0	15.92	16.07	16.01		
3	16QAM	1	0	16.09	15.94	16.16		
3	16QAM	1	8	15.91	16.01	16.08	17	0
3	16QAM	1	14	16.03	15.91	16.15		
3	16QAM	8	0	15.80	16.15	15.93		
3	16QAM	8	4	16.00	16.05	16.01	17	0
3	16QAM	8	7	16.05	15.95	16.05		
3	16QAM	15	0	16.00	16.07	15.91		
3	64QAM	1	0	16.07	16.07	15.90		
3	64QAM	1	8	16.08	15.88	16.12	17	0
3	64QAM	1	14	16.10	16.06	15.93		
3	64QAM	8	0	15.83	15.84	15.93		
3	64QAM	8	4	15.96	15.96	15.99	17	0
3	64QAM	8	7	16.01	15.99	15.81		
3	64QAM	15	0	16.10	16.08	16.13		
3	256QAM	1	0	15.91	15.95	15.99		
3	256QAM	1	8	16.03	15.94	16.06	17	0
3	256QAM	1	14	16.06	16.06	15.85		
3	256QAM	8	0	16.01	16.02	15.86		
3	256QAM	8	4	16.01	15.99	15.92	17	0
3	256QAM	8	7	16.16	15.94	15.97		
3	256QAM	15	0	15.86	15.90	15.85		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	16.00	16.04	15.96		
1.4	QPSK	1	3	15.93	15.83	15.91		
1.4	QPSK	1	5	16.02	15.86	16.10	17	0
1.4	QPSK	3	0	16.10	15.97	16.10		
1.4	QPSK	3	1	15.89	16.02	15.96		
1.4	QPSK	3	3	16.09	15.97	16.06		
1.4	QPSK	6	0	15.85	16.04	16.06	17	0
1.4	16QAM	1	0	15.92	16.09	16.01		
1.4	16QAM	1	3	15.94	16.09	16.07		
1.4	16QAM	1	5	15.97	16.00	15.97	17	0
1.4	16QAM	3	0	15.89	16.10	16.09		
1.4	16QAM	3	1	15.77	15.90	15.91		
1.4	16QAM	3	3	16.02	15.96	16.13		
1.4	16QAM	6	0	16.12	16.01	16.04	17	0
1.4	64QAM	1	0	16.04	16.03	16.08		
1.4	64QAM	1	3	16.02	15.88	16.00		
1.4	64QAM	1	5	16.13	15.93	16.03	17	0
1.4	64QAM	3	0	15.85	15.85	16.13		
1.4	64QAM	3	1	16.06	16.05	16.00		
1.4	64QAM	3	3	16.08	16.12	16.00		
1.4	64QAM	6	0	16.12	16.02	16.16	17	0
1.4	256QAM	1	0	16.07	16.10	16.12		
1.4	256QAM	1	3	16.03	16.03	15.86		
1.4	256QAM	1	5	16.05	16.12	15.95	17	0
1.4	256QAM	3	0	16.04	15.86	16.03		
1.4	256QAM	3	1	16.00	15.97	16.09		
1.4	256QAM	3	3	16.07	15.94	16.11		
1.4	256QAM	6	0	15.88	16.01	15.93	17	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				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	16.01	16.08	16.03		
20	QPSK	1	49	15.94	16.06	15.89	16.7	0
20	QPSK	1	99	15.85	16.07	15.89		
20	QPSK	50	0	16.01	16.04	15.86		
20	QPSK	50	24	16.03	15.97	15.99	16.7	0
20	QPSK	50	50	15.96	15.99	15.98		
20	QPSK	100	0	15.89	16.03	16.01		
20	16QAM	1	0	15.94	16.03	16.00		
20	16QAM	1	49	15.93	15.94	15.86	16.7	0
20	16QAM	1	99	16.00	16.04	15.97		
20	16QAM	50	0	15.89	15.97	15.95		
20	16QAM	50	24	16.00	15.93	15.99	16.7	0
20	16QAM	50	50	16.07	16.02	15.85		
20	16QAM	100	0	15.97	16.02	15.92		
20	64QAM	1	0	16.00	15.89	15.87		
20	64QAM	1	49	15.84	15.93	15.92	16.7	0
20	64QAM	1	99	15.96	16.01	15.89		
20	64QAM	50	0	16.07	15.85	15.90		
20	64QAM	50	24	15.91	16.01	15.88	16.7	0
20	64QAM	50	50	16.03	15.91	16.02		
20	64QAM	100	0	15.95	15.91	16.01		
20	256QAM	1	0	16.02	15.91	15.87		
20	256QAM	1	49	16.03	15.85	15.92	16.7	0
20	256QAM	1	99	15.94	15.93	16.02		
20	256QAM	50	0	16.02	16.07	16.02		
20	256QAM	50	24	15.86	15.87	15.88	16.7	0
20	256QAM	50	50	15.96	15.86	16.02		
20	256QAM	100	0	15.91	16.07	15.93		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	15.91	15.95	15.99		
15	QPSK	1	37	15.85	15.91	15.84	16.7	0
15	QPSK	1	74	15.83	15.99	15.84		
15	QPSK	36	0	15.83	15.90	15.69		
15	QPSK	36	20	15.98	15.94	15.86	16.7	0
15	QPSK	36	39	15.79	15.92	15.88		
15	QPSK	75	0	15.76	15.90	15.92		
15	16QAM	1	0	15.77	15.93	15.83		
15	16QAM	1	37	15.90	15.91	15.83	16.7	0
15	16QAM	1	74	15.86	15.94	15.80		
15	16QAM	36	0	15.75	15.93	15.82		
15	16QAM	36	20	15.97	15.86	15.85	16.7	0
15	16QAM	36	39	16.05	15.99	15.68		
15	16QAM	75	0	15.94	15.93	15.74		
15	64QAM	1	0	15.83	15.86	15.78		
15	64QAM	1	37	15.70	15.76	15.81	16.7	0
15	64QAM	1	74	15.84	15.88	15.78		
15	64QAM	36	0	15.92	15.67	15.76		
15	64QAM	36	20	15.75	15.85	15.77	16.7	0
15	64QAM	36	39	15.96	15.83	15.85		
15	64QAM	75	0	15.80	15.82	15.85		
15	256QAM	1	0	15.89	15.78	15.80		
15	256QAM	1	37	15.88	15.73	15.77	16.7	0
15	256QAM	1	74	15.77	15.78	15.97		
15	256QAM	36	0	15.96	16.02	15.92		
15	256QAM	36	20	15.73	15.70	15.72	16.7	0
15	256QAM	36	39	15.84	15.73	15.87		
15	256QAM	75	0	15.82	15.98	15.83		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	15.94	16.02	15.93		
10	QPSK	1	25	15.86	16.04	15.74	16.7	0
10	QPSK	1	49	15.79	15.92	15.79		
10	QPSK	25	0	15.84	15.88	15.81		
10	QPSK	25	12	15.89	15.85	15.92	16.7	0
10	QPSK	25	25	15.93	15.97	15.85		
10	QPSK	50	0	15.85	15.98	15.89		
10	16QAM	1	0	15.77	15.90	15.92		
10	16QAM	1	25	15.78	15.77	15.76	16.7	0
10	16QAM	1	49	15.97	16.01	15.80		
10	16QAM	25	0	15.81	15.93	15.78		
10	16QAM	25	12	15.95	15.78	15.92	16.7	0
10	16QAM	25	25	16.03	15.87	15.76		
10	16QAM	50	0	15.88	15.96	15.86		
10	64QAM	1	0	15.93	15.83	15.70		
10	64QAM	1	25	15.66	15.83	15.88	16.7	0
10	64QAM	1	49	15.92	15.85	15.84		
10	64QAM	25	0	16.03	15.79	15.84		
10	64QAM	25	12	15.76	15.98	15.78	16.7	0
10	64QAM	25	25	15.94	15.81	15.90		
10	64QAM	50	0	15.81	15.77	15.96		
10	256QAM	1	0	15.92	15.84	15.76		
10	256QAM	1	25	15.97	15.69	15.86	16.7	0
10	256QAM	1	49	15.83	15.75	15.91		
10	256QAM	25	0	15.92	15.93	15.98		
10	256QAM	25	12	15.75	15.70	15.71	16.7	0
10	256QAM	25	25	15.83	15.76	15.91		
10	256QAM	50	0	15.74	15.97	15.88		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	15.95	15.93	15.94		
5	QPSK	1	12	15.89	15.97	15.78	16.7	0
5	QPSK	1	24	15.70	15.98	15.71		
5	QPSK	12	0	15.93	15.86	15.70		
5	QPSK	12	7	16.00	15.90	15.85	16.7	0
5	QPSK	12	13	15.85	15.88	15.80		
5	QPSK	25	0	15.83	15.96	15.99		
5	16QAM	1	0	15.82	15.90	15.92		
5	16QAM	1	12	15.89	15.84	15.73	16.7	0
5	16QAM	1	24	15.86	15.97	15.84		
5	16QAM	12	0	15.87	15.80	15.85		
5	16QAM	12	7	15.86	15.88	15.83	16.7	0
5	16QAM	12	13	15.98	15.87	15.71		
5	16QAM	25	0	15.88	15.84	15.76		
5	64QAM	1	0	15.93	15.79	15.79		
5	64QAM	1	12	15.75	15.80	15.88	16.7	0
5	64QAM	1	24	15.84	15.88	15.76		
5	64QAM	12	0	15.92	15.79	15.75		
5	64QAM	12	7	15.82	15.94	15.75	16.7	0
5	64QAM	12	13	16.00	15.75	15.88		
5	64QAM	25	0	15.77	15.86	15.89		
5	256QAM	1	0	15.98	15.85	15.84		
5	256QAM	1	12	15.91	15.77	15.82	16.7	0
5	256QAM	1	24	15.92	15.77	15.99		
5	256QAM	12	0	15.99	15.91	15.98		
5	256QAM	12	7	15.83	15.69	15.74	16.7	0
5	256QAM	12	13	15.80	15.71	15.88		
5	256QAM	25	0	15.81	15.95	15.77		
Channel				131947	132322	132697	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	15.93	15.97	15.95		
3	QPSK	1	8	15.86	15.99	15.84	16.7	0
3	QPSK	1	14	15.72	15.97	15.71		
3	QPSK	8	0	15.92	15.88	15.77		
3	QPSK	8	4	15.88	15.94	15.82	16.7	0
3	QPSK	8	7	15.89	15.85	15.93		
3	QPSK	15	0	15.83	15.86	15.90		
3	16QAM	1	0	15.84	15.88	15.95		
3	16QAM	1	8	15.84	15.78	15.80	16.7	0
3	16QAM	1	14	15.95	15.93	15.90		
3	16QAM	8	0	15.86	15.91	15.81		
3	16QAM	8	4	15.94	15.89	15.90	16.7	0
3	16QAM	8	7	16.00	15.91	15.69		
3	16QAM	15	0	15.82	15.88	15.76		
3	64QAM	1	0	15.84	15.80	15.73		
3	64QAM	1	8	15.75	15.81	15.74	16.7	0
3	64QAM	1	14	15.82	15.96	15.81		
3	64QAM	8	0	15.96	15.71	15.87		
3	64QAM	8	4	15.74	15.86	15.75	16.7	0
3	64QAM	8	7	15.94	15.78	15.93		
3	64QAM	15	0	15.88	15.75	15.95		
3	256QAM	1	0	15.87	15.78	15.74		
3	256QAM	1	8	15.91	15.74	15.85	16.7	0
3	256QAM	1	14	15.86	15.82	15.92		
3	256QAM	8	0	15.91	16.01	15.95		
3	256QAM	8	4	15.79	15.71	15.86	16.7	0
3	256QAM	8	7	15.91	15.82	15.88		
3	256QAM	15	0	15.89	15.94	15.81		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	15.98	15.97	15.98		
1.4	QPSK	1	3	15.79	15.89	15.86		
1.4	QPSK	1	5	15.79	15.96	15.76	16.7	0
1.4	QPSK	3	0	15.89	15.95	15.77		
1.4	QPSK	3	1	15.99	15.81	15.87		
1.4	QPSK	3	3	15.81	15.93	15.80		
1.4	QPSK	6	0	15.94	15.99	15.89	16.7	0
1.4	16QAM	1	0	15.81	15.89	15.97		
1.4	16QAM	1	3	15.83	15.81	15.82		
1.4	16QAM	1	5	15.86	15.96	15.80	16.7	0
1.4	16QAM	3	0	15.84	15.85	15.84		
1.4	16QAM	3	1	15.89	15.85	15.97		
1.4	16QAM	3	3	15.98	15.89	15.70		
1.4	16QAM	6	0	15.80	15.90	15.74	16.7	0
1.4	64QAM	1	0	15.92	15.78	15.76		
1.4	64QAM	1	3	15.82	15.83	15.74		
1.4	64QAM	1	5	15.93	15.88	15.77	16.7	0
1.4	64QAM	3	0	15.97	15.69	15.73		
1.4	64QAM	3	1	15.87	15.88	15.70		
1.4	64QAM	3	3	15.98	15.86	15.97		
1.4	64QAM	6	0	15.80	15.87	15.87	16.7	0
1.4	256QAM	1	0	15.88	15.87	15.71		
1.4	256QAM	1	3	15.99	15.75	15.87		
1.4	256QAM	1	5	15.85	15.87	15.88	16.7	0
1.4	256QAM	3	0	15.86	16.00	15.87		
1.4	256QAM	3	1	15.74	15.84	15.81		
1.4	256QAM	3	3	15.84	15.84	15.96		
1.4	256QAM	6	0	15.79	15.94	15.75	16.7	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)				2580	2595	2610		
20	QPSK	1	0	18.19	18.23	18.11	18.7	0
20	QPSK	1	49	18.17	18.14	18.04		
20	QPSK	1	99	18.10	18.12	18.16		
20	QPSK	50	0	18.12	18.16	18.09	18.7	0
20	QPSK	50	24	18.14	18.12	18.02		
20	QPSK	50	50	18.09	18.11	18.08		
20	QPSK	100	0	18.06	18.15	18.12		
20	16QAM	1	0	18.01	18.14	18.04	18.7	0
20	16QAM	1	49	17.98	18.21	18.14		
20	16QAM	1	99	18.13	18.21	18.15		
20	16QAM	50	0	17.99	18.17	18.12	18.7	0
20	16QAM	50	24	18.04	18.10	18.03		
20	16QAM	50	50	18.15	18.05	18.08		
20	16QAM	100	0	18.11	17.93	18.16		
20	64QAM	1	0	18.13	18.05	18.01	18.7	0
20	64QAM	1	49	18.02	18.11	18.18		
20	64QAM	1	99	18.06	18.15	18.12		
20	64QAM	50	0	18.11	18.13	17.99	18.7	0
20	64QAM	50	24	18.01	18.11	18.22		
20	64QAM	50	50	18.00	18.18	18.07		
20	64QAM	100	0	18.06	18.00	18.07		
20	256QAM	1	0	18.19	18.02	18.03	18.7	0
20	256QAM	1	49	18.06	18.02	18.03		
20	256QAM	1	99	18.10	18.16	18.09		
20	256QAM	50	0	18.14	18.22	18.12	18.7	0
20	256QAM	50	24	18.17	18.13	18.15		
20	256QAM	50	50	18.05	17.97	18.20		
20	256QAM	100	0	17.86	18.11	18.04		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	18.01	18.16	18.06	18.7	0
15	QPSK	1	37	18.10	18.06	18.00		
15	QPSK	1	74	18.05	18.04	18.07		
15	QPSK	36	0	17.97	18.13	17.97	18.7	0
15	QPSK	36	20	18.04	18.11	18.01		
15	QPSK	36	39	18.01	18.07	18.03		
15	QPSK	75	0	17.98	18.09	18.04		
15	16QAM	1	0	18.02	18.08	18.01	18.7	0
15	16QAM	1	37	17.95	18.18	18.06		
15	16QAM	1	74	18.06	18.11	18.10		
15	16QAM	36	0	17.98	18.06	18.12	18.7	0
15	16QAM	36	20	17.99	18.03	17.98		
15	16QAM	36	39	18.10	17.97	18.00		
15	16QAM	75	0	18.04	17.86	18.15		
15	64QAM	1	0	18.08	17.99	18.00	18.7	0
15	64QAM	1	37	17.98	18.08	18.14		
15	64QAM	1	74	17.99	18.08	18.07		
15	64QAM	36	0	18.06	18.06	17.98	18.7	0
15	64QAM	36	20	17.93	18.04	18.12		
15	64QAM	36	39	17.97	18.14	18.04		
15	64QAM	75	0	18.03	17.93	17.99		
15	256QAM	1	0	18.17	17.98	17.99	18.7	0
15	256QAM	1	37	18.04	17.96	18.01		
15	256QAM	1	74	18.00	18.09	18.03		
15	256QAM	36	0	18.12	18.17	18.09	18.7	0
15	256QAM	36	20	18.15	18.11	18.10		
15	256QAM	36	39	18.00	17.96	18.15		
15	256QAM	75	0	17.87	18.08	18.01		
Channel				37600	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	18.00	18.17	18.04	18.7	0
10	QPSK	1	25	18.11	18.08	17.99		
10	QPSK	1	49	18.08	18.07	18.10		
10	QPSK	25	0	17.96	18.14	18.00	18.7	0
10	QPSK	25	12	18.07	18.14	17.96		
10	QPSK	25	25	18.04	18.09	18.07		
10	QPSK	50	0	18.01	18.09	18.04		
10	16QAM	1	0	18.01	18.13	17.96	18.7	0
10	16QAM	1	25	17.96	18.16	18.07		
10	16QAM	1	49	18.08	18.15	18.10		
10	16QAM	25	0	17.98	18.09	18.10	18.7	0
10	16QAM	25	12	18.02	18.03	18.00		
10	16QAM	25	25	18.08	17.98	18.00		
10	16QAM	50	0	18.01	17.92	18.10		
10	64QAM	1	0	18.11	17.96	17.98	18.7	0
10	64QAM	1	25	18.00	18.02	18.09		
10	64QAM	1	49	17.99	18.08	18.05		
10	64QAM	25	0	18.05	18.05	17.94	18.7	0
10	64QAM	25	12	17.96	18.06	18.14		
10	64QAM	25	25	17.97	18.08	18.04		
10	64QAM	50	0	18.03	17.93	18.04		
10	256QAM	1	0	18.16	17.96	17.99	18.7	0
10	256QAM	1	25	18.05	17.97	17.97		
10	256QAM	1	49	18.05	18.07	18.07		
10	256QAM	25	0	18.10	18.15	18.09	18.7	0
10	256QAM	25	12	18.12	18.08	18.15		
10	256QAM	25	25	18.02	17.97	18.15		
10	256QAM	50	0	17.83	18.07	17.99		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	17.98	18.20	18.08	18.7	0
5	QPSK	1	12	18.06	18.10	18.01		
5	QPSK	1	24	18.08	18.08	18.11		
5	QPSK	12	0	17.94	18.10	17.99	18.7	0
5	QPSK	12	7	18.09	18.08	18.00		
5	QPSK	12	13	18.03	18.05	18.05		
5	QPSK	25	0	17.96	18.14	18.08		
5	16QAM	1	0	18.00	18.11	17.99	18.7	0
5	16QAM	1	12	17.98	18.17	18.08		
5	16QAM	1	24	18.09	18.13	18.08		
5	16QAM	12	0	17.98	18.11	18.08	18.7	0
5	16QAM	12	7	17.99	18.01	18.00		
5	16QAM	12	13	18.10	17.95	18.04		
5	16QAM	25	0	18.02	17.87	18.11		
5	64QAM	1	0	18.10	17.96	17.98	18.7	0
5	64QAM	1	12	17.95	18.02	18.10		
5	64QAM	1	24	18.04	18.07	18.04		
5	64QAM	12	0	18.01	18.04	17.93	18.7	0
5	64QAM	12	7	17.95	18.04	18.17		
5	64QAM	12	13	17.92	18.13	18.00		
5	64QAM	25	0	17.98	17.92	18.00		
5	256QAM	1	0	18.13	17.98	17.98	18.7	0
5	256QAM	1	12	18.02	17.94	17.99		
5	256QAM	1	24	17.99	18.09	18.01		
5	256QAM	12	0	18.10	18.17	18.07	18.7	0
5	256QAM	12	7	18.12	18.11	18.10		
5	256QAM	12	13	18.02	17.95	18.16		
5	256QAM	25	0	17.86	18.05	18.03		

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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	17.75	17.76	17.80	17.71	17.68	18.2	0
20	QPSK	1	49	17.55	17.67	17.69	17.71	17.61		
20	QPSK	1	99	17.59	17.57	17.67	17.57	17.68		
20	QPSK	50	0	17.58	17.62	17.77	17.59	17.73	18.2	0
20	QPSK	50	24	17.68	17.67	17.57	17.58	17.69		
20	QPSK	50	50	17.67	17.72	17.65	17.59	17.57		
20	QPSK	100	0	17.61	17.57	17.69	17.55	17.58		
20	16QAM	1	0	17.70	17.70	17.62	17.62	17.73	18.2	0
20	16QAM	1	49	17.74	17.76	17.54	17.58	17.56		
20	16QAM	1	99	17.69	17.56	17.75	17.73	17.63		
20	16QAM	50	0	17.70	17.69	17.62	17.68	17.63	18.2	0
20	16QAM	50	24	17.65	17.62	17.55	17.55	17.66		
20	16QAM	50	50	17.63	17.73	17.76	17.58	17.68		
20	16QAM	100	0	17.61	17.63	17.58	17.63	17.62		
20	64QAM	1	0	17.66	17.57	17.57	17.61	17.61	18.2	0
20	64QAM	1	49	17.77	17.56	17.77	17.68	17.60		
20	64QAM	1	99	17.56	17.55	17.62	17.54	17.73		
20	64QAM	50	0	17.54	17.77	17.58	17.70	17.61	18.2	0
20	64QAM	50	24	17.67	17.60	17.63	17.75	17.63		
20	64QAM	50	50	17.62	17.65	17.61	17.68	17.76		
20	64QAM	100	0	17.63	17.60	17.56	17.72	17.75		
20	256QAM	1	0	17.60	17.55	17.64	17.55	17.69	18.2	0
20	256QAM	1	49	17.73	17.77	17.59	17.76	17.63		
20	256QAM	1	99	17.75	17.57	17.75	17.68	17.66		
20	256QAM	50	0	17.67	17.72	17.74	17.59	17.66	18.2	0
20	256QAM	50	24	17.64	17.55	17.63	17.67	17.67		
20	256QAM	50	50	17.58	17.68	17.71	17.59	17.58		
20	256QAM	100	0	17.54	17.59	17.59	17.77	17.69		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	17.63	17.67	17.72	17.55	17.64	18.20	0
15	QPSK	1	37	17.44	17.62	17.61	17.54	17.57		
15	QPSK	1	74	17.49	17.40	17.56	17.42	17.50		
15	QPSK	36	0	17.40	17.46	17.68	17.51	17.63	18.2	0
15	QPSK	36	20	17.62	17.53	17.50	17.55	17.57		
15	QPSK	36	39	17.55	17.68	17.56	17.54	17.44		
15	QPSK	75	0	17.56	17.43	17.58	17.37	17.42		
15	16QAM	1	0	17.64	17.63	17.48	17.53	17.57	18.2	0
15	16QAM	1	37	17.58	17.69	17.46	17.43	17.39		
15	16QAM	1	74	17.63	17.53	17.63	17.66	17.49		
15	16QAM	36	0	17.52	17.54	17.58	17.54	17.55	18.2	0
15	16QAM	36	20	17.56	17.60	17.44	17.46	17.59		
15	16QAM	36	39	17.58	17.57	17.60	17.54	17.59		
15	16QAM	75	0	17.43	17.59	17.52	17.48	17.49		
15	64QAM	1	0	17.55	17.54	17.54	17.52	17.45	18.2	0
15	64QAM	1	37	17.73	17.49	17.63	17.56	17.51		
15	64QAM	1	74	17.54	17.51	17.46	17.40	17.62		
15	64QAM	36	0	17.41	17.60	17.46	17.60	17.51	18.2	0
15	64QAM	36	20	17.57	17.55	17.55	17.56	17.52		
15	64QAM	36	39	17.56	17.52	17.47	17.54	17.72		
15	64QAM	75	0	17.54	17.46	17.42	17.69	17.66		
15	256QAM	1	0	17.52	17.48	17.48	17.48	17.51	18.2	0
15	256QAM	1	37	17.66	17.63	17.49	17.60	17.48		
15	256QAM	1	74	17.63	17.44	17.66	17.66	17.55		
15	256QAM	36	0	17.64	17.63	17.66	17.51	17.59	18.2	0
15	256QAM	36	20	17.56	17.38	17.54	17.56	17.58		
15	256QAM	36	39	17.50	17.58	17.61	17.44	17.46		
15	256QAM	75	0	17.46	17.56	17.44	17.75	17.54		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	17.70	17.59	17.69	17.54	17.56	18.20	0
10	QPSK	1	25	17.50	17.62	17.51	17.60	17.58		
10	QPSK	1	49	17.56	17.51	17.58	17.42	17.62		
10	QPSK	25	0	17.52	17.55	17.60	17.42	17.56	18.2	0
10	QPSK	25	12	17.54	17.59	17.41	17.46	17.57		
10	QPSK	25	25	17.61	17.65	17.61	17.47	17.47		
10	QPSK	50	0	17.51	17.55	17.57	17.39	17.45		
10	16QAM	1	0	17.57	17.54	17.44	17.58	17.57	18.2	0
10	16QAM	1	25	17.60	17.64	17.37	17.44	17.38		
10	16QAM	1	49	17.62	17.42	17.60	17.63	17.54		
10	16QAM	25	0	17.53	17.51	17.54	17.63	17.58	18.2	0
10	16QAM	25	12	17.59	17.45	17.48	17.41	17.58		
10	16QAM	25	25	17.53	17.56	17.72	17.50	17.53		
10	16QAM	50	0	17.47	17.50	17.43	17.45	17.55		
10	64QAM	1	0	17.49	17.43	17.42	17.52	17.47	18.2	0
10	64QAM	1	25	17.67	17.46	17.73	17.65	17.42		
10	64QAM	1	49	17.54	17.41	17.48	17.43	17.57		
10	64QAM	25	0	17.51	17.61	17.46	17.52	17.52	18.2	0
10	64QAM	25	12	17.55	17.42	17.55	17.71	17.48		
10	64QAM	25	25	17.51	17.61	17.57	17.58	17.60		
10	64QAM	50	0	17.47	17.46	17.42	17.67	17.66		
10	256QAM	1	0	17.50	17.46	17.47	17.49	17.62	18.2	0
10	256QAM	1	25	17.60	17.66	17.55	17.65	17.58		
10	256QAM	1	49	17.73	17.47	17.71	17.54	17.54		
10	256QAM	25	0	17.56	17.59	17.65	17.48	17.55	18.2	0
10	256QAM	25	12	17.61	17.43	17.56	17.56	17.59		
10	256QAM	25	25	17.49	17.65	17.60	17.45	17.45		
10	256QAM	50	0	17.36	17.54	17.47	17.63	17.62		
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	17.65	17.69	17.76	17.57	17.57	18.20	0
5	QPSK	1	12	17.43	17.59	17.61	17.61	17.45		
5	QPSK	1	24	17.47	17.54	17.57	17.44	17.62		
5	QPSK	12	0	17.53	17.56	17.74	17.47	17.59	18.2	0
5	QPSK	12	7	17.61	17.55	17.47	17.41	17.57		
5	QPSK	12	13	17.63	17.62	17.54	17.47	17.49		
5	QPSK	25	0	17.56	17.42	17.59	17.38	17.54		
5	16QAM	1	0	17.56	17.67	17.50	17.49	17.68	18.2	0
5	16QAM	1	12	17.72	17.71	17.43	17.55	17.54		
5	16QAM	1	24	17.66	17.47	17.70	17.58	17.53		
5	16QAM	12	0	17.63	17.52	17.59	17.59	17.59	18.2	0
5	16QAM	12	7	17.51	17.59	17.39	17.50	17.63		
5	16QAM	12	13	17.48	17.59	17.59	17.43	17.51		
5	16QAM	25	0	17.46	17.57	17.52	17.57	17.52		
5	64QAM	1	0	17.63	17.39	17.53	17.52	17.58	18.2	0
5	64QAM	1	12	17.60	17.40	17.71	17.54	17.44		
5	64QAM	1	24	17.47	17.50	17.52	17.39	17.58		
5	64QAM	12	0	17.43	17.65	17.50	17.54	17.47	18.2	0
5	64QAM	12	7	17.56	17.49	17.55	17.71	17.59		
5	64QAM	12	13	17.54	17.57	17.58	17.61	17.59		
5	64QAM	25	0	17.49	17.44	17.45	17.64	17.70		
5	256QAM	1	0	17.55	17.40	17.46	17.43	17.51	18.2	0
5	256QAM	1	12	17.67	17.70	17.42	17.61	17.48		
5	256QAM	1	24	17.68	17.45	17.62	17.61	17.49		
5	256QAM	12	0	17.61	17.62	17.65	17.49	17.56	18.2	0
5	256QAM	12	7	17.52	17.42	17.50	17.51	17.61		
5	256QAM	12	13	17.42	17.63	17.62	17.56	17.50		
5	256QAM	25	0	17.38	17.42	17.54	17.72	17.58		

WCDMA IV Ant6 DSI 5

Band		WCDMA IV			Tune-up Limit (dBm)
TX Channel		1312	1413	1513	
Rx Channel		1537	1638	1738	
Frequency (MHz)		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	16.15	16.35	16.13	17.70
3GPP Rel 99	RMC 12.2Kbps	16.48	16.57	16.40	17.70
3GPP Rel 6	HSDPA Subtest-1	15.34	15.30	15.47	16.70
3GPP Rel 6	HSDPA Subtest-2	15.35	15.56	15.48	16.70
3GPP Rel 6	HSDPA Subtest-3	14.82	15.05	15.04	16.20
3GPP Rel 6	HSDPA Subtest-4	14.88	15.07	14.83	16.20
3GPP Rel 8	DC-HSDPA Subtest-1	15.38	15.46	15.34	16.70
3GPP Rel 8	DC-HSDPA Subtest-2	15.41	15.44	15.41	16.70
3GPP Rel 8	DC-HSDPA Subtest-3	14.81	15.06	15.05	16.20
3GPP Rel 8	DC-HSDPA Subtest-4	14.86	14.98	14.79	16.20
3GPP Rel 6	HSUPA Subtest-1	15.35	15.23	15.49	16.70
3GPP Rel 6	HSUPA Subtest-2	13.34	13.48	13.54	14.70
3GPP Rel 6	HSUPA Subtest-3	14.37	14.41	14.29	15.70
3GPP Rel 6	HSUPA Subtest-4	13.30	13.56	13.48	14.70
3GPP Rel 6	HSUPA Subtest-5	15.13	15.51	15.42	16.70
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	12.74	12.87	12.90	14.20

Band 4 Ant6 DSI 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	15.63	15.76	15.65		
20	QPSK	1	49	15.69	15.66	15.68	16.9	0
20	QPSK	1	99	15.60	15.67	15.57		
20	QPSK	50	0	15.52	15.74	15.56		
20	QPSK	50	24	15.62	15.66	15.63	16.9	0
20	QPSK	50	50	15.59	15.69	15.63		
20	QPSK	100	0	15.54	15.62	15.53		
20	16QAM	1	0	15.70	15.60	15.61		
20	16QAM	1	49	15.58	15.65	15.73	16.9	0
20	16QAM	1	99	15.74	15.70	15.69		
20	16QAM	50	0	15.59	15.52	15.67		
20	16QAM	50	24	15.54	15.67	15.71	16.9	0
20	16QAM	50	50	15.52	15.70	15.73		
20	16QAM	100	0	15.64	15.53	15.59		
20	64QAM	1	0	15.75	15.74	15.53		
20	64QAM	1	49	15.64	15.63	15.72	16.9	0
20	64QAM	1	99	15.57	15.70	15.69		
20	64QAM	50	0	15.63	15.53	15.66		
20	64QAM	50	24	15.55	15.71	15.66	16.9	0
20	64QAM	50	50	15.62	15.67	15.55		
20	64QAM	100	0	15.62	15.54	15.71		
20	256QAM	1	0	15.54	15.70	15.55		
20	256QAM	1	49	15.59	15.58	15.64	16.9	0
20	256QAM	1	99	15.60	15.75	15.55		
20	256QAM	50	0	15.70	15.67	15.66		
20	256QAM	50	24	15.71	15.53	15.53	16.9	0
20	256QAM	50	50	15.54	15.74	15.53		
20	256QAM	100	0	15.53	15.65	15.64		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	15.63	15.67	15.63		
15	QPSK	1	37	15.47	15.55	15.61	16.9	0
15	QPSK	1	74	15.59	15.67	15.55		
15	QPSK	36	0	15.52	15.39	15.64		
15	QPSK	36	20	15.47	15.67	15.55	16.9	0
15	QPSK	36	39	15.54	15.51	15.42		
15	QPSK	75	0	15.54	15.59	15.39		
15	16QAM	1	0	15.51	15.41	15.43		
15	16QAM	1	37	15.39	15.51	15.63	16.9	0
15	16QAM	1	74	15.72	15.66	15.59		
15	16QAM	36	0	15.41	15.41	15.47		
15	16QAM	36	20	15.54	15.62	15.64	16.9	0
15	16QAM	36	39	15.33	15.67	15.58		
15	16QAM	75	0	15.53	15.52	15.43		
15	64QAM	1	0	15.70	15.74	15.50		
15	64QAM	1	37	15.64	15.53	15.69	16.9	0
15	64QAM	1	74	15.39	15.65	15.68		
15	64QAM	36	0	15.54	15.37	15.44		
15	64QAM	36	20	15.57	15.61	15.62	16.9	0
15	64QAM	36	39	15.62	15.48	15.44		
15	64QAM	75	0	15.61	15.40	15.54		
15	256QAM	1	0	15.41	15.55	15.39		
15	256QAM	1	37	15.44	15.52	15.51	16.9	0
15	256QAM	1	74	15.56	15.59	15.53		
15	256QAM	36	0	15.52	15.46	15.58		
15	256QAM	36	20	15.61	15.51	15.31	16.9	0
15	256QAM	36	39	15.44	15.73	15.55		
15	256QAM	75	0	15.42	15.53	15.58		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	15.51	15.71	15.64		
10	QPSK	1	25	15.59	15.54	15.61	16.9	0
10	QPSK	1	49	15.47	15.50	15.42		
10	QPSK	25	0	15.43	15.53	15.63		
10	QPSK	25	12	15.57	15.70	15.46	16.9	0
10	QPSK	25	25	15.53	15.57	15.42		
10	QPSK	50	0	15.66	15.54	15.47		
10	16QAM	1	0	15.59	15.39	15.48		
10	16QAM	1	25	15.48	15.58	15.53	16.9	0
10	16QAM	1	49	15.64	15.64	15.64		
10	16QAM	25	0	15.40	15.43	15.50		
10	16QAM	25	12	15.36	15.60	15.60	16.9	0
10	16QAM	25	25	15.51	15.57	15.53		
10	16QAM	50	0	15.54	15.34	15.59		
10	64QAM	1	0	15.55	15.70	15.50		
10	64QAM	1	25	15.44	15.50	15.51	16.9	0
10	64QAM	1	49	15.37	15.68	15.52		
10	64QAM	25	0	15.56	15.40	15.61		
10	64QAM	25	12	15.44	15.65	15.52	16.9	0
10	64QAM	25	25	15.57	15.67	15.40		
10	64QAM	50	0	15.57	15.35	15.64		
10	256QAM	1	0	15.44	15.58	15.38		
10	256QAM	1	25	15.48	15.59	15.59	16.9	0
10	256QAM	1	49	15.52	15.67	15.51		
10	256QAM	25	0	15.65	15.60	15.44		
10	256QAM	25	12	15.57	15.43	15.47	16.9	0
10	256QAM	25	25	15.39	15.66	15.39		
10	256QAM	50	0	15.46	15.64	15.47		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	15.45	15.65	15.48		
5	QPSK	1	12	15.68	15.53	15.57	16.9	0
5	QPSK	1	24	15.39	15.59	15.51		
5	QPSK	12	0	15.45	15.44	15.70		
5	QPSK	12	7	15.45	15.73	15.61	16.9	0
5	QPSK	12	13	15.60	15.49	15.63		
5	QPSK	25	0	15.59	15.52	15.49		
5	16QAM	1	0	15.64	15.43	15.55		
5	16QAM	1	12	15.59	15.65	15.73	16.9	0
5	16QAM	1	24	15.63	15.50	15.59		
5	16QAM	12	0	15.44	15.53	15.52		
5	16QAM	12	7	15.35	15.67	15.51	16.9	0
5	16QAM	12	13	15.47	15.71	15.53		
5	16QAM	25	0	15.52	15.49	15.47		
5	64QAM	1	0	15.60	15.59	15.53		
5	64QAM	1	12	15.52	15.62	15.61	16.9	0
5	64QAM	1	24	15.52	15.62	15.58		
5	64QAM	12	0	15.60	15.51	15.46		
5	64QAM	12	7	15.40	15.69	15.60	16.9	0
5	64QAM	12	13	15.62	15.51	15.39		
5	64QAM	25	0	15.46	15.45	15.56		
5	256QAM	1	0	15.48	15.52	15.40		
5	256QAM	1	12	15.49	15.40	15.53	16.9	0
5	256QAM	1	24	15.42	15.56	15.51		
5	256QAM	12	0	15.57	15.69	15.45		
5	256QAM	12	7	15.52	15.53	15.43	16.9	0
5	256QAM	12	13	15.34	15.75	15.36		
5	256QAM	25	0	15.40	15.64	15.45		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	15.62	15.72	15.62		
3	QPSK	1	8	15.51	15.66	15.61	16.9	0
3	QPSK	1	14	15.57	15.60	15.41		
3	QPSK	8	0	15.36	15.47	15.66		
3	QPSK	8	4	15.51	15.60	15.55	16.9	0
3	QPSK	8	7	15.58	15.65	15.43		
3	QPSK	15	0	15.59	15.52	15.54		
3	16QAM	1	0	15.70	15.49	15.60		
3	16QAM	1	8	15.41	15.47	15.60	16.9	0
3	16QAM	1	14	15.53	15.51	15.56		
3	16QAM	8	0	15.56	15.39	15.47		
3	16QAM	8	4	15.41	15.66	15.54	16.9	0
3	16QAM	8	7	15.33	15.58	15.53		
3	16QAM	15	0	15.54	15.41	15.58		
3	64QAM	1	0	15.65	15.62	15.44		
3	64QAM	1	8	15.59	15.49	15.61	16.9	0
3	64QAM	1	14	15.54	15.58	15.62		
3	64QAM	8	0	15.60	15.49	15.44		
3	64QAM	8	4	15.33	15.64	15.65	16.9	0
3	64QAM	8	7	15.58	15.59	15.54		
3	64QAM	15	0	15.52	15.44	15.65		
3	256QAM	1	0	15.44	15.56	15.42		
3	256QAM	1	8	15.59	15.44	15.48	16.9	0
3	256QAM	1	14	15.62	15.54	15.52		
3	256QAM	8	0	15.71	15.64	15.57		
3	256QAM	8	4	15.62	15.47	15.47	16.9	0
3	256QAM	8	7	15.49	15.61	15.37		
3	256QAM	15	0	15.50	15.63	15.53		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	15.49	15.73	15.45		
1.4	QPSK	1	3	15.49	15.57	15.63		
1.4	QPSK	1	5	15.57	15.60	15.53	16.9	0
1.4	QPSK	3	0	15.45	15.45	15.61		
1.4	QPSK	3	1	15.56	15.57	15.41		
1.4	QPSK	3	3	15.52	15.69	15.41		
1.4	QPSK	6	0	15.53	15.56	15.50	16.9	0
1.4	16QAM	1	0	15.58	15.53	15.55		
1.4	16QAM	1	3	15.57	15.49	15.66		
1.4	16QAM	1	5	15.66	15.65	15.54	16.9	0
1.4	16QAM	3	0	15.49	15.35	15.64		
1.4	16QAM	3	1	15.48	15.53	15.69		
1.4	16QAM	3	3	15.31	15.68	15.59		
1.4	16QAM	6	0	15.62	15.38	15.43	16.9	0
1.4	64QAM	1	0	15.66	15.69	15.48		
1.4	64QAM	1	3	15.57	15.55	15.66		
1.4	64QAM	1	5	15.56	15.52	15.57	16.9	0
1.4	64QAM	3	0	15.57	15.42	15.51		
1.4	64QAM	3	1	15.39	15.65	15.64		
1.4	64QAM	3	3	15.61	15.66	15.51		
1.4	64QAM	6	0	15.44	15.36	15.68	16.9	0
1.4	256QAM	1	0	15.49	15.48	15.53		
1.4	256QAM	1	3	15.47	15.57	15.64		
1.4	256QAM	1	5	15.41	15.60	15.46	16.9	0
1.4	256QAM	3	0	15.69	15.64	15.54		
1.4	256QAM	3	1	15.59	15.48	15.32		
1.4	256QAM	3	3	15.56	15.74	15.36		
1.4	256QAM	6	0	15.48	15.50	15.53	16.9	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				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	15.11	15.12	15.09		
20	QPSK	1	49	14.92	14.97	14.97	16.2	0
20	QPSK	1	99	14.92	15.02	14.98		
20	QPSK	50	0	14.94	15.06	15.00		
20	QPSK	50	24	14.88	14.92	15.04	16.2	0
20	QPSK	50	50	15.00	14.96	14.89		
20	QPSK	100	0	14.89	14.99	14.97		
20	16QAM	1	0	14.98	15.04	14.91		
20	16QAM	1	49	15.05	15.08	15.01	16.2	0
20	16QAM	1	99	15.04	14.88	15.02		
20	16QAM	50	0	14.89	15.04	14.95		
20	16QAM	50	24	14.98	14.90	14.99	16.2	0
20	16QAM	50	50	15.05	15.11	14.93		
20	16QAM	100	0	14.89	14.99	15.06		
20	64QAM	1	0	14.95	15.10	15.06		
20	64QAM	1	49	15.08	15.02	14.90	16.2	0
20	64QAM	1	99	15.02	15.02	15.09		
20	64QAM	50	0	15.01	14.91	14.90		
20	64QAM	50	24	15.10	15.02	14.96	16.2	0
20	64QAM	50	50	14.89	14.94	15.04		
20	64QAM	100	0	14.88	14.93	14.92		
20	256QAM	1	0	14.97	14.96	14.92		
20	256QAM	1	49	15.10	14.93	15.07	16.2	0
20	256QAM	1	99	14.98	14.99	14.96		
20	256QAM	50	0	15.10	15.05	15.09		
20	256QAM	50	24	14.89	14.91	14.92	16.2	0
20	256QAM	50	50	15.04	15.01	15.11		
20	256QAM	100	0	14.88	14.99	15.04		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	14.93	15.03	14.91		
15	QPSK	1	37	14.93	14.81	14.99	16.2	0
15	QPSK	1	74	14.93	14.97	14.83		
15	QPSK	36	0	14.88	14.91	14.89		
15	QPSK	36	20	14.74	14.70	14.93	16.2	0
15	QPSK	36	39	15.05	14.80	14.67		
15	QPSK	75	0	14.75	14.77	14.83		
15	16QAM	1	0	14.83	14.87	14.87		
15	16QAM	1	37	15.00	14.99	14.81	16.2	0
15	16QAM	1	74	15.01	14.83	14.97		
15	16QAM	36	0	14.75	14.90	14.87		
15	16QAM	36	20	14.98	14.95	14.96	16.2	0
15	16QAM	36	39	14.85	15.08	14.75		
15	16QAM	75	0	14.86	14.89	14.94		
15	64QAM	1	0	14.89	15.00	14.91		
15	64QAM	1	37	14.92	15.03	14.76	16.2	0
15	64QAM	1	74	15.08	14.97	15.07		
15	64QAM	36	0	14.92	14.84	14.90		
15	64QAM	36	20	14.97	14.84	14.75	16.2	0
15	64QAM	36	39	14.83	14.73	14.96		
15	64QAM	75	0	14.66	14.90	14.87		
15	256QAM	1	0	14.91	14.90	14.73		
15	256QAM	1	37	15.07	14.84	14.98	16.2	0
15	256QAM	1	74	14.82	15.01	14.78		
15	256QAM	36	0	14.90	15.01	14.99		
15	256QAM	36	20	14.77	14.86	14.75	16.2	0
15	256QAM	36	39	15.00	14.96	15.05		
15	256QAM	75	0	14.78	14.96	14.94		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	15.09	14.87	14.97		
10	QPSK	1	25	14.89	14.77	14.90	16.2	0
10	QPSK	1	49	14.94	14.99	14.88		
10	QPSK	25	0	14.95	14.75	15.01		
10	QPSK	25	12	14.76	14.73	14.97	16.2	0
10	QPSK	25	25	15.01	14.95	14.89		
10	QPSK	50	0	14.89	14.89	14.87		
10	16QAM	1	0	14.97	14.93	14.83		
10	16QAM	1	25	14.98	14.94	14.99	16.2	0
10	16QAM	1	49	14.91	14.87	14.87		
10	16QAM	25	0	14.80	15.01	14.75		
10	16QAM	25	12	14.91	14.78	14.88	16.2	0
10	16QAM	25	25	14.93	14.94	14.71		
10	16QAM	50	0	14.87	14.83	15.01		
10	64QAM	1	0	14.84	14.92	15.02		
10	64QAM	1	25	14.91	14.88	14.74	16.2	0
10	64QAM	1	49	15.00	14.81	15.01		
10	64QAM	25	0	14.92	14.90	14.69		
10	64QAM	25	12	14.90	15.03	14.89	16.2	0
10	64QAM	25	25	14.82	14.77	14.99		
10	64QAM	50	0	14.69	14.89	14.74		
10	256QAM	1	0	14.85	14.98	14.86		
10	256QAM	1	25	15.09	14.73	15.07	16.2	0
10	256QAM	1	49	14.80	14.90	14.76		
10	256QAM	25	0	14.94	14.83	14.89		
10	256QAM	25	12	14.82	14.84	14.84	16.2	0
10	256QAM	25	25	14.99	15.00	14.89		
10	256QAM	50	0	14.87	14.87	14.84		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	14.98	15.11	14.91		
5	QPSK	1	12	14.73	14.83	14.87	16.2	0
5	QPSK	1	24	14.82	14.82	14.80		
5	QPSK	12	0	14.74	14.73	15.00		
5	QPSK	12	7	14.78	14.80	14.92	16.2	0
5	QPSK	12	13	15.07	14.80	14.71		
5	QPSK	25	0	14.81	14.95	14.85		
5	16QAM	1	0	14.90	14.95	14.86		
5	16QAM	1	12	15.04	15.08	15.01	16.2	0
5	16QAM	1	24	15.03	14.90	14.82		
5	16QAM	12	0	14.75	15.02	14.94		
5	16QAM	12	7	14.76	15.00	14.99	16.2	0
5	16QAM	12	13	15.05	15.04	14.84		
5	16QAM	25	0	14.71	14.77	15.03		
5	64QAM	1	0	14.86	15.00	14.93		
5	64QAM	1	12	14.97	14.89	14.78	16.2	0
5	64QAM	1	24	15.04	14.98	14.98		
5	64QAM	12	0	14.84	14.92	14.73		
5	64QAM	12	7	15.04	14.99	14.82	16.2	0
5	64QAM	12	13	14.85	14.74	15.06		
5	64QAM	25	0	14.82	14.92	14.84		
5	256QAM	1	0	14.94	14.79	14.79		
5	256QAM	1	12	14.90	14.74	14.89	16.2	0
5	256QAM	1	24	14.76	14.92	14.79		
5	256QAM	12	0	15.00	14.94	15.01		
5	256QAM	12	7	14.80	14.72	14.83	16.2	0
5	256QAM	12	13	14.97	14.95	14.96		
5	256QAM	25	0	14.78	14.79	14.95		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	15.43	15.49	15.42		
20	QPSK	1	49	15.28	15.34	15.36	16.7	0
20	QPSK	1	99	15.37	15.34	15.29		
20	QPSK	50	0	15.43	15.46	15.37		
20	QPSK	50	24	15.34	15.38	15.30	16.7	0
20	QPSK	50	50	15.42	15.40	15.29		
20	QPSK	100	0	15.39	15.44	15.36		
20	16QAM	1	0	15.47	15.29	15.44		
20	16QAM	1	49	15.44	15.30	15.30	16.7	0
20	16QAM	1	99	15.39	15.42	15.47		
20	16QAM	50	0	15.27	15.34	15.40		
20	16QAM	50	24	15.30	15.38	15.37	16.7	0
20	16QAM	50	50	15.28	15.32	15.47		
20	16QAM	100	0	15.36	15.47	15.34		
20	64QAM	1	0	15.33	15.32	15.27		
20	64QAM	1	49	15.31	15.33	15.34	16.7	0
20	64QAM	1	99	15.26	15.28	15.27		
20	64QAM	50	0	15.41	15.33	15.29		
20	64QAM	50	24	15.31	15.40	15.39	16.7	0
20	64QAM	50	50	15.45	15.28	15.26		
20	64QAM	100	0	15.26	15.33	15.48		
20	256QAM	1	0	15.36	15.43	15.32		
20	256QAM	1	49	15.37	15.27	15.38	16.7	0
20	256QAM	1	99	15.39	15.28	15.27		
20	256QAM	50	0	15.48	15.40	15.42		
20	256QAM	50	24	15.31	15.34	15.20	16.7	0
20	256QAM	50	50	15.30	15.39	15.47		
20	256QAM	100	0	15.36	15.43	15.47		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	15.35	15.43	15.27		
15	QPSK	1	37	15.19	15.23	15.33	16.7	0
15	QPSK	1	74	15.26	15.32	15.16		
15	QPSK	36	0	15.43	15.29	15.29		
15	QPSK	36	20	15.33	15.40	15.29	16.7	0
15	QPSK	36	39	15.43	15.21	15.15		
15	QPSK	75	0	15.26	15.43	15.33		
15	16QAM	1	0	15.45	15.30	15.35		
15	16QAM	1	37	15.39	15.27	15.27	16.7	0
15	16QAM	1	74	15.23	15.29	15.34		
15	16QAM	36	0	15.28	15.12	15.38		
15	16QAM	36	20	15.18	15.37	15.26	16.7	0
15	16QAM	36	39	15.28	15.23	15.35		
15	16QAM	75	0	15.33	15.27	15.14		
15	64QAM	1	0	15.14	15.20	15.26		
15	64QAM	1	37	15.35	15.27	15.33	16.7	0
15	64QAM	1	74	15.42	15.24	15.22		
15	64QAM	36	0	15.26	15.17	15.10		
15	64QAM	36	20	15.24	15.41	15.38	16.7	0
15	64QAM	36	39	15.44	15.11	15.19		
15	64QAM	75	0	15.22	15.27	15.30		
15	256QAM	1	0	15.17	15.23	15.11		
15	256QAM	1	37	15.29	15.29	15.36	16.7	0
15	256QAM	1	74	15.21	15.21	15.25		
15	256QAM	36	0	15.20	15.32	15.16		
15	256QAM	36	20	15.15	15.15	15.48	16.7	0
15	256QAM	36	39	15.11	15.25	15.23		
15	256QAM	75	0	15.23	15.28	15.27		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	15.33	15.34	15.28		
10	QPSK	1	25	15.08	15.13	15.20	16.7	0
10	QPSK	1	49	15.29	15.22	15.28		
10	QPSK	25	0	15.32	15.21	15.31		
10	QPSK	25	12	15.26	15.27	15.30	16.7	0
10	QPSK	25	25	15.36	15.31	15.08		
10	QPSK	50	0	15.41	15.40	15.21		
10	16QAM	1	0	15.38	15.26	15.25		
10	16QAM	1	25	15.32	15.29	15.24	16.7	0
10	16QAM	1	49	15.31	15.26	15.25		
10	16QAM	25	0	15.23	15.29

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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	17.24	17.32	17.09	18.2	0
20	QPSK	1	49	17.13	17.19	17.28		
20	QPSK	1	99	17.12	17.14	17.24		
20	QPSK	50	0	17.16	17.26	17.09	18.2	0
20	QPSK	50	24	17.12	17.19	17.21		
20	QPSK	50	50	17.23	17.03	17.13		
20	QPSK	100	0	17.16	17.25	17.14		
20	16QAM	1	0	17.17	17.10	17.31	18.2	0
20	16QAM	1	49	17.20	17.08	17.29		
20	16QAM	1	99	17.11	17.25	17.13		
20	16QAM	50	0	17.26	17.16	17.20	18.2	0
20	16QAM	50	24	17.23	17.16	17.16		
20	16QAM	50	50	17.31	17.26	17.23		
20	16QAM	100	0	17.22	17.18	17.14		
20	64QAM	1	0	17.22	17.25	17.17	18.2	0
20	64QAM	1	49	17.25	17.23	17.09		
20	64QAM	1	99	17.30	17.29	17.15		
20	64QAM	50	0	17.18	17.21	17.24	18.2	0
20	64QAM	50	24	17.18	17.23	17.20		
20	64QAM	50	50	17.31	17.19	17.10		
20	64QAM	100	0	17.28	17.23	17.16		
20	256QAM	1	0	17.29	17.25	17.31	18.2	0
20	256QAM	1	49	17.13	17.09	17.12		
20	256QAM	1	99	17.30	17.20	17.24		
20	256QAM	50	0	17.10	17.23	17.13	18.2	0
20	256QAM	50	24	17.20	17.15	17.22		
20	256QAM	50	50	17.18	17.29	17.08		
20	256QAM	100	0	17.30	17.29	17.15		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	17.15	17.15	17.05	18.2	0
15	QPSK	1	37	17.04	17.16	17.20		
15	QPSK	1	74	16.90	17.07	17.02		
15	QPSK	36	0	17.08	16.95	16.89	18.2	0
15	QPSK	36	20	16.92	17.26	17.04		
15	QPSK	36	39	17.23	17.22	17.14		
15	QPSK	75	0	17.15	17.06	17.27		
15	16QAM	1	0	17.14	17.01	17.22	18.2	0
15	16QAM	1	37	17.11	17.04	17.29		
15	16QAM	1	74	16.94	17.14	17.00		
15	16QAM	36	0	17.16	17.01	17.20	18.2	0
15	16QAM	36	20	17.05	17.07	17.18		
15	16QAM	36	39	17.25	17.26	17.08		
15	16QAM	75	0	17.21	17.10	17.16		
15	64QAM	1	0	17.23	17.18	17.14	18.2	0
15	64QAM	1	37	17.20	17.23	17.01		
15	64QAM	1	74	17.13	17.20	16.99		
15	64QAM	36	0	17.17	17.22	17.04	18.2	0
15	64QAM	36	20	16.96	17.03	17.08		
15	64QAM	36	39	17.15	17.03	16.93		
15	64QAM	75	0	17.07	17.10	17.12		
15	256QAM	1	0	17.12	17.11	17.31	18.2	0
15	256QAM	1	37	17.08	17.10	17.08		
15	256QAM	1	74	17.14	17.05	17.17		
15	256QAM	36	0	17.10	17.21	17.14	18.2	0
15	256QAM	36	20	17.16	17.03	17.02		
15	256QAM	36	39	16.99	17.23	17.04		
15	256QAM	75	0	17.25	17.11	16.99		
Channel				37600	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	17.04	17.07	16.90	18.2	0
10	QPSK	1	25	17.06	16.98	17.09		
10	QPSK	1	49	17.01	16.98	17.03		
10	QPSK	25	0	17.22	16.99	17.08	18.2	0
10	QPSK	25	12	17.03	17.02	17.01		
10	QPSK	25	25	17.13	17.11	17.15		
10	QPSK	50	0	17.10	17.09	17.20		
10	16QAM	1	0	17.05	17.04	17.19	18.2	0
10	16QAM	1	25	17.15	17.07	17.27		
10	16QAM	1	49	17.09	17.17	17.08		
10	16QAM	25	0	17.13	17.00	17.01	18.2	0
10	16QAM	25	12	17.02	17.09	17.12		
10	16QAM	25	25	17.14	17.13	17.24		
10	16QAM	50	0	17.16	17.11	16.97		
10	64QAM	1	0	17.23	17.14	17.10	18.2	0
10	64QAM	1	25	17.04	17.05	17.10		
10	64QAM	1	49	17.13	17.12	17.00		
10	64QAM	25	0	17.10	17.18	17.08	18.2	0
10	64QAM	25	12	17.07	17.18	17.21		
10	64QAM	25	25	17.18	17.00	16.93		
10	64QAM	50	0	17.16	17.12	17.16		
10	256QAM	1	0	17.17	17.20	17.10	18.2	0
10	256QAM	1	25	16.95	16.89	17.00		
10	256QAM	1	49	17.17	17.17	17.11		
10	256QAM	25	0	17.01	17.15	16.99	18.2	0
10	256QAM	25	12	17.09	17.14	17.18		
10	256QAM	25	25	16.97	17.20	17.02		
10	256QAM	50	0	17.23	17.27	17.06		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	17.13	17.26	17.03	18.2	0
5	QPSK	1	12	17.12	17.10	17.13		
5	QPSK	1	24	17.02	16.92	17.08		
5	QPSK	12	0	17.12	16.94	17.05	18.2	0
5	QPSK	12	7	17.00	17.18	17.13		
5	QPSK	12	13	17.17	17.20	16.94		
5	QPSK	25	0	17.01	17.27	17.18		
5	16QAM	1	0	17.10	16.98	17.27	18.2	0
5	16QAM	1	12	17.01	16.88	17.26		
5	16QAM	1	24	17.10	17.04	17.01		
5	16QAM	12	0	17.21	16.94	17.12	18.2	0
5	16QAM	12	7	17.22	16.95	17.16		
5	16QAM	12	13	17.21	17.14	17.22		
5	16QAM	25	0	17.08	16.97	17.12		
5	64QAM	1	0	17.20	17.07	16.98	18.2	0
5	64QAM	1	12	17.23	17.08	16.95		
5	64QAM	1	24	17.19	17.09	17.15		
5	64QAM	12	0	17.02	17.09	17.11	18.2	0
5	64QAM	12	7	17.00	17.04	17.07		
5	64QAM	12	13	17.16	17.03	17.12		
5	64QAM	25	0	17.20	17.21	17.10		
5	256QAM	1	0	17.08	17.11	17.20	18.2	0
5	256QAM	1	12	17.11	17.03	17.09		
5	256QAM	1	24	17.26	17.19	17.13		
5	256QAM	12	0	17.07	17.05	17.14	18.2	0
5	256QAM	12	7	17.16	17.08	17.24		
5	256QAM	12	13	17.13	17.11	16.93		
5	256QAM	25	0	17.25	17.20	16.96		

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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	17.37	17.29	17.38	17.20	17.27	18.2	0
20	QPSK	1	49	17.20	17.25	17.35	17.20	17.31		
20	QPSK	1	99	17.34	17.32	17.18	17.16	17.33		
20	QPSK	50	0	17.12	17.25	17.33	17.20	17.12	18.2	0
20	QPSK	50	24	17.16	17.10	17.26	17.20	17.27		
20	QPSK	50	50	17.20	17.14	17.23	17.16	17.23		
20	QPSK	100	0	17.15	17.12	17.24	17.17	17.19		
20	16QAM	1	0	17.32	17.15	17.34	17.34	17.34	18.2	0
20	16QAM	1	49	17.35	17.22	17.16	17.15	17.36		
20	16QAM	1	99	17.22	17.37	17.32	17.30	17.31		
20	16QAM	50	0	17.34	17.35	17.36	17.29	17.24	18.2	0
20	16QAM	50	24	17.37	17.31	17.25	17.27	17.34		
20	16QAM	50	50	17.33	17.17	17.32	17.15	17.36		
20	16QAM	100	0	17.21	17.23	17.25	17.25	17.25		
20	64QAM	1	0	17.31	17.37	17.32	17.15	17.29	18.2	0
20	64QAM	1	49	17.24	17.19	17.29	17.20	17.23		
20	64QAM	1	99	17.16	17.29	17.34	17.25	17.24		
20	64QAM	50	0	17.20	17.31	17.33	17.33	17.17	18.2	0
20	64QAM	50	24	17.30	17.26	17.25	17.28	17.23		
20	64QAM	50	50	17.35	17.31	17.31	17.34	17.22		
20	64QAM	100	0	17.17	17.35	17.31	17.29	17.25		
20	256QAM	1	0	17.21	17.30	17.32	17.22	17.16	18.2	0
20	256QAM	1	49	17.18	17.30	17.22	17.16	17.26		
20	256QAM	1	99	17.17	17.15	17.16	17.18	17.15		
20	256QAM	50	0	17.27	17.31	17.32	17.30	17.30	18.2	0
20	256QAM	50	24	17.25	17.35	17.24	17.36	17.30		
20	256QAM	50	50	17.29	17.34	17.31	17.25	17.37		
20	256QAM	100	0	17.27	17.35	17.31	17.17	17.24		
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	17.19	17.15	17.27	17.09	17.15	18.20	0
15	QPSK	1	37	17.13	17.08	17.26	17.04	17.18		
15	QPSK	1	74	17.20	17.21	17.10	17.14	17.32		
15	QPSK	36	0	17.22	17.13	17.25	17.32	16.97	18.2	0
15	QPSK	36	20	17.08	17.25	17.32	17.11	17.06		
15	QPSK	36	39	16.99	17.11	17.11	17.03	17.16		
15	QPSK	75	0	17.12	17.32	17.05	17.10	17.13		
15	16QAM	1	0	17.34	16.99	17.16	17.21	17.13	18.2	0
15	16QAM	1	37	17.37	17.04	16.95	16.95	17.37		
15	16QAM	1	74	17.19	17.18	17.30	17.25	17.18		
15	16QAM	36	0	17.21	17.30	17.36	17.21	17.03	18.2	0
15	16QAM	36	20	17.32	17.31	17.10	17.21	17.25		
15	16QAM	36	39	17.24	17.16	17.33	17.07	17.30		
15	16QAM	75	0	17.14	17.17	17.09	17.06	17.24		
15	64QAM	1	0	17.28	17.30	17.29	16.94	17.22	18.2	0
15	64QAM	1	37	17.24	17.08	17.15	17.15	17.07		
15	64QAM	1	74	17.12	17.12	17.16	17.16	17.26		
15	64QAM	36	0	17.02	17.20	17.13	17.14	17.00	18.2	0
15	64QAM	36	20	17.24	17.08	17.03	17.18	17.06		
15	64QAM	36	39	17.22	17.10	17.10	17.29	17.22		
15	64QAM	75	0	17.09	17.27	17.21	17.22	17.05		
15	256QAM	1	0	17.14	17.31	17.30	17.08	17.07	18.2	0
15	256QAM	1	37	17.05	17.19	17.17	17.18	17.22		
15	256QAM	1	74	17.00	17.16	17.16	16.97	17.10		
15	256QAM	36	0	17.25	17.29	17.25	17.12	17.25	18.2	0
15	256QAM	36	20	17.09	17.18	17.05	17.22	17.15		
15	256QAM	36	39	17.29	17.24	17.12	17.15	17.35		
15	256QAM	75	0	17.13	17.16	17.19	17.03	17.17		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	17.17	17.20	17.36	17.01	17.24	18.20	0
10	QPSK	1	25	17.09	17.11	17.32	17.21	17.24		
10	QPSK	1	49	17.27	17.32	16.99	17.16	17.24		
10	QPSK	25	0	17.20	17.11	17.09	17.27	17.12	18.2	0
10	QPSK	25	12	17.00	17.21	17.24	17.19	17.05		
10	QPSK	25	25	17.11	17.02	17.21	17.17	17.20		
10	QPSK	50	0	17.33	17.13	17.03	17.08	17.25		
10	16QAM	1	0	17.34	17.09	17.10	17.12	17.22	18.2	0
10	16QAM	1	25	17.30	17.10	16.97	16.96	17.37		
10	16QAM	1	49	17.07	17.34	17.12	17.23	17.16		
10	16QAM	25	0	17.26	17.35	17.36	17.31	17.20	18.2	0
10	16QAM	25	12	17.28	17.12	17.14	17.17	17.32		
10	16QAM	25	25	17.28	17.14	17.19	17.00	17.20		
10	16QAM	50	0	17.07	17.11	17.16	17.25	17.18		
10	64QAM	1	0	17.33	17.36	17.29	16.99	17.21	18.2	0
10	64QAM	1	25	17.04	17.09	17.30	17.11	17.20		
10	64QAM	1	49	17.05	17.15	17.30	17.26	17.07		
10	64QAM	25	0	17.21	17.31	17.19	17.17	17.10	18.2	0
10	64QAM	25	12	17.28	17.22	17.24	17.25	17.22		
10	64QAM	25	25	17.31	17.14	17.24	17.13	17.22		
10	64QAM	50	0	17.16	17.16	17.26	17.24	17.10		
10	256QAM	1	0	17.09	17.13	17.12	17.12	17.12	18.2	0
10	256QAM	1	25	17.11	17.27	17.09	17.23	17.23		
10	256QAM	1	49	17.05	17.08	17.00	16.98	17.02		
10	256QAM	25	0	17.19	17.30	17.30	17.15	17.13	18.2	0
10	256QAM	25	12	17.16	17.25	17.24	17.28	17.17		
10	256QAM	25	25	17.17	17.32	17.19	17.14	17.34		
10	256QAM	50	0	17.26	17.26	17.30	17.02	17.16		
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	17.15	17.27	17.29	17.03	17.21	18.20	0
5	QPSK	1	12	17.11	17.19	17.33	17.02	17.29		
5	QPSK	1	24	17.28	17.22	17.09	16.94	17.32		
5	QPSK	12	0	17.27	17.15	17.17	17.15	17.16	18.2	0
5	QPSK	12	7	17.13	17.15	17.17	17.23	17.09		
5	QPSK	12	13	17.00	17.14	17.13	17.01	17.23		
5	QPSK	25	0	17.14	17.27	17.07	17.14	17.13		
5	16QAM	1	0	17.15	17.09	17.01	17.27	17.31	18.2	0
5	16QAM	1	12	17.34	17.19	16.95	16.95	17.17		
5	16QAM	1	24	17.03	17.35	17.26	17.12	17.17		
5	16QAM	12	0	17.13	17.15	17.23	17.28	17.22	18.2	0
5	16QAM	12	7	17.23	17.27	17.03	17.05	17.19		
5	16QAM	12	13	17.27	17.07	17.27	16.95	17.32		
5	16QAM	25	0	17.01	17.02	17.25	17.23	17.15	18.2	0
5	64QAM	1	0	17.10	17.18	17.15	17.07	17.17		
5	64QAM	1	12	17.05	17.20	17.30	17.19	17.12		
5	64QAM	1	24	17.17	17.31	17.26	17.15	17.07		
5	64QAM	12	0	17.02	17.16	17.25	17.19	17.01	18.2	0
5	64QAM	12	7	17.31	17.21	17.12	17.09	17.16		
5	64QAM	12	13	17.16	17.23	17.33	17.15	17.10		
5	64QAM	25	0	17.07	17.34	17.32	17.26	17.13		
5	256QAM	1	0	17.05	17.26	17.27	17.17	17.02	18.2	0
5	256QAM	1	12	17.17	17.20	17.04	17.28	17.14		
5	256QAM	1	24	17.17	17.14	16.97	16.97	17.05		
5	256QAM	12	0	17.33	17.28	17.14	17.24	17.16	18.2	0
5	256QAM	12	7	17.17	17.13	17.19	17.29	17.30		
5	256QAM	12	13	17.15	17.30	17.31	17.13	17.28		
5	256QAM	25	0	17.06	17.19	17.25	17.10	17.25		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	18.59	18.72	18.71	19.2	0
20	QPSK	1	49	18.51	18.68	18.65		
20	QPSK	1	99	18.52	18.54	18.57		
20	QPSK	50	0	18.61	18.69	18.59	19.2	0
20	QPSK	50	24	18.56	18.52	18.53		
20	QPSK	50	50	18.57	18.59	18.49		
20	QPSK	100	0	18.60	18.67	18.63		
20	16QAM	1	0	18.69	18.69	18.70	19.2	0
20	16QAM	1	49	18.57	18.70	18.68		
20	16QAM	1	99	18.67	18.56	18.55		
20	16QAM	50	0	18.55	18.54	18.54	19.2	0
20	16QAM	50	24	18.53	18.60	18.70		
20	16QAM	50	50	18.65	18.68	18.61		
20	16QAM	100	0	18.58	18.51	18.69		
20	64QAM	1	0	18.70	18.52	18.68	19.2	0
20	64QAM	1	49	18.66	18.70	18.53		
20	64QAM	1	99	18.67	18.60	18.55		
20	64QAM	50	0	18.69	18.54	18.63	19.2	0
20	64QAM	50	24	18.54	18.56	18.66		
20	64QAM	50	50	18.66	18.50	18.54		
20	64QAM	100	0	18.60	18.59	18.60		
20	256QAM	1	0	18.59	18.42	18.63	19.2	0
20	256QAM	1	49	18.60	18.58	18.47		
20	256QAM	1	99	18.62	18.44	18.41		
20	256QAM	50	0	18.54	18.44	18.49	19.2	0
20	256QAM	50	24	18.40	18.52	18.63		
20	256QAM	50	50	18.51	18.33	18.47		
20	256QAM	100	0	18.46	18.48	18.43		
Channel				42165	42590	43015	Tune-up limit	MPR
Frequency (MHz)				3457.5	3500	3542.5	(dBm)	(dB)
15	QPSK	1	0	18.53	18.65	18.61	19.2	0
15	QPSK	1	37	18.34	18.58	18.57		
15	QPSK	1	74	18.41	18.39	18.40		
15	QPSK	36	0	18.58	18.62	18.44	19.2	0
15	QPSK	36	20	18.52	18.38	18.43		
15	QPSK	36	39	18.45	18.56	18.34		
15	QPSK	75	0	18.44	18.56	18.56		
15	16QAM	1	0	18.54	18.63	18.68	19.2	0
15	16QAM	1	37	18.54	18.67	18.53		
15	16QAM	1	74	18.52	18.49	18.44		
15	16QAM	36	0	18.44	18.48	18.36	19.2	0
15	16QAM	36	20	18.46	18.50	18.53		
15	16QAM	36	39	18.57	18.62	18.49		
15	16QAM	75	0	18.52	18.40	18.59		
15	64QAM	1	0	18.57	18.47	18.65	19.2	0
15	64QAM	1	37	18.59	18.55	18.45		
15	64QAM	1	74	18.63	18.43	18.47		
15	64QAM	36	0	18.63	18.36	18.55	19.2	0
15	64QAM	36	20	18.45	18.53	18.50		
15	64QAM	36	39	18.51	18.38	18.41		
15	64QAM	75	0	18.48	18.51	18.46		
15	256QAM	1	0	18.48	18.27	18.46	19.2	0
15	256QAM	1	37	18.54	18.47	18.40		
15	256QAM	1	74	18.57	18.35	18.31		
15	256QAM	36	0	18.45	18.33	18.43	19.2	0
15	256QAM	36	20	18.23	18.42	18.57		
15	256QAM	36	39	18.42	18.24	18.31		
15	256QAM	75	0	18.42	18.36	18.30		
Channel				42140	42590	43040	Tune-up limit	MPR
Frequency (MHz)				3455	3500	3545	(dBm)	(dB)
10	QPSK	1	0	18.47	18.66	18.56	19.2	0
10	QPSK	1	25	18.35	18.55	18.55		
10	QPSK	1	49	18.47	18.50	18.43		
10	QPSK	25	0	18.49	18.63	18.57	19.2	0
10	QPSK	25	12	18.47	18.40	18.45		
10	QPSK	25	25	18.44	18.46	18.45		
10	QPSK	50	0	18.54	18.52	18.53		
10	16QAM	1	0	18.58	18.64	18.65	19.2	0
10	16QAM	1	25	18.40	18.64	18.50		
10	16QAM	1	49	18.50	18.41	18.53		
10	16QAM	25	0	18.50	18.45	18.41	19.2	0
10	16QAM	25	12	18.38	18.47	18.59		
10	16QAM	25	25	18.59	18.60	18.50		
10	16QAM	50	0	18.50	18.49	18.59		
10	64QAM	1	0	18.67	18.38	18.64	19.2	0
10	64QAM	1	25	18.59	18.52	18.35		
10	64QAM	1	49	18.51	18.46	18.48		
10	64QAM	25	0	18.59	18.39	18.56	19.2	0
10	64QAM	25	12	18.41	18.48	18.54		
10	64QAM	25	25	18.61	18.42	18.44		
10	64QAM	50	0	18.57	18.55	18.55		
10	256QAM	1	0	18.56	18.24	18.58	19.2	0
10	256QAM	1	25	18.52	18.52	18.31		
10	256QAM	1	49	18.46	18.41	18.32		
10	256QAM	25	0	18.44	18.40	18.45	19.2	0
10	256QAM	25	12	18.31	18.41	18.46		
10	256QAM	25	25	18.48	18.22	18.30		
10	256QAM	50	0	18.43	18.37	18.35		
Channel				42115	42590	43065	Tune-up limit	MPR
Frequency (MHz)				3452.5	3500	3547.5	(dBm)	(dB)
5	QPSK	1	0	18.51	18.64	18.64	19.2	0
5	QPSK	1	12	18.46	18.59	18.62		
5	QPSK	1	24	18.45	18.40	18.52		
5	QPSK	12	0	18.57	18.66	18.47	19.2	0
5	QPSK	12	7	18.51	18.39	18.49		
5	QPSK	12	13	18.44	18.54	18.34		
5	QPSK	25	0	18.50	18.54	18.56		
5	16QAM	1	0	18.58	18.59	18.64	19.2	0
5	16QAM	1	12	18.40	18.56	18.52		
5	16QAM	1	24	18.62	18.47	18.53		
5	16QAM	12	0	18.41	18.46	18.42	19.2	0
5	16QAM	12	7	18.43	18.57	18.58		
5	16QAM	12	13	18.53	18.58	18.46		
5	16QAM	25	0	18.49	18.41	18.60		
5	64QAM	1	0	18.55	18.36	18.50	19.2	0
5	64QAM	1	12	18.53	18.53	18.39		
5	64QAM	1	24	18.49	18.51	18.48		
5	64QAM	12	0	18.55	18.46	18.54	19.2	0
5	64QAM	12	7	18.38	18.49	18.62		
5	64QAM	12	13	18.52	18.38	18.41		
5	64QAM	25	0	18.56	18.50	18.48		
5	256QAM	1	0	18.42	18.36	18.60	19.2	0
5	256QAM	1	12	18.55	18.48	18.42		
5	256QAM	1	24	18.57	18.34	18.24		
5	256QAM	12	0	18.50	18.34	18.44	19.2	0
5	256QAM	12	7	18.27	18.48	18.60		
5	256QAM	12	13	18.36	18.20	18.42		
5	256QAM	25	0	18.38	18.30	18.33		

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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	18.44	18.50	18.27	18.32	19.1	0
20	QPSK	1	49	18.32	18.41	18.39	18.38		
20	QPSK	1	99	18.23	18.28	18.35	18.39		
20	QPSK	50	0	18.31	18.49	18.34	18.26		
20	QPSK	50	24	18.35	18.26	18.27	18.27		
20	QPSK	50	50	18.39	18.32	18.25	18.40		
20	QPSK	100	0	18.23	18.34	18.22	18.26		
20	16QAM	1	0	18.28	18.34	18.41	18.34	19.1	0
20	16QAM	1	49	18.26	18.32	18.37	18.30		
20	16QAM	1	99	18.23	18.39	18.39	18.46		
20	16QAM	50	0	18.35	18.37	18.41	18.47	19.1	0
20	16QAM	50	24	18.32	18.43	18.39	18.32		
20	16QAM	50	50	18.25	18.47	18.36	18.37		
20	16QAM	100	0	18.22	18.43	18.33	18.27		
20	64QAM	1	0	18.36	18.49	18.39	18.38	19.1	0
20	64QAM	1	49	18.37	18.42	18.26	18.40		
20	64QAM	1	99	18.43	18.42	18.43	18.28		
20	64QAM	50	0	18.23	18.31	18.34	18.42	19.1	0
20	64QAM	50	24	18.30	18.33	18.39	18.40		
20	64QAM	50	50	18.31	18.30	18.45	18.43		
20	64QAM	100	0	18.36	18.44	18.23	18.35		
20	256QAM	1	0	18.42	18.45	18.33	18.31	19.1	0
20	256QAM	1	49	18.18	18.32	18.25	18.27		
20	256QAM	1	99	18.18	18.31	18.33	18.28		
20	256QAM	50	0	18.33	18.48	18.43	18.38	19.1	0
20	256QAM	50	24	18.36	18.41	18.34	18.26		
20	256QAM	50	50	18.21	18.36	18.28	18.32		
20	256QAM	100	0	18.34	18.46	18.38	18.40		
Channel				55315	55820	56160	56665	Tune-up limit	MPR
Frequency (MHz)				3557.5	3608	3642	3692.5	(dBm)	(dB)
15	QPSK	1	0	18.23	18.29	18.40	18.38	19.1	0
15	QPSK	1	37	18.10	18.19	18.30	18.26		
15	QPSK	1	74	18.02	18.21	18.17	18.23		
15	QPSK	36	0	18.22	18.10	18.32	18.25	19.1	0
15	QPSK	36	20	18.26	18.35	18.32	18.24		
15	QPSK	36	39	18.20	18.18	18.18	18.33		
15	QPSK	75	0	18.25	18.30	18.17	18.19		
15	16QAM	1	0	18.27	18.29	18.24	18.28	19.1	0
15	16QAM	1	37	18.24	18.30	18.11	18.33		
15	16QAM	1	74	18.04	18.35	18.10	18.39		
15	16QAM	36	0	18.35	18.28	18.35	18.35	19.1	0
15	16QAM	36	20	18.32	18.36	18.32	18.28		
15	16QAM	36	39	18.14	18.46	18.15	18.31		
15	16QAM	75	0	18.03	18.37	18.03	18.25		
15	64QAM	1	0	18.24	18.41	18.29	18.42	19.1	0
15	64QAM	1	37	18.17	18.36	18.33	18.26		
15	64QAM	1	74	18.24	18.22	18.39	18.36		
15	64QAM	36	0	18.17	18.21	18.09	18.20	19.1	0
15	64QAM	36	20	18.17	18.14	18.21	18.34		
15	64QAM	36	39	18.30	18.27	18.22	18.30		
15	64QAM	75	0	18.17	18.40	18.36	18.29		
15	256QAM	1	0	18.34	18.42	18.42	18.46	19.1	0
15	256QAM	1	37	18.04	18.27	18.15	18.10		
15	256QAM	1	74	17.99	18.17	18.16	18.12		
15	256QAM	36	0	18.31	18.33	18.29	18.27	19.1	0
15	256QAM	36	20	18.27	18.29	18.23	18.42		
15	256QAM	36	39	18.13	18.26	18.10	18.15		
15	256QAM	75	0	18.19	18.39	18.26	18.40		
Channel				55290	55815	56165	56690	Tune-up limit	MPR
Frequency (MHz)				3555	3607.5	3642.5	3695	(dBm)	(dB)
10	QPSK	1	0	18.41	18.48	18.42	18.28	19.1	0
10	QPSK	1	25	18.26	18.32	18.17	18.26		
10	QPSK	1	49	18.09	18.14	18.17	18.30		
10	QPSK	25	0	18.12	18.26	18.28	18.10	19.1	0
10	QPSK	25	12	18.31	18.41	18.14	18.40		
10	QPSK	25	25	18.28	18.29	18.40	18.29		
10	QPSK	50	0	18.13	18.36	18.18	18.22		
10	16QAM	1	0	18.16	18.12	18.12	18.21	19.1	0
10	16QAM	1	25	18.13	18.18	18.11	18.16		
10	16QAM	1	49	18.21	18.27	18.13	18.24		
10	16QAM	25	0	18.27	18.33	18.27	18.16	19.1	0
10	16QAM	25	12	18.29	18.42	18.33	18.36		
10	16QAM	25	25	18.14	18.28	18.18	18.43		
10	16QAM	50	0	18.03	18.41	18.10	18.38		
10	64QAM	1	0	18.31	18.32	18.21	18.43	19.1	0
10	64QAM	1	25	18.18	18.23	18.30	18.24		
10	64QAM	1	49	18.26	18.20	18.44	18.41		
10	64QAM	25	0	18.25	18.10	18.11	18.20	19.1	0
10	64QAM	25	12	18.15	18.25	18.11	18.26		
10	64QAM	25	25	18.13	18.09	18.11	18.29		
10	64QAM	50	0	18.21	18.44	18.31	18.22		
10	256QAM	1	0	18.35	18.47	18.31	18.41	19.1	0
10	256QAM	1	25	18.19	18.30	18.07	18.34		
10	256QAM	1	49	17.97	18.15	18.20	18.23		
10	256QAM	25	0	18.16	18.39	18.30	18.41	19.1	0
10	256QAM	25	12	18.37	18.37	18.33	18.26		
10	256QAM	25	25	18.17	18.35	18.22	18.18		
10	256QAM	50	0	18.27	18.39	18.16	18.40		
Channel				55265	55810	56170	56715	Tune-up limit	MPR
Frequency (MHz)				3552.5	3607	3643	3697.5	(dBm)	(dB)
5	QPSK	1	0	18.36	18.35	18.40	18.35	19.1	0
5	QPSK	1	12	18.15	18.36	18.14	18.33		
5	QPSK	1	24	18.03	18.13	18.03	18.13		
5	QPSK	12	0	18.23	18.06	18.10	18.10	19.1	0
5	QPSK	12	7	18.37	18.24	18.24	18.29		
5	QPSK	12	13	18.35	18.29	18.17	18.11		
5	QPSK	25	0	18.02	18.21	18.14	18.34		
5	16QAM	1	0	18.24	18.29	18.23	18.17	19.1	0
5	16QAM	1	12	18.28	18.14	18.16	18.32		
5	16QAM	1	24	18.05	18.31	18.22	18.30		
5	16QAM	12	0	18.36	18.34	18.21	18.33	19.1	0
5	16QAM	12	7	18.21	18.28	18.15	18.24		
5	16QAM	12	13	18.17	18.30	18.26	18.46		
5	16QAM	25	0	18.15	18.35	18.22	18.22		
5	64QAM	1	0	18.18	18.44	18.18	18.44	19.1	0
5	64QAM	1	12	18.20	18.40	18.37	18.31		
5	64QAM	1	24	18.33	18.42	18.26	18.37		
5	64QAM	12	0	18.01	18.25	18.03	18.29	19.1	0
5	64QAM	12	7	18.17	18.21	18.09	18.12		
5	64QAM	12	13	18.13	18.19	18.14	18.19		
5	64QAM	25	0	18.22	18.33	18.28	18.42		
5	256QAM	1	0	18.31	18.47	18.36	18.46	19.1	0
5	256QAM	1	12	18.18	18.17	18.17	18.12		
5	256QAM	1	24	17.98	18.15	18.17	18.11		
5	256QAM	12	0	18.18	18.46	18.15	18.27	19.1	0
5	256QAM	12	7	18.17	18.38	18.30	18.20		
5	256QAM	12	13	18.03	18.34	18.16	18.16		
5	256QAM	25	0	18.17	18.45	18.29	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				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	19.04	19.16	19.13	19.7	0
20	QPSK	1	49	19.01	18.99	18.88		
20	QPSK	1	99	18.89	18.98	18.78		
20	QPSK	50	0	18.92	19.03	18.95	19.7	0
20	QPSK	50	24	18.96	18.96	18.82		
20	QPSK	50	50	18.82	18.85	18.66		
20	QPSK	100	0	19.01	19.02	19.01		
20	16QAM	1	0	18.96	18.86	18.73	19.7	0
20	16QAM	1	49	18.80	18.95	18.69		
20	16QAM	1	99	18.99	19.05	19.09		
20	16QAM	50	0	18.91	18.91	18.85	19.7	0
20	16QAM	50	24	18.74	18.88	18.72		
20	16QAM	50	50	19.00	19.05	19.00		
20	16QAM	100	0	18.97	18.89	18.79		
20	64QAM	1	0	18.85	18.85	18.64	19.7	0
20	64QAM	1	49	18.99	19.03	19.08		
20	64QAM	1	99	18.85	18.83	18.73		
20	64QAM	50	0	18.71	18.85	18.76	19.7	0
20	64QAM	50	24	18.98	19.07	19.02		
20	64QAM	50	50	18.86	18.84	18.72		
20	64QAM	100	0	18.84	18.94	18.69		
20	256QAM	1	0	19.01	19.05	18.96	19.7	0
20	256QAM	1	49	18.96	18.83	18.77		
20	256QAM	1	99	18.75	18.92	18.72		
20	256QAM	50	0	18.96	19.13	19.07	19.7	0
20	256QAM	50	24	18.99	18.86	18.85		
20	256QAM	50	50	18.76	18.90	18.72		
20	256QAM	100	0	18.77	18.90	18.69		
Channel				42165	42590	43015	Tune-up limit	MPR
Frequency (MHz)				3457.5	3500	3542.5	(dBm)	(dB)
15	QPSK	1	0	18.91	19.14	19.10	19.7	0
15	QPSK	1	37	18.96	18.82	18.75		
15	QPSK	1	74	18.81	18.91	18.68		
15	QPSK	36	0	18.82	18.90	18.83	19.7	0
15	QPSK	36	20	18.84	18.81	18.73		
15	QPSK	36	39	18.74	18.80	18.64		
15	QPSK	75	0	18.88	18.89	18.98		
15	16QAM	1	0	18.86	18.76	18.67	19.7	0
15	16QAM	1	37	18.67	18.80	18.57		
15	16QAM	1	74	18.92	19.00	18.99		
15	16QAM	36	0	18.77	18.75	18.74	19.7	0
15	16QAM	36	20	18.71	18.84	18.70		
15	16QAM	36	39	18.91	18.95	18.91		
15	16QAM	75	0	18.83	18.78	18.72		
15	64QAM	1	0	18.82	18.78	18.59	19.7	0
15	64QAM	1	37	18.85	18.95	18.95		
15	64QAM	1	74	18.79	18.69	18.66		
15	64QAM	36	0	18.65	18.67	18.62	19.7	0
15	64QAM	36	20	18.83	18.95	18.93		
15	64QAM	36	39	18.71	18.68	18.54		
15	64QAM	75	0	18.67	18.84	18.56		
15	256QAM	1	0	18.92	18.92	18.85	19.7	0
15	256QAM	1	37	18.83	18.75	18.73		
15	256QAM	1	74	18.59	18.80	18.57		
15	256QAM	36	0	18.92	19.07	19.02	19.7	0
15	256QAM	36	20	18.88	18.78	18.74		
15	256QAM	36	39	18.71	18.67	18.70		
15	256QAM	75	0	18.62	18.87	18.61		
Channel				42140	42590	43040	Tune-up limit	MPR
Frequency (MHz)				3455	3500	3545	(dBm)	(dB)
10	QPSK	1	0	18.95	19.13	19.08	19.7	0
10	QPSK	1	25	18.95	18.88	18.78		
10	QPSK	1	49	18.84	18.82	18.64		
10	QPSK	25	0	18.80	18.91	18.82	19.7	0
10	QPSK	25	12	18.86	18.83	18.79		
10	QPSK	25	25	18.64	18.74	18.56		
10	QPSK	50	0	18.96	18.95	18.93		
10	16QAM	1	0	18.89	18.82	18.67	19.7	0
10	16QAM	1	25	18.65	18.91	18.66		
10	16QAM	1	49	18.93	18.95	18.97		
10	16QAM	25	0	18.83	18.84	18.76	19.7	0
10	16QAM	25	12	18.66	18.79	18.66		
10	16QAM	25	25	18.97	18.96	18.84		
10	16QAM	50	0	18.87	18.84	18.76		
10	64QAM	1	0	18.80	18.72	18.72	19.7	0
10	64QAM	1	25	18.87	18.85	19.05		
10	64QAM	1	49	18.77	18.70	18.62		
10	64QAM	25	0	18.57	18.73	18.69	19.7	0
10	64QAM	25	12	18.88	18.98	18.84		
10	64QAM	25	25	18.83	18.73	18.61		
10	64QAM	50	0	18.81	18.86	18.64		
10	256QAM	1	0	18.87	18.98	18.81	19.7	0
10	256QAM	1	25	18.87	18.71	18.67		
10	256QAM	1	49	18.70	18.80	18.69		
10	256QAM	25	0	18.87	19.05	19.04	19.7	0
10	256QAM	25	12	18.86	18.69	18.82		
10	256QAM	25	25	18.71	18.73	18.68		
10	256QAM	50	0	18.73	18.84	18.66		
Channel				42115	42590	43065	Tune-up limit	MPR
Frequency (MHz)				3452.5	3500	3547.5	(dBm)	(dB)
5	QPSK	1	0	18.99	19.05	18.97	19.7	0
5	QPSK	1	12	18.91	18.91	18.81		
5	QPSK	1	24	18.76	18.87	18.61		
5	QPSK	12	0	18.80	18.95	18.86	19.7	0
5	QPSK	12	7	18.79	18.86	18.79		
5	QPSK	12	13	18.69	18.78	18.50		
5	QPSK	25	0	18.89	18.88	18.90		
5	16QAM	1	0	18.81	18.72	18.57	19.7	0
5	16QAM	1	12	18.67	18.88	18.55		
5	16QAM	1	24	18.87	18.93	18.94		
5	16QAM	12	0	18.80	18.81	18.75	19.7	0
5	16QAM	12	7	18.57	18.76	18.56		
5	16QAM	12	13	18.89	18.91	18.88		
5	16QAM	25	0	18.91	18.79	18.76		
5	64QAM	1	0	18.80	18.73	18.51	19.7	0
5	64QAM	1	12	18.86	18.88	19.01		
5	64QAM	1	24	18.82	18.66	18.55		
5	64QAM	12	0	18.57	18.70	18.74	19.7	0
5	64QAM	12	7	18.91	18.99	18.92		
5	64QAM	12	13	18.84	18.80	18.55		
5	64QAM	25	0	18.71	18.77	18.67		
5	256QAM	1	0	18.85	18.99	18.83	19.7	0
5	256QAM	1	12	18.87	18.68	18.69		
5	256QAM	1	24	18.63	18.82	18.63		
5	256QAM	12	0	18.82	19.02	18.91	19.7	0
5	256QAM	12	7	18.96	18.79	18.70		
5	256QAM	12	13	18.58	18.74	18.57		
5	256QAM	25	0	18.68	18.87	18.56		

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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)				3560	3609	3641	3690		
20	QPSK	1	0	18.02	18.20	18.04	18.06	18.7	0
20	QPSK	1	49	17.95	18.13	18.03	18.06		
20	QPSK	1	99	18.00	18.00	18.04	17.96		
20	QPSK	50	0	17.95	18.15	17.89	18.03	18.7	0
20	QPSK	50	24	17.99	17.96	17.82	18.03		
20	QPSK	50	50	17.89	18.03	17.80	18.01		
20	QPSK	100	0	17.81	18.11	17.89	18.08		
20	16QAM	1	0	18.01	18.02	17.92	18.16	18.7	0
20	16QAM	1	49	17.89	18.03	17.93	18.09		
20	16QAM	1	99	17.89	18.10	17.88	17.97		
20	16QAM	50	0	17.92	17.97	17.96	17.94	18.7	0
20	16QAM	50	24	17.81	17.96	18.02	17.97		
20	16QAM	50	50	18.03	18.13	17.98	17.95		
20	16QAM	100	0	17.86	18.07	17.85	18.04		
20	64QAM	1	0	17.85	17.92	17.96	17.98	18.7	0
20	64QAM	1	49	17.86	18.02	17.97	17.93		
20	64QAM	1	99	17.86	18.14	17.92	18.12		
20	64QAM	50	0	17.88	17.98	17.93	17.95	18.7	0
20	64QAM	50	24	17.84	18.10	17.98	17.96		
20	64QAM	50	50	17.81	18.06	18.01	18.04		
20	64QAM	100	0	18.03	18.07	17.99	18.03		
20	256QAM	1	0	17.92	17.94	18.03	17.94	18.7	0
20	256QAM	1	49	17.83	17.94	17.96	18.09		
20	256QAM	1	99	17.90	18.10	17.84	18.01		
20	256QAM	50	0	17.89	17.98	18.03	18.13	18.7	0
20	256QAM	50	24	17.80	18.15	17.91	17.98		
20	256QAM	50	50	17.88	18.14	17.84	18.10		
20	256QAM	100	0	17.94	18.13	17.93	17.95		
Channel				55315	55820	56160	56665	Tune-up limit	MPR
Frequency (MHz)				3557.5	3608	3642	3692.5	(dBm)	(dB)
15	QPSK	1	0	17.84	18.11	17.85	18.04	18.7	0
15	QPSK	1	37	17.85	17.94	17.82	17.99		
15	QPSK	1	74	17.96	18.02	17.96	17.85		
15	QPSK	36	0	17.83	17.96	17.95	17.97	18.7	0
15	QPSK	36	20	18.01	18.09	17.86	17.98		
15	QPSK	36	39	17.79	17.87	17.75	18.04		
15	QPSK	75	0	17.80	17.96	17.72	18.05		
15	16QAM	1	0	17.91	18.02	18.01	18.04	18.7	0
15	16QAM	1	37	17.84	17.94	17.86	17.91		
15	16QAM	1	74	17.69	17.96	17.78	18.03		
15	16QAM	36	0	17.76	17.80	17.78	17.85	18.7	0
15	16QAM	36	20	17.64	17.75	17.68	17.89		
15	16QAM	36	39	18.00	18.04	17.89	18.14		
15	16QAM	75	0	17.78	17.94	17.79	17.96		
15	64QAM	1	0	17.74	17.86	17.87	17.90	18.7	0
15	64QAM	1	37	17.85	18.00	17.88	17.83		
15	64QAM	1	74	17.64	17.97	17.87	18.07		
15	64QAM	36	0	17.76	17.92	17.84	17.77	18.7	0
15	64QAM	36	20	17.68	18.02	17.66	18.03		
15	64QAM	36	39	17.75	17.97	17.88	17.97		
15	64QAM	75	0	17.85	18.03	17.84	18.07		
15	256QAM	1	0	17.94	17.81	17.83	17.86	18.7	0
15	256QAM	1	37	17.67	17.85	17.83	17.81		
15	256QAM	1	74	17.73	18.07	17.77	18.02		
15	256QAM	36	0	17.75	17.93	17.67	17.94	18.7	0
15	256QAM	36	20	17.74	17.97	17.81	17.94		
15	256QAM	36	39	17.70	17.94	17.83	17.98		
15	256QAM	75	0	17.92	17.92	17.94	18.11		
Channel				55290	55815	56165	56690	Tune-up limit	MPR
Frequency (MHz)				3555	3607.5	3642.5	3695	(dBm)	(dB)
10	QPSK	1	0	17.95	18.17	17.87	18.10	18.7	0
10	QPSK	1	25	17.91	18.08	17.79	18.00		
10	QPSK	1	49	17.91	17.79	17.97	18.02		
10	QPSK	25	0	17.78	17.90	17.95	17.81	18.7	0
10	QPSK	25	12	17.99	17.96	18.01	18.11		
10	QPSK	25	25	17.91	17.88	17.87	18.03		
10	QPSK	50	0	17.70	17.91	17.75	17.89		
10	16QAM	1	0	17.94	17.92	17.98	17.82	18.7	0
10	16QAM	1	25	17.78	17.87	17.86	17.94		
10	16QAM	1	49	17.88	18.00	17.78	18.00		
10	16QAM	25	0	17.83	17.98	17.85	17.76	18.7	0
10	16QAM	25	12	17.70	17.85	17.80	17.89		
10	16QAM	25	25	17.99	18.09	17.97	17.94		
10	16QAM	50	0	17.70	17.98	17.77	17.97		
10	64QAM	1	0	17.74	17.77	17.72	17.88	18.7	0
10	64QAM	1	25	17.84	18.01	17.67	17.83		
10	64QAM	1	49	17.76	18.15	17.87	18.14		
10	64QAM	25	0	17.78	17.89	17.68	17.95	18.7	0
10	64QAM	25	12	17.72	17.99	17.69	18.11		
10	64QAM	25	25	17.70	17.89	17.72	17.95		
10	64QAM	50	0	17.96	17.91	17.86	18.08		
10	256QAM	1	0	17.82	17.76	17.76	17.83	18.7	0
10	256QAM	1	25	17.62	17.80	17.63	17.80		
10	256QAM	1	49	17.83	17.94	17.78	17.97		
10	256QAM	25	0	17.84	17.96	17.78	17.96	18.7	0
10	256QAM	25	12	17.69	18.02	17.81	18.01		
10	256QAM	25	25	17.73	18.01	17.76	18.05		
10	256QAM	50	0	17.78	17.93	17.94	18.06		
Channel				55265	55810	56170	56715	Tune-up limit	MPR
Frequency (MHz)				3552.5	3607	3643	3697.5	(dBm)	(dB)
5	QPSK	1	0	18.00	18.20	17.88	18.08	18.7	0
5	QPSK	1	12	17.81	17.93	17.78	18.13		
5	QPSK	1	24	17.86	17.88	17.99	17.91		
5	QPSK	12	0	17.78	17.80	17.77	17.75	18.7	0
5	QPSK	12	7	17.96	18.13	17.89	18.11		
5	QPSK	12	13	17.79	17.86	17.70	17.82		
5	QPSK	25	0	17.66	17.90	17.83	17.94		
5	16QAM	1	0	17.98	17.92	17.86	17.92	18.7	0
5	16QAM	1	12	17.89	18.03	17.78	17.97		
5	16QAM	1	24	17.81	17.97	17.80	18.09		
5	16QAM	12	0	17.91	17.88	17.87	17.94	18.7	0
5	16QAM	12	7	17.62	17.80	17.73	17.77		
5	16QAM	12	13	17.82	17.99	17.96	18.15		
5	16QAM	25	0	17.77	17.98	17.65	17.98	18.7	0
5	64QAM	1	0	17.69	17.79	17.73	17.87		
5	64QAM	1	12	17.73	17.85	17.86	18.00		
5	64QAM	1	24	17.82	18.14	17.74	18.05		
5	64QAM	12	0	17.87	17.99	17.81	17.84	18.7	0
5	64QAM	12	7	17.72	18.06	17.80	18.06		
5	64QAM	12	13	17.78	17.89	17.70	18.01		
5	64QAM	25	0	17.84	18.00	17.90	17.87		
5	256QAM	1	0	17.73	17.91	17.76	17.77	18.7	0
5	256QAM	1	12	17.74	17.77	17.71	17.94		
5	256QAM	1	24	17.84	17.89	17.73	17.95		
5	256QAM	12	0	17.86	17.95	17.85	17.95	18.7	0
5	256QAM	12	7	17.70	18.14	17.70	17.98		
5	256QAM	12	13	17.76	18.04	17.84	18.10		
5	256QAM	25	0	17.94	18.05	17.74	18.03		

Other PA Full&Default power

Band 2 Ant6 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	24.39	24.42	24.31	25.4	0
20	QPSK	1	49	24.37	24.25	24.29		
20	QPSK	1	99	24.37	24.29	24.17		
20	QPSK	50	0	24.21	24.31	24.26	25.4	0
20	QPSK	50	24	24.30	24.23	24.29		
20	QPSK	50	50	24.23	24.26	24.25		
20	QPSK	100	0	24.23	24.30	24.27		
20	16QAM	1	0	24.08	24.03	24.07	25.4	0
20	16QAM	1	49	24.13	24.03	24.04		
20	16QAM	1	99	24.15	24.07	24.18		
20	16QAM	50	0	23.03	22.99	23.02	24.4	1
20	16QAM	50	24	23.08	22.96	23.07		
20	16QAM	50	50	23.19	22.98	23.10		
20	16QAM	100	0	23.03	22.95	23.07		
20	64QAM	1	0	23.04	22.94	23.06	24.4	1
20	64QAM	1	49	23.19	23.05	23.11		
20	64QAM	1	99	23.14	23.06	23.22		
20	64QAM	50	0	22.17	22.08	22.08	23.4	2
20	64QAM	50	24	22.16	22.06	22.03		
20	64QAM	50	50	22.11	22.09	22.01		
20	64QAM	100	0	22.22	22.12	22.26		
20	256QAM	1	0	19.32	19.34	19.35	20.4	5
20	256QAM	1	49	19.37	19.19	19.28		
20	256QAM	1	99	19.20	19.35	19.22		
20	256QAM	50	0	19.18	19.29	19.25	20.4	5
20	256QAM	50	24	19.32	19.17	19.39		
20	256QAM	50	50	19.12	19.38	19.31		
20	256QAM	100	0	19.12	19.17	19.15		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	24.08	24.30	24.10	25.4	0
15	QPSK	1	37	24.24	24.11	24.12		
15	QPSK	1	74	24.06	24.20	23.96		
15	QPSK	36	0	23.96	24.21	24.09	25.4	0
15	QPSK	36	20	24.19	23.99	24.19		
15	QPSK	36	39	24.00	24.16	23.99		
15	QPSK	75	0	23.96	24.06	24.18		
15	16QAM	1	0	23.90	23.80	23.89	25.4	0
15	16QAM	1	37	23.91	23.84	23.81		
15	16QAM	1	74	23.96	23.94	23.90		
15	16QAM	36	0	22.86	22.74	22.88	24.4	1
15	16QAM	36	20	22.80	22.66	22.95		
15	16QAM	36	39	23.06	22.87	22.97		
15	16QAM	75	0	22.77	22.79	22.87		
15	64QAM	1	0	22.80	22.64	22.96	24.4	1
15	64QAM	1	37	23.06	22.81	22.92		
15	64QAM	1	74	22.83	22.87	22.94		
15	64QAM	36	0	22.01	21.86	21.78	23.4	2
15	64QAM	36	20	22.01	21.96	21.76		
15	64QAM	36	39	21.87	21.89	21.87		
15	64QAM	75	0	22.02	22.01	22.15		
15	256QAM	1	0	19.21	19.05	19.12	20.4	5
15	256QAM	1	37	19.21	18.89	19.18		
15	256QAM	1	74	19.07	19.14	19.02		
15	256QAM	36	0	19.03	19.03	19.16	20.4	5
15	256QAM	36	20	19.18	18.95	19.14		
15	256QAM	36	39	18.86	19.12	19.18		
15	256QAM	75	0	18.88	19.03	18.97		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	24.23	24.24	24.04	25.4	0
10	QPSK	1	25	24.25	24.05	24.09		
10	QPSK	1	49	24.26	23.99	23.92		
10	QPSK	25	0	23.91	24.03	24.13	25.4	0
10	QPSK	25	12	24.09	24.14	24.09		
10	QPSK	25	25	24.14	24.06	24.14		
10	QPSK	50	0	24.12	24.20	24.04		
10	16QAM	1	0	23.84	23.78	23.80	25.4	0
10	16QAM	1	25	23.92	23.77	23.80		
10	16QAM	1	49	24.01	23.98	24.03		
10	16QAM	25	0	22.77	22.83	22.73	24.4	1
10	16QAM	25	12	22.99	22.79	22.90		
10	16QAM	25	25	23.04	22.70	22.94		
10	16QAM	50	0	22.79	22.78	22.96		
10	64QAM	1	0	22.79	22.72	22.82	24.4	1
10	64QAM	1	25	23.08	22.92	22.92		
10	64QAM	1	49	23.03	22.94	22.97		
10	64QAM	25	0	22.03	21.95	21.84	23.4	2
10	64QAM	25	12	22.00	21.74	21.93		
10	64QAM	25	25	21.85	22.00	21.80		
10	64QAM	50	0	22.01	21.89	22.14		
10	256QAM	1	0	19.03	19.21	19.22	20.4	5
10	256QAM	1	25	19.15	19.03	19.01		
10	256QAM	1	49	18.96	19.06	19.04		
10	256QAM	25	0	18.92	19.05	18.99	20.4	5
10	256QAM	25	12	19.22	19.04	19.12		
10	256QAM	25	25	18.88	19.15	19.20		
10	256QAM	50	0	18.93	19.07	18.88		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	24.10	24.23	24.18	25.4	0
5	QPSK	1	12	24.24	24.01	24.00		
5	QPSK	1	24	24.15	24.16	23.89		
5	QPSK	12	0	23.92	24.13	24.14	25.4	0
5	QPSK	12	7	24.05	23.92	24.19		
5	QPSK	12	13	23.93	24.10	24.06		
5	QPSK	25	0	23.99	24.12	24.09		
5	16QAM	1	0	23.78	23.87	23.94	25.4	0
5	16QAM	1	12	23.89	23.93	23.92		
5	16QAM	1	24	23.99	23.88	24.08		
5	16QAM	12	0	22.77	22.77	22.90	24.4	1
5	16QAM	12	7	22.92	22.73	22.78		
5	16QAM	12	13	22.89	22.78	22.81		
5	16QAM	25	0	22.76	22.70	22.79		
5	64QAM	1	0	22.78	22.75	22.89	24.4	1
5	64QAM	1	12	22.90	22.88	22.85		
5	64QAM	1	24	22.93	22.84	22.94		
5	64QAM	12	0	21.91	21.94	21.96	23.4	2
5	64QAM	12	7	21.88	21.78	21.79		
5	64QAM	12	13	21.91	21.86	21.79		
5	64QAM	25	0	21.94	21.95	22.11		
5	256QAM	1	0	19.19	19.18	19.25	20.4	5
5	256QAM	1	12	19.14	19.01	19.00		
5	256QAM	1	24	19.05	19.21	19.00		
5	256QAM	12	0	18.89	19.19	18.94	20.4	5
5	256QAM	12	7	19.14	18.96	19.12		
5	256QAM	12	13	18.94	19.19	19.14		
5	256QAM	25	0	19.03	19.03	19.04		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	24.15	24.30	24.02	25.4	0
3	QPSK	1	8	24.26	24.10	24.17		
3	QPSK	1	14	24.27	23.99	24.00		
3	QPSK	8	0	23.93	24.17	24.14	25.4	0
3	QPSK	8	4	24.05	23.96	24.12		
3	QPSK	8	7	24.13	24.09	24.01		
3	QPSK	15	0	24.05	24.18	24.12		
3	16QAM	1	0	23.80	23.77	23.79	25.4	0
3	16QAM	1	8	23.83	23.88	23.75		
3	16QAM	1	14	23.89	23.83	24.04		
3	16QAM	8	0	22.76	22.88	22.91	24.4	1
3	16QAM	8	4	22.82	22.71	22.82		
3	16QAM	8	7	23.07	22.82	22.96		
3	16QAM	15	0	22.76	22.69	22.87		
3	64QAM	1	0	22.93	22.74	22.81	24.4	1
3	64QAM	1	8	22.90	22.80	22.94		
3	64QAM	1	14	22.91	22.87	23.11		
3	64QAM	8	0	22.02	21.89	21.79	23.4	2
3	64QAM	8	4	22.06	21.83	21.86		
3	64QAM	8	7	21.99	21.86	21.72		
3	64QAM	15	0	22.00	21.92	22.12		
3	256QAM	1	0	19.18	19.21	19.05	20.4	5
3	256QAM	1	8	19.18	19.01	19.01		
3	256QAM	1	14	18.94	19.25	18.93		
3	256QAM	8	0	19.08	19.08	18.98	20.4	5
3	256QAM	8	4	19.09	19.07	19.19		
3	256QAM	8	7	18.87	19.17	19.20		
3	256QAM	15	0	18.83	18.99	18.85		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	24.26	24.13	24.14	25.4	0
1.4	QPSK	1	3	24.21	24.07	23.99		
1.4	QPSK	1	5	24.24	24.01	23.88		
1.4	QPSK	3	0	24.11	24.04	24.01		
1.4	QPSK	3	1	24.06	24.02	24.17		
1.4	QPSK	3	3	24.05	24.06	24.13		
1.4	QPSK	6	0	24.01	24.20	24.14	25.4	0
1.4	16QAM	1	0	23.92	23.77	23.88	25.4	0
1.4	16QAM	1	3	23.96	23.89	23.81		
1.4	16QAM	1	5	23.93	23.93	23.94		
1.4	16QAM	3	0	23.94	23.72	23.76		
1.4	16QAM	3	1	23.85	23.75	23.75		
1.4	16QAM	3	3	23.98	23.80	23.98		
1.4	16QAM	6	0	22.75	22.69	22.79	24.4	1
1.4	64QAM	1	0	22.75	22.73	22.89	24.4	1
1.4	64QAM	1	3	22.98	22.92	23.01		
1.4	64QAM	1	5	22.99	22.89	23.08		
1.4	64QAM	3	0	22.86	22.79	22.95		
1.4	64QAM	3	1	22.80	22.67	22.81		
1.4	64QAM	3	3	23.00	22.89	22.82		
1.4	64QAM	6	0	21.99	21.98	22.08	23.4	2
1.4	256QAM	1	0	19.04	19.14	19.15	20.4	5
1.4	256QAM	1	3	19.15	18.94	19.18		
1.4	256QAM	1	5	18.97	19.22	18.94		
1.4	256QAM	3	0	18.90	18.99	19.00		
1.4	256QAM	3	1	19.07	18.89	19.18		
1.4	256QAM	3	3	18.93	19.12	19.13		
1.4	256QAM	6	0	18.90	19.00	18.93	20.4	5

Other PA Reduced Power Mode for DSI1

Band 2 Ant6 DSI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	14.85	14.95	14.91	15.9	0
20	QPSK	1	49	14.82	14.81	14.81		
20	QPSK	1	99	14.88	14.84	14.63		
20	QPSK	50	0	14.61	14.71	14.69	15.9	0
20	QPSK	50	24	14.68	14.68	14.70		
20	QPSK	50	50	14.69	14.67	14.70		
20	QPSK	100	0	14.61	14.69	14.62		
20	16QAM	1	0	14.81	14.84	14.67	15.9	0
20	16QAM	1	49	14.77	14.74	14.72		
20	16QAM	1	99	14.79	14.67	14.53		
20	16QAM	50	0	14.53	14.59	14.65	15.9	0
20	16QAM	50	24	14.57	14.55	14.61		
20	16QAM	50	50	14.55	14.61	14.65		
20	16QAM	100	0	14.45	14.54	14.56		
20	64QAM	1	0	14.68	14.81	14.62	15.9	0
20	64QAM	1	49	14.76	14.70	14.70		
20	64QAM	1	99	14.77	14.68	14.56		
20	64QAM	50	0	14.46	14.66	14.60	15.9	0
20	64QAM	50	24	14.62	14.52	14.58		
20	64QAM	50	50	14.64	14.54	14.66		
20	64QAM	100	0	14.58	14.59	14.45		
20	256QAM	1	0	14.72	14.80	14.65	15.9	0
20	256QAM	1	49	14.67	14.76	14.70		
20	256QAM	1	99	14.72	14.76	14.57		
20	256QAM	50	0	14.56	14.65	14.55	15.9	0
20	256QAM	50	24	14.62	14.53	14.55		
20	256QAM	50	50	14.65	14.56	14.65		
20	256QAM	100	0	14.54	14.63	14.48		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	14.68	14.80	14.64	15.9	0
15	QPSK	1	37	14.73	14.68	14.74		
15	QPSK	1	74	14.78	14.81	14.56		
15	QPSK	36	0	14.48	14.64	14.60	15.9	0
15	QPSK	36	20	14.54	14.56	14.63		
15	QPSK	36	39	14.55	14.57	14.59		
15	QPSK	75	0	14.53	14.62	14.48		
15	16QAM	1	0	14.71	14.76	14.51	15.9	0
15	16QAM	1	37	14.68	14.64	14.56		
15	16QAM	1	74	14.64	14.62	14.42		
15	16QAM	36	0	14.39	14.50	14.62	15.9	0
15	16QAM	36	20	14.49	14.50	14.49		
15	16QAM	36	39	14.45	14.49	14.60		
15	16QAM	75	0	14.38	14.40	14.45		
15	64QAM	1	0	14.56	14.70	14.56	15.9	0
15	64QAM	1	37	14.61	14.59	14.59		
15	64QAM	1	74	14.71	14.59	14.50		
15	64QAM	36	0	14.29	14.61	14.53	15.9	0
15	64QAM	36	20	14.52	14.36	14.47		
15	64QAM	36	39	14.52	14.50	14.59		
15	64QAM	75	0	14.44	14.51	14.29		
15	256QAM	1	0	14.59	14.65	14.52	15.9	0
15	256QAM	1	37	14.60	14.73	14.65		
15	256QAM	1	74	14.56	14.60	14.48		
15	256QAM	36	0	14.45	14.54	14.41	15.9	0
15	256QAM	36	20	14.47	14.37	14.40		
15	256QAM	36	39	14.61	14.40	14.53		
15	256QAM	75	0	14.48	14.53	14.32		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	14.78	14.81	14.65	15.9	0
10	QPSK	1	25	14.69	14.68	14.66		
10	QPSK	1	49	14.82	14.78	14.55		
10	QPSK	25	0	14.55	14.63	14.58	15.9	0
10	QPSK	25	12	14.60	14.57	14.61		
10	QPSK	25	25	14.57	14.60	14.65		
10	QPSK	50	0	14.47	14.57	14.47		
10	16QAM	1	0	14.73	14.77	14.53	15.9	0
10	16QAM	1	25	14.74	14.60	14.69		
10	16QAM	1	49	14.63	14.54	14.44		
10	16QAM	25	0	14.37	14.53	14.60	15.9	0
10	16QAM	25	12	14.49	14.42	14.48		
10	16QAM	25	25	14.42	14.50	14.61		
10	16QAM	50	0	14.35	14.47	14.41		
10	64QAM	1	0	14.57	14.67	14.57	15.9	0
10	64QAM	1	25	14.63	14.56	14.55		
10	64QAM	1	49	14.72	14.52	14.49		
10	64QAM	25	0	14.38	14.59	14.47	15.9	0
10	64QAM	25	12	14.47	14.36	14.48		
10	64QAM	25	25	14.57	14.41	14.51		
10	64QAM	50	0	14.51	14.52	14.28		
10	256QAM	1	0	14.65	14.74	14.53	15.9	0
10	256QAM	1	25	14.59	14.73	14.55		
10	256QAM	1	49	14.64	14.70	14.44		
10	256QAM	25	0	14.52	14.53	14.46	15.9	0
10	256QAM	25	12	14.57	14.47	14.50		
10	256QAM	25	25	14.54	14.46	14.60		
10	256QAM	50	0	14.43	14.59	14.37		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	14.79	14.79	14.56	15.9	0
5	QPSK	1	12	14.76	14.72	14.67		
5	QPSK	1	24	14.73	14.78	14.49		
5	QPSK	12	0	14.57	14.60	14.55	15.9	0
5	QPSK	12	7	14.51	14.61	14.64		
5	QPSK	12	13	14.63	14.54	14.61		
5	QPSK	25	0	14.53	14.57	14.53		
5	16QAM	1	0	14.65	14.75	14.53	15.9	0
5	16QAM	1	12	14.66	14.61	14.62		
5	16QAM	1	24	14.71	14.63	14.43		
5	16QAM	12	0	14.48	14.47	14.61	15.9	0
5	16QAM	12	7	14.52	14.44	14.56		
5	16QAM	12	13	14.45	14.49	14.61		
5	16QAM	25	0	14.32	14.38	14.48		
5	64QAM	1	0	14.54	14.70	14.59	15.9	0
5	64QAM	1	12	14.62	14.58	14.54		
5	64QAM	1	24	14.69	14.62	14.44		
5	64QAM	12	0	14.34	14.49	14.53	15.9	0
5	64QAM	12	7	14.51	14.37	14.45		
5	64QAM	12	13	14.59	14.40	14.50		
5	64QAM	25	0	14.44	14.56	14.31		
5	256QAM	1	0	14.62	14.65	14.53	15.9	0
5	256QAM	1	12	14.52	14.68	14.66		
5	256QAM	1	24	14.64	14.61	14.52		
5	256QAM	12	0	14.50	14.58	14.38	15.9	0
5	256QAM	12	7	14.45	14.49	14.44		
5	256QAM	12	13	14.56	14.49	14.52		
5	256QAM	25	0	14.41	14.57	14.44		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	14.75	14.85	14.61	15.9	0
3	QPSK	1	8	14.65	14.67	14.68		
3	QPSK	1	14	14.77	14.68	14.59		
3	QPSK	8	0	14.48	14.62	14.52	15.9	0
3	QPSK	8	4	14.62	14.62	14.55		
3	QPSK	8	7	14.53	14.64	14.57		
3	QPSK	15	0	14.53	14.58	14.47		
3	16QAM	1	0	14.66	14.70	14.62	15.9	0
3	16QAM	1	8	14.64	14.66	14.63		
3	16QAM	1	14	14.67	14.59	14.46		
3	16QAM	8	0	14.49	14.55	14.61	15.9	0
3	16QAM	8	4	14.51	14.41	14.57		
3	16QAM	8	7	14.52	14.50	14.51		
3	16QAM	15	0	14.39	14.42	14.45		
3	64QAM	1	0	14.57	14.64	14.56	15.9	0
3	64QAM	1	8	14.71	14.53	14.66		
3	64QAM	1	14	14.70	14.63	14.45		
3	64QAM	8	0	14.34	14.61	14.46	15.9	0
3	64QAM	8	4	14.47	14.46	14.53		
3	64QAM	8	7	14.55	14.48	14.59		
3	64QAM	15	0	14.47	14.49	14.28		
3	256QAM	1	0	14.60	14.67	14.61	15.9	0
3	256QAM	1	8	14.63	14.65	14.55		
3	256QAM	1	14	14.56	14.60	14.51		
3	256QAM	8	0	14.43	14.54	14.52	15.9	0
3	256QAM	8	4	14.56	14.39	14.50		
3	256QAM	8	7	14.58	14.53	14.54		
3	256QAM	15	0	14.51	14.57	14.42		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	14.75	14.91	14.55	15.9	0
1.4	QPSK	1	3	14.78	14.75	14.70		
1.4	QPSK	1	5	14.76	14.69	14.52		
1.4	QPSK	3	0	14.54	14.60	14.58		
1.4	QPSK	3	1	14.60	14.51	14.58		
1.4	QPSK	3	3	14.53	14.63	14.63		
1.4	QPSK	6	0	14.45	14.56	14.53	15.9	0
1.4	16QAM	1	0	14.77	14.73	14.61	15.9	0
1.4	16QAM	1	3	14.62	14.69	14.63		
1.4	16QAM	1	5	14.70	14.51	14.49		
1.4	16QAM	3	0	14.44	14.48	14.56		
1.4	16QAM	3	1	14.46	14.44	14.51		
1.4	16QAM	3	3	14.42	14.54	14.59		
1.4	16QAM	6	0	14.33	14.37	14.42	15.9	0
1.4	64QAM	1	0	14.54	14.78	14.46	15.9	0
1.4	64QAM	1	3	14.68	14.66	14.58		
1.4	64QAM	1	5	14.63	14.61	14.46		
1.4	64QAM	3	0	14.41	14.56	14.46		
1.4	64QAM	3	1	14.48	14.49	14.41		
1.4	64QAM	3	3	14.55	14.48	14.50		
1.4	64QAM	6	0	14.47	14.54	14.35	15.9	0
1.4	256QAM	1	0	14.59	14.70	14.53	15.9	0
1.4	256QAM	1	3	14.58	14.72	14.62		
1.4	256QAM	1	5	14.59	14.67	14.44		
1.4	256QAM	3	0	14.49	14.50	14.50		
1.4	256QAM	3	1	14.47	14.39	14.41		
1.4	256QAM	3	3	14.55	14.42	14.52		
1.4	256QAM	6	0	14.40	14.58	14.37	15.9	0

Other PA Reduced Power Mode for DSI3

Band 2 Ant6 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	20.40	20.50	20.34	21.4	0
20	QPSK	1	49	20.31	20.38	20.37		
20	QPSK	1	99	20.27	20.26	20.14		
20	QPSK	50	0	20.28	20.34	20.17	21.4	0
20	QPSK	50	24	20.32	20.21	20.24		
20	QPSK	50	50	20.18	20.22	20.22		
20	QPSK	100	0	20.20	20.26	20.20		
20	16QAM	1	0	20.17	20.08	20.12	21.4	0
20	16QAM	1	49	20.12	19.93	20.13		
20	16QAM	1	99	20.15	20.17	20.29		
20	16QAM	50	0	20.28	20.49	20.43	21.4	0
20	16QAM	50	24	20.45	20.40	20.43		
20	16QAM	50	50	20.28	20.20	20.26		
20	16QAM	100	0	20.38	20.35	20.21	21.4	0
20	64QAM	1	0	20.11	20.38	20.34		
20	64QAM	1	49	20.29	20.33	20.27		
20	64QAM	1	99	20.34	20.31	20.23		
20	64QAM	50	0	20.25	20.25	20.31	21.4	0
20	64QAM	50	24	19.99	19.91	20.04		
20	64QAM	50	50	20.20	20.08	20.00		
20	64QAM	100	0	20.06	20.07	20.28		
20	256QAM	1	0	19.32	19.34	19.35	20.4	1
20	256QAM	1	49	19.37	19.19	19.28		
20	256QAM	1	99	19.20	19.35	19.22		
20	256QAM	50	0	19.18	19.29	19.25	20.4	1
20	256QAM	50	24	19.32	19.17	19.39		
20	256QAM	50	50	19.12	19.38	19.31		
20	256QAM	100	0	19.12	19.17	19.15		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	20.32	20.36	20.08	21.4	0
15	QPSK	1	37	20.12	20.09	20.09		
15	QPSK	1	74	20.07	20.16	19.97		
15	QPSK	36	0	20.06	20.21	19.87	21.4	0
15	QPSK	36	20	20.21	20.24	19.93		
15	QPSK	36	39	20.10	20.05	19.92		
15	QPSK	75	0	20.07	20.18	20.05		
15	16QAM	1	0	19.90	19.81	19.88	21.4	0
15	16QAM	1	37	19.87	19.71	19.88		
15	16QAM	1	74	19.93	19.99	20.05		
15	16QAM	36	0	20.16	20.33	20.29	21.4	0
15	16QAM	36	20	20.12	20.24	20.14		
15	16QAM	36	39	20.06	20.05	20.05		
15	16QAM	75	0	20.22	20.09	19.92		
15	64QAM	1	0	19.87	20.10	20.23	21.4	0
15	64QAM	1	37	20.08	20.23	20.16		
15	64QAM	1	74	20.09	20.09	20.09		
15	64QAM	36	0	20.05	20.08	20.09	21.4	0
15	64QAM	36	20	19.85	19.82	19.80		
15	64QAM	36	39	19.98	19.98	19.81		
15	64QAM	75	0	19.80	19.91	20.17		
15	256QAM	1	0	19.21	19.05	19.12	20.4	1
15	256QAM	1	37	19.21	18.89	19.18		
15	256QAM	1	74	19.07	19.14	19.02		
15	256QAM	36	0	19.03	19.03	19.16	20.4	1
15	256QAM	36	20	19.18	18.85	19.14		
15	256QAM	36	39	18.86	19.12	19.18		
15	256QAM	75	0	18.88	19.03	18.97		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	20.14	20.24	20.22	21.4	0
10	QPSK	1	25	20.12	20.10	20.08		
10	QPSK	1	49	20.04	20.14	19.99		
10	QPSK	25	0	20.19	20.12	19.95	21.4	0
10	QPSK	25	12	20.03	20.22	19.93		
10	QPSK	25	25	19.93	20.11	19.97		
10	QPSK	50	0	19.90	20.13	20.01	21.4	0
10	16QAM	1	0	20.06	19.81	19.87		
10	16QAM	1	25	19.82	19.86	20.02		
10	16QAM	1	49	19.85	20.09	20.01		
10	16QAM	25	0	20.19	20.25	20.29	21.4	0
10	16QAM	25	12	20.26	20.45	20.32		
10	16QAM	25	25	20.06	20.08	20.11		
10	16QAM	50	0	20.19	20.21	19.96		
10	64QAM	1	0	19.82	20.20	20.04	21.4	0
10	64QAM	1	25	20.07	20.08	20.04		
10	64QAM	1	49	20.15	20.19	19.91		
10	64QAM	25	0	20.17	20.05	20.12	21.4	0
10	64QAM	25	12	19.78	19.76	19.93		
10	64QAM	25	25	19.91	19.78	19.86		
10	64QAM	50	0	19.96	19.99	20.17		
10	256QAM	1	0	19.03	19.21	19.22	20.4	1
10	256QAM	1	25	19.15	19.03	19.01		
10	256QAM	1	49	18.96	19.06	19.04		
10	256QAM	25	0	18.92	19.05	18.99	20.4	1
10	256QAM	25	12	19.22	19.04	19.12		
10	256QAM	25	25	18.88	19.15	19.20		
10	256QAM	50	0	18.93	19.07	18.88		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	20.22	20.30	20.26	21.4	0
5	QPSK	1	12	20.22	20.22	20.18		
5	QPSK	1	24	20.02	19.98	20.07		
5	QPSK	12	0	19.98	20.21	19.94	21.4	0
5	QPSK	12	7	20.07	20.12	20.14		
5	QPSK	12	13	19.86	19.90	20.07		
5	QPSK	25	0	20.04	20.06	20.05		
5	16QAM	1	0	20.04	19.97	19.92	21.4	0
5	16QAM	1	12	20.00	19.83	19.90		
5	16QAM	1	24	19.99	19.95	20.04		
5	16QAM	12	0	20.04	20.23	20.35	21.4	0
5	16QAM	12	7	20.21	20.41	20.35		
5	16QAM	12	13	20.19	20.08	20.01		
5	16QAM	25	0	20.10	20.09	20.02		
5	64QAM	1	0	19.84	20.31	20.08	21.4	0
5	64QAM	1	12	20.09	20.07	20.17		
5	64QAM	1	24	20.18	20.07	20.12		
5	64QAM	12	0	19.97	20.17	20.03	21.4	0
5	64QAM	12	7	19.80	19.76	19.83		
5	64QAM	12	13	20.03	19.80	19.68		
5	64QAM	25	0	19.77	19.93	19.98		
5	256QAM	1	0	19.19	19.18	19.25	20.4	1
5	256QAM	1	12	19.14	19.01	19.00		
5	256QAM	1	24	19.05	19.21	19.00		
5	256QAM	12	0	18.89	19.19	18.94	20.4	1
5	256QAM	12	7	19.14	18.96	19.12		
5	256QAM	12	13	18.94	19.19	19.14		
5	256QAM	25	0	19.03	19.03	19.04		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	20.17	20.26	20.18	21.4	0
3	QPSK	1	8	20.11	20.25	20.29		
3	QPSK	1	14	19.97	20.17	20.01		
3	QPSK	8	0	20.05	20.13	20.01	21.4	0
3	QPSK	8	4	20.10	20.23	20.12		
3	QPSK	8	7	19.91	19.99	19.92		
3	QPSK	15	0	19.94	20.10	20.07		
3	16QAM	1	0	19.84	19.83	19.99	21.4	0
3	16QAM	1	8	19.95	19.82	19.90		
3	16QAM	1	14	19.96	19.88	20.18		
3	16QAM	8	0	20.10	20.18	20.10	21.4	0
3	16QAM	8	4	20.26	20.45	20.24		
3	16QAM	8	7	20.17	19.96	20.04		
3	16QAM	15	0	20.14	20.21	19.88		
3	64QAM	1	0	19.90	20.31	20.15	21.4	0
3	64QAM	1	8	20.13	20.16	20.14		
3	64QAM	1	14	20.20	20.04	20.04		
3	64QAM	8	0	20.08	19.97	19.98	21.4	0
3	64QAM	8	4	19.80	19.60	19.84		
3	64QAM	8	7	20.02	19.89	19.82		
3	64QAM	15	0	19.89	19.93	20.08		
3	256QAM	1	0	19.18	19.21	19.05	20.4	1
3	256QAM	1	8	19.18	19.01	19.01		
3	256QAM	1	14	18.94	19.25	18.93		
3	256QAM	8	0	19.08	19.08	18.98	20.4	1
3	256QAM	8	4	19.09	19.07	19.19		
3	256QAM	8	7	18.87	19.17	19.20		
3	256QAM	15	0	18.83	18.99	18.85		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	20.08	20.21	20.24	21.4	0
1.4	QPSK	1	3	20.00	20.14	20.15		
1.4	QPSK	1	5	20.04	20.09	19.82		
1.4	QPSK	3	0	19.99	20.13	20.00		
1.4	QPSK	3	1	20.03	20.15	20.06		
1.4	QPSK	3	3	20.06	19.92	19.93		
1.4	QPSK	6	0	19.98	20.06	20.06	21.4	0
1.4	16QAM	1	0	19.93	19.89	19.80	21.4	0
1.4	16QAM	1	3	19.88	19.82	19.80		
1.4	16QAM	1	5	19.84	20.09	20.10		
1.4	16QAM	3	0	20.12	20.22	20.19		
1.4	16QAM	3	1	20.26	20.21	20.19		
1.4	16QAM	3	3	19.98	19.91	20.08		
1.4	16QAM	6	0	20.07	20.03	20.00	21.4	0
1.4	64QAM	1	0	19.82	20.05	20.06	21.4	0
1.4	64QAM	1	3	20.06	20.18	20.06		
1.4	64QAM	1	5	20.19	20.18	20.05		
1.4	64QAM	3	0	20.04	19.95	20.20		
1.4	64QAM	3	1	19.77	19.80	19.76		
1.4	64QAM	3	3	20.08	19.90	19.82		
1.4	64QAM	6	0	19.80	19.96	20.01	21.4	0
1.4	256QAM	1	0	19.04	19.14	19.15	20.4	1
1.4	256QAM	1	3	19.15	18.94	19.18		
1.4	256QAM	1	5	18.97	19.22	18.94		
1.4	256QAM	3	0	18.90	18.99	19.00		
1.4	256QAM	3	1	19.07	18.89	19.18		
1.4	256QAM	3	3	18.93	19.12	19.13		
1.4	256QAM	6	0	18.90	19.00	18.93	20.4	1

Other PA Reduced Power Mode for DSI4

Band 2 Ant6 DSI4

BW [MHz]	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	20.40	20.50	20.34	21.4	0
20	QPSK	1	49	20.31	20.38	20.37		
20	QPSK	1	99	20.27	20.26	20.14		
20	QPSK	50	0	20.28	20.34	20.17	21.4	0
20	QPSK	50	24	20.32	20.21	20.24		
20	QPSK	50	50	20.18	20.22	20.22		
20	QPSK	100	0	20.20	20.26	20.20		
20	16QAM	1	0	20.17	20.08	20.12	21.4	0
20	16QAM	1	49	20.12	19.93	20.13		
20	16QAM	1	99	20.15	20.17	20.29		
20	16QAM	50	0	20.28	20.49	20.43	21.4	0
20	16QAM	50	24	20.45	20.40	20.43		
20	16QAM	50	50	20.28	20.20	20.26		
20	16QAM	100	0	20.38	20.35	20.21	21.4	0
20	64QAM	1	0	20.11	20.38	20.34		
20	64QAM	1	49	20.29	20.33	20.27		
20	64QAM	1	99	20.34	20.31	20.23		
20	64QAM	50	0	20.25	20.25	20.31	21.4	0
20	64QAM	50	24	19.99	19.91	20.04		
20	64QAM	50	50	20.20	20.08	20.00		
20	64QAM	100	0	20.06	20.07	20.28		
20	256QAM	1	0	19.32	19.34	19.35	20.4	1
20	256QAM	1	49	19.37	19.19	19.28		
20	256QAM	1	99	19.20	19.35	19.22		
20	256QAM	50	0	19.18	19.29	19.25	20.4	1
20	256QAM	50	24	19.32	19.17	19.39		
20	256QAM	50	50	19.12	19.38	19.31		
20	256QAM	100	0	19.12	19.17	19.15		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	20.32	20.36	20.08	21.4	0
15	QPSK	1	37	20.12	20.09	20.09		
15	QPSK	1	74	20.07	20.16	19.97		
15	QPSK	36	0	20.06	20.21	19.87	21.4	0
15	QPSK	36	20	20.21	20.24	19.93		
15	QPSK	36	39	20.10	20.05	19.92		
15	QPSK	75	0	20.07	20.18	20.05		
15	16QAM	1	0	19.90	19.81	19.88	21.4	0
15	16QAM	1	37	19.87	19.71	19.88		
15	16QAM	1	74	19.93	19.99	20.05		
15	16QAM	36	0	20.16	20.33	20.29	21.4	0
15	16QAM	36	20	20.12	20.24	20.14		
15	16QAM	36	39	20.06	20.05	20.05		
15	16QAM	75	0	20.22	20.09	19.92		
15	64QAM	1	0	19.87	20.10	20.23	21.4	0
15	64QAM	1	37	20.08	20.23	20.16		
15	64QAM	1	74	20.09	20.09	20.09		
15	64QAM	36	0	20.05	20.08	20.09	21.4	0
15	64QAM	36	20	19.85	19.82	19.80		
15	64QAM	36	39	19.98	19.98	19.81		
15	64QAM	75	0	19.80	19.91	20.17		
15	256QAM	1	0	19.21	19.05	19.12	20.4	1
15	256QAM	1	37	19.21	18.89	19.18		
15	256QAM	1	74	19.07	19.14	19.02		
15	256QAM	36	0	19.03	19.03	19.16	20.4	1
15	256QAM	36	20	19.18	18.95	19.14		
15	256QAM	36	39	18.86	19.12	19.18		
15	256QAM	75	0	18.88	19.03	18.97		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	20.14	20.24	20.22	21.4	0
10	QPSK	1	25	20.12	20.10	20.08		
10	QPSK	1	49	20.04	20.14	19.99		
10	QPSK	25	0	20.19	20.12	19.95	21.4	0
10	QPSK	25	12	20.03	20.22	19.93		
10	QPSK	25	25	19.93	20.11	19.97		
10	QPSK	50	0	19.90	20.13	20.01	21.4	0
10	16QAM	1	0	20.06	19.81	19.87		
10	16QAM	1	25	19.82	19.86	20.02		
10	16QAM	1	49	19.85	20.09	20.01		
10	16QAM	25	0	20.19	20.25	20.29	21.4	0
10	16QAM	25	12	20.26	20.45	20.32		
10	16QAM	25	25	20.06	20.08	20.11		
10	16QAM	50	0	20.19	20.21	19.96		
10	64QAM	1	0	19.82	20.20	20.04	21.4	0
10	64QAM	1	25	20.07	20.08	20.04		
10	64QAM	1	49	20.15	20.19	19.91		
10	64QAM	25	0	20.17	20.05	20.12	21.4	0
10	64QAM	25	12	19.78	19.76	19.93		
10	64QAM	25	25	19.91	19.78	19.86		
10	64QAM	50	0	19.96	19.99	20.17		
10	256QAM	1	0	19.03	19.21	19.22	20.4	1
10	256QAM	1	25	19.15	19.03	19.01		
10	256QAM	1	49	18.96	19.06	19.04		
10	256QAM	25	0	18.92	19.05	18.99	20.4	1
10	256QAM	25	12	19.22	19.04	19.12		
10	256QAM	25	25	18.88	19.15	19.20		
10	256QAM	50	0	18.93	19.07	18.88		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	20.22	20.30	20.26	21.4	0
5	QPSK	1	12	20.22	20.22	20.18		
5	QPSK	1	24	20.02	19.98	20.07		
5	QPSK	12	0	19.98	20.21	19.94	21.4	0
5	QPSK	12	7	20.07	20.12	20.14		
5	QPSK	12	13	19.86	19.90	20.07		
5	QPSK	25	0	20.04	20.06	20.05		
5	16QAM	1	0	20.04	19.97	19.92	21.4	0
5	16QAM	1	12	20.00	19.83	19.90		
5	16QAM	1	24	19.99	19.95	20.04		
5	16QAM	12	0	20.04	20.23	20.35	21.4	0
5	16QAM	12	7	20.21	20.41	20.35		
5	16QAM	12	13	20.19	20.08	20.01		
5	16QAM	25	0	20.10	20.09	20.02		
5	64QAM	1	0	19.84	20.31	20.08	21.4	0
5	64QAM	1	12	20.09	20.07	20.17		
5	64QAM	1	24	20.18	20.07	20.12		
5	64QAM	12	0	19.97	20.17	20.03	21.4	0
5	64QAM	12	7	19.80	19.76	19.83		
5	64QAM	12	13	20.03	19.80	19.68		
5	64QAM	25	0	19.77	19.93	19.98		
5	256QAM	1	0	19.19	19.18	19.25	20.4	1
5	256QAM	1	12	19.14	19.01	19.00		
5	256QAM	1	24	19.05	19.21	19.00		
5	256QAM	12	0	18.89	19.19	18.94	20.4	1
5	256QAM	12	7	19.14	18.96	19.12		
5	256QAM	12	13	18.94	19.19	19.14		
5	256QAM	25	0	19.03	19.03	19.04		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	20.17	20.26	20.18	21.4	0
3	QPSK	1	8	20.11	20.25	20.29		
3	QPSK	1	14	19.97	20.17	20.01		
3	QPSK	8	0	20.05	20.13	20.01	21.4	0
3	QPSK	8	4	20.10	20.23	20.12		
3	QPSK	8	7	19.91	19.99	19.92		
3	QPSK	15	0	19.94	20.10	20.07		
3	16QAM	1	0	19.84	19.83	19.99	21.4	0
3	16QAM	1	8	19.95	19.82	19.90		
3	16QAM	1	14	19.96	19.88	20.18		
3	16QAM	8	0	20.10	20.18	20.10	21.4	0
3	16QAM	8	4	20.26	20.45	20.24		
3	16QAM	8	7	20.17	19.96	20.04		
3	16QAM	15	0	20.14	20.21	19.88		
3	64QAM	1	0	19.90	20.31	20.15	21.4	0
3	64QAM	1	8	20.13	20.16	20.14		
3	64QAM	1	14	20.20	20.04	20.04		
3	64QAM	8	0	20.08	19.97	19.98	21.4	0
3	64QAM	8	4	19.80	19.60	19.84		
3	64QAM	8	7	20.02	19.89	19.82		
3	64QAM	15	0	19.89	19.93	20.08		
3	256QAM	1	0	19.18	19.21	19.05	20.4	1
3	256QAM	1	8	19.18	19.01	19.01		
3	256QAM	1	14	18.94	19.25	18.93		
3	256QAM	8	0	19.08	19.08	18.98	20.4	1
3	256QAM	8	4	19.09	19.07	19.19		
3	256QAM	8	7	18.87	19.17	19.20		
3	256QAM	15	0	18.83	18.99	18.85		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	20.08	20.21	20.24	21.4	0
1.4	QPSK	1	3	20.00	20.14	20.15		
1.4	QPSK	1	5	20.04	20.09	19.82		
1.4	QPSK	3	0	19.99	20.13	20.00		
1.4	QPSK	3	1	20.03	20.15	20.06		
1.4	QPSK	3	3	20.06	19.92	19.93		
1.4	QPSK	6	0	19.98	20.06	20.06	21.4	0
1.4	16QAM	1	0	19.93	19.89	19.80	21.4	0
1.4	16QAM	1	3	19.88	19.82	19.80		
1.4	16QAM	1	5	19.84	20.09	20.10		
1.4	16QAM	3	0	20.12	20.22	20.19		
1.4	16QAM	3	1	20.26	20.21	20.19		
1.4	16QAM	3	3	19.98	19.91	20.08		
1.4	16QAM	6	0	20.07	20.03	20.00	21.4	0
1.4	64QAM	1	0	19.82	20.05	20.06	21.4	0
1.4	64QAM	1	3	20.06	20.18	20.06		
1.4	64QAM	1	5	20.19	20.18	20.05		
1.4	64QAM	3	0	20.04	19.95	20.20		
1.4	64QAM	3	1	19.77	19.80	19.76		
1.4	64QAM	3	3	20.08	19.90	19.82		
1.4	64QAM	6	0	19.80	19.96	20.01	21.4	0
1.4	256QAM	1	0	19.04	19.14	19.15	20.4	1
1.4	256QAM	1	3	19.15	18.94	19.18		
1.4	256QAM	1	5	18.97	19.22	18.94		
1.4	256QAM	3	0	18.90	18.99	19.00		
1.4	256QAM	3	1	19.07	18.89	19.18		
1.4	256QAM	3	3	18.93	19.12	19.13		
1.4	256QAM	6	0	18.90	19.00	18.93	20.4	1

Other PA Reduced Power Mode for DSI5

Band 2 Ant6 DSI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	14.85	14.95	14.91	15.9	0
20	QPSK	1	49	14.82	14.81	14.81		
20	QPSK	1	99	14.88	14.84	14.63		
20	QPSK	50	0	14.61	14.71	14.69	15.9	0
20	QPSK	50	24	14.68	14.68	14.70		
20	QPSK	50	50	14.69	14.67	14.70		
20	QPSK	100	0	14.61	14.69	14.62		
20	16QAM	1	0	14.81	14.84	14.67	15.9	0
20	16QAM	1	49	14.77	14.74	14.72		
20	16QAM	1	99	14.79	14.67	14.53		
20	16QAM	50	0	14.53	14.59	14.65	15.9	0
20	16QAM	50	24	14.57	14.55	14.61		
20	16QAM	50	50	14.55	14.61	14.65		
20	16QAM	100	0	14.45	14.54	14.56		
20	64QAM	1	0	14.68	14.81	14.62	15.9	0
20	64QAM	1	49	14.76	14.70	14.70		
20	64QAM	1	99	14.77	14.68	14.56		
20	64QAM	50	0	14.46	14.66	14.60	15.9	0
20	64QAM	50	24	14.62	14.52	14.58		
20	64QAM	50	50	14.64	14.54	14.66		
20	64QAM	100	0	14.58	14.59	14.45		
20	256QAM	1	0	14.72	14.80	14.65	15.9	0
20	256QAM	1	49	14.67	14.76	14.70		
20	256QAM	1	99	14.72	14.76	14.57		
20	256QAM	50	0	14.56	14.65	14.55	15.9	0
20	256QAM	50	24	14.62	14.53	14.55		
20	256QAM	50	50	14.65	14.56	14.65		
20	256QAM	100	0	14.54	14.63	14.48		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	14.68	14.80	14.64	15.9	0
15	QPSK	1	37	14.73	14.68	14.74		
15	QPSK	1	74	14.78	14.81	14.56		
15	QPSK	36	0	14.48	14.64	14.60	15.9	0
15	QPSK	36	20	14.54	14.56	14.63		
15	QPSK	36	39	14.55	14.57	14.59		
15	QPSK	75	0	14.53	14.62	14.48		
15	16QAM	1	0	14.71	14.76	14.51	15.9	0
15	16QAM	1	37	14.68	14.64	14.56		
15	16QAM	1	74	14.64	14.62	14.42		
15	16QAM	36	0	14.39	14.50	14.62	15.9	0
15	16QAM	36	20	14.49	14.50	14.49		
15	16QAM	36	39	14.45	14.49	14.60		
15	16QAM	75	0	14.38	14.40	14.45		
15	64QAM	1	0	14.56	14.70	14.56	15.9	0
15	64QAM	1	37	14.61	14.59	14.59		
15	64QAM	1	74	14.71	14.59	14.50		
15	64QAM	36	0	14.29	14.61	14.53	15.9	0
15	64QAM	36	20	14.52	14.36	14.47		
15	64QAM	36	39	14.52	14.50	14.59		
15	64QAM	75	0	14.44	14.51	14.29		
15	256QAM	1	0	14.59	14.65	14.52	15.9	0
15	256QAM	1	37	14.60	14.73	14.65		
15	256QAM	1	74	14.56	14.60	14.48		
15	256QAM	36	0	14.45	14.54	14.41	15.9	0
15	256QAM	36	20	14.47	14.37	14.40		
15	256QAM	36	39	14.61	14.40	14.53		
15	256QAM	75	0	14.48	14.53	14.32		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	14.78	14.81	14.65	15.9	0
10	QPSK	1	25	14.69	14.68	14.66		
10	QPSK	1	49	14.82	14.78	14.55		
10	QPSK	25	0	14.55	14.63	14.58	15.9	0
10	QPSK	25	12	14.60	14.57	14.61		
10	QPSK	25	25	14.57	14.60	14.65		
10	QPSK	50	0	14.47	14.57	14.47		
10	16QAM	1	0	14.73	14.77	14.53	15.9	0
10	16QAM	1	25	14.74	14.60	14.69		
10	16QAM	1	49	14.63	14.54	14.44		
10	16QAM	25	0	14.37	14.53	14.60	15.9	0
10	16QAM	25	12	14.49	14.42	14.48		
10	16QAM	25	25	14.42	14.50	14.61		
10	16QAM	50	0	14.35	14.47	14.41		
10	64QAM	1	0	14.57	14.67	14.57	15.9	0
10	64QAM	1	25	14.63	14.56	14.55		
10	64QAM	1	49	14.72	14.52	14.49		
10	64QAM	25	0	14.38	14.59	14.47	15.9	0
10	64QAM	25	12	14.47	14.36	14.48		
10	64QAM	25	25	14.57	14.41	14.51		
10	64QAM	50	0	14.51	14.52	14.28		
10	256QAM	1	0	14.65	14.74	14.53	15.9	0
10	256QAM	1	25	14.59	14.73	14.55		
10	256QAM	1	49	14.64	14.70	14.44		
10	256QAM	25	0	14.52	14.53	14.46	15.9	0
10	256QAM	25	12	14.57	14.47	14.50		
10	256QAM	25	25	14.54	14.46	14.60		
10	256QAM	50	0	14.43	14.59	14.37		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	14.79	14.79	14.56	15.9	0
5	QPSK	1	12	14.76	14.72	14.67		
5	QPSK	1	24	14.73	14.78	14.49		
5	QPSK	12	0	14.57	14.60	14.55	15.9	0
5	QPSK	12	7	14.51	14.61	14.64		
5	QPSK	12	13	14.63	14.54	14.61		
5	QPSK	25	0	14.53	14.57	14.53		
5	16QAM	1	0	14.65	14.75	14.53	15.9	0
5	16QAM	1	12	14.66	14.61	14.62		
5	16QAM	1	24	14.71	14.63	14.43		
5	16QAM	12	0	14.48	14.47	14.61	15.9	0
5	16QAM	12	7	14.52	14.44	14.56		
5	16QAM	12	13	14.45	14.49	14.61		
5	16QAM	25	0	14.32	14.38	14.48		
5	64QAM	1	0	14.54	14.70	14.59	15.9	0
5	64QAM	1	12	14.62	14.58	14.54		
5	64QAM	1	24	14.69	14.62	14.44		
5	64QAM	12	0	14.34	14.49	14.53	15.9	0
5	64QAM	12	7	14.51	14.37	14.45		
5	64QAM	12	13	14.59	14.40	14.50		
5	64QAM	25	0	14.44	14.56	14.31		
5	256QAM	1	0	14.62	14.65	14.53	15.9	0
5	256QAM	1	12	14.52	14.68	14.66		
5	256QAM	1	24	14.64	14.61	14.52		
5	256QAM	12	0	14.50	14.58	14.38	15.9	0
5	256QAM	12	7	14.45	14.49	14.44		
5	256QAM	12	13	14.56	14.49	14.52		
5	256QAM	25	0	14.41	14.57	14.44		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	14.75	14.85	14.61	15.9	0
3	QPSK	1	8	14.65	14.67	14.68		
3	QPSK	1	14	14.77	14.68	14.59		
3	QPSK	8	0	14.48	14.62	14.52	15.9	0
3	QPSK	8	4	14.62	14.62	14.55		
3	QPSK	8	7	14.53	14.64	14.57		
3	QPSK	15	0	14.53	14.58	14.47		
3	16QAM	1	0	14.66	14.70	14.62	15.9	0
3	16QAM	1	8	14.64	14.66	14.63		
3	16QAM	1	14	14.67	14.59	14.46		
3	16QAM	8	0	14.49	14.55	14.61	15.9	0
3	16QAM	8	4	14.51	14.41	14.57		
3	16QAM	8	7	14.52	14.50	14.51		
3	16QAM	15	0	14.39	14.42	14.45		
3	64QAM	1	0	14.57	14.64	14.56	15.9	0
3	64QAM	1	8	14.71	14.53	14.66		
3	64QAM	1	14	14.70	14.63	14.45		
3	64QAM	8	0	14.34	14.61	14.46	15.9	0
3	64QAM	8	4	14.47	14.46	14.53		
3	64QAM	8	7	14.55	14.48	14.59		
3	64QAM	15	0	14.47	14.49	14.28		
3	256QAM	1	0	14.60	14.67	14.61	15.9	0
3	256QAM	1	8	14.63	14.65	14.55		
3	256QAM	1	14	14.56	14.60	14.51		
3	256QAM	8	0	14.43	14.54	14.52	15.9	0
3	256QAM	8	4	14.56	14.39	14.50		
3	256QAM	8	7	14.58	14.53	14.54		
3	256QAM	15	0	14.51	14.57	14.42		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	14.75	14.91	14.55	15.9	0
1.4	QPSK	1	3	14.78	14.75	14.70		
1.4	QPSK	1	5	14.76	14.69	14.52		
1.4	QPSK	3	0	14.54	14.60	14.58		
1.4	QPSK	3	1	14.60	14.51	14.58		
1.4	QPSK	3	3	14.53	14.63	14.63		
1.4	QPSK	6	0	14.45	14.56	14.53	15.9	0
1.4	16QAM	1	0	14.77	14.73	14.61	15.9	0
1.4	16QAM	1	3	14.62	14.69	14.63		
1.4	16QAM	1	5	14.70	14.51	14.49		
1.4	16QAM	3	0	14.44	14.48	14.56		
1.4	16QAM	3	1	14.46	14.44	14.51		
1.4	16QAM	3	3	14.42	14.54	14.59		
1.4	16QAM	6	0	14.33	14.37	14.42	15.9	0
1.4	64QAM	1	0	14.54	14.78	14.46	15.9	0
1.4	64QAM	1	3	14.68	14.66	14.58		
1.4	64QAM	1	5	14.63	14.61	14.46		
1.4	64QAM	3	0	14.41	14.56	14.46		
1.4	64QAM	3	1	14.48	14.49	14.41		
1.4	64QAM	3	3	14.55	14.48	14.50		
1.4	64QAM	6	0	14.47	14.54	14.35	15.9	0
1.4	256QAM	1	0	14.59	14.70	14.53	15.9	0
1.4	256QAM	1	3	14.58	14.72	14.62		
1.4	256QAM	1	5	14.59	14.67	14.44		
1.4	256QAM	3	0	14.49	14.50	14.50		
1.4	256QAM	3	1	14.47	14.39	14.41		
1.4	256QAM	3	3	14.55	14.42	14.52		
1.4	256QAM	6	0	14.40	14.58	14.37	15.9	0

Uplink CA Power

Ant0 Full Power&DSI1&4

CA_7C								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
20850	21048	QPSK	1	99	1	0	22.47	24.00
21100	21298	QPSK	1	99	1	0	22.56	24.00
21350	21152	QPSK	1	0	1	99	22.45	24.00
20850	21048	QPSK	50	50	50	0	22.41	24.00
21100	21298	QPSK	50	50	50	0	22.49	24.00
21350	21152	QPSK	50	0	50	50	22.34	24.00

Ant3 Full Power&DSI1&DSI4

CA_7C								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
20850	21048	QPSK	1	99	1	0	23.92	24.70
21100	21298	QPSK	1	99	1	0	24.03	24.70
21350	21152	QPSK	1	0	1	99	23.96	24.70
20850	21048	QPSK	50	50	50	0	23.81	24.70
21100	21298	QPSK	50	50	50	0	23.93	24.70
21350	21152	QPSK	50	0	50	50	23.82	24.70

Ant4 Full Power&DSI4

CA_7C								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
20850	21048	QPSK	1	99	1	0	23.87	24.70
21100	21298	QPSK	1	99	1	0	24.04	24.70
21350	21152	QPSK	1	0	1	99	23.95	24.70
20850	21048	QPSK	50	50	50	0	23.82	24.70
21100	21298	QPSK	50	50	50	0	24.01	24.70
21350	21152	QPSK	50	0	50	50	23.89	24.70

Ant6 Full Power

CA_7C								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
20850	21048	QPSK	1	99	1	0	23.37	24.70
21100	21298	QPSK	1	99	1	0	23.42	24.70
21350	21152	QPSK	1	0	1	99	23.33	24.70
20850	21048	QPSK	50	50	50	0	23.22	24.70
21100	21298	QPSK	50	50	50	0	23.31	24.70
21350	21152	QPSK	50	0	50	50	23.17	24.70

Ant0 Full Power

CA_38C								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
37850	38048	QPSK	1	99	1	0	22.03	23.20
37901	38099	QPSK	1	99	1	0	22.21	23.20
38150	37952	QPSK	1	0	1	99	22.10	23.20

Ant3 Full Power

CA_38C								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
37850	38048	QPSK	1	99	1	0	23.90	24.60
37901	38099	QPSK	1	99	1	0	23.94	24.60
38150	37952	QPSK	1	0	1	99	23.84	24.60

Ant4 Full Power&DSI4

CA_38C								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
37850	38048	QPSK	1	99	1	0	23.65	24.20
37901	38099	QPSK	1	99	1	0	23.62	24.20
38150	37952	QPSK	1	0	1	99	23.78	24.20
37850	38048	QPSK	50	50	50	0	23.56	24.20
37901	38099	QPSK	50	50	50	0	23.53	24.20
38150	37952	QPSK	50	0	50	50	23.69	24.20

Ant6 Full Power

CA_38C								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
37850	38048	QPSK	1	99	1	0	23.23	24.20
37901	38099	QPSK	1	99	1	0	23.29	24.20
38150	37952	QPSK	1	0	1	99	23.11	24.20
37850	38048	QPSK	50	50	50	0	23.15	24.20
37901	38099	QPSK	50	50	50	0	23.19	24.20
38150	37952	QPSK	50	0	50	50	23.01	24.20

Ant1 Full Power

CA_42C								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
42190	42388	QPSK	1	99	1	0	22.44	24.00
42590	42788	QPSK	1	99	1	0	22.52	24.00
42990	42792	QPSK	1	0	1	99	22.36	24.00
42190	42388	QPSK	50	50	50	0	22.36	24.00
42590	42788	QPSK	50	50	50	0	22.46	24.00
42990	42792	QPSK	50	0	50	50	22.25	24.00

Ant3 Full Power&DSI1

CA_42C								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
42190	42388	QPSK	1	99	1	0	22.36	23.80
42590	42788	QPSK	1	99	1	0	22.58	23.80
42990	42792	QPSK	1	0	1	99	22.53	23.80
42190	42388	QPSK	50	50	50	0	22.22	23.80
42590	42788	QPSK	50	50	50	0	22.43	23.80
42990	42792	QPSK	50	0	50	50	22.41	23.80

Ant10 Full Power

CA_42C								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
42190	42388	QPSK	1	99	1	0	24.78	25.70
42590	42788	QPSK	1	99	1	0	25.02	25.70
42990	42792	QPSK	1	0	1	99	24.90	25.70
42190	42388	QPSK	50	50	50	0	24.66	25.70
42590	42788	QPSK	50	50	50	0	24.93	25.70
42990	42792	QPSK	50	0	50	50	24.83	25.70

Ant12 Full Power

CA_42C								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
42190	42388	QPSK	1	99	1	0	24.81	25.70
42590	42788	QPSK	1	99	1	0	24.94	25.70
42990	42792	QPSK	1	0	1	99	24.88	25.70
42190	42388	QPSK	50	50	50	0	24.75	25.70
42590	42788	QPSK	50	50	50	0	24.86	25.70
42990	42792	QPSK	50	0	50	50	24.72	25.70

Ant0 DSI3&5

CA_7C								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
20850	21048	QPSK	1	99	1	0	20.11	22.00
21100	21298	QPSK	1	99	1	0	20.27	22.00
21350	21152	QPSK	1	0	1	99	20.03	22.00
20850	21048	QPSK	50	50	50	0	20.01	22.00
21100	21298	QPSK	50	50	50	0	20.19	22.00
21350	21152	QPSK	50	0	50	50	19.92	22.00

Ant3 DSI3&5

CA_7C								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
20850	21048	QPSK	1	99	1	0	18.52	19.20
21100	21298	QPSK	1	99	1	0	18.70	19.20
21350	21152	QPSK	1	0	1	99	18.68	19.20
20850	21048	QPSK	50	50	50	0	18.48	19.20
21100	21298	QPSK	50	50	50	0	18.62	19.20
21350	21152	QPSK	50	0	50	50	18.52	19.20

Ant4 DSI1&5

CA_7C								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
20850	21048	QPSK	1	99	1	0	15.94	16.70
21100	21298	QPSK	1	99	1	0	16.05	16.70
21350	21152	QPSK	1	0	1	99	15.88	16.70
20850	21048	QPSK	50	50	50	0	15.88	16.70
21100	21298	QPSK	50	50	50	0	16.01	16.70
21350	21152	QPSK	50	0	50	50	15.82	16.70

Ant6 DSI1&5

CA_7C								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
20850	21048	QPSK	1	99	1	0	14.86	16.20
21100	21298	QPSK	1	99	1	0	14.98	16.20
21350	21152	QPSK	1	0	1	99	14.91	16.20
20850	21048	QPSK	50	50	50	0	14.72	16.20
21100	21298	QPSK	50	50	50	0	14.86	16.20
21350	21152	QPSK	50	0	50	50	14.73	16.20

Ant4 DSI3

CA_7C								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
20850	21048	QPSK	1	99	1	0	19.51	20.20
21100	21298	QPSK	1	99	1	0	19.61	20.20
21350	21152	QPSK	1	0	1	99	19.49	20.20
20850	21048	QPSK	50	50	50	0	19.44	20.20
21100	21298	QPSK	50	50	50	0	19.49	20.20
21350	21152	QPSK	50	0	50	50	19.39	20.20

Ant6 DSI3&4

CA_7C								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
20850	21048	QPSK	1	99	1	0	20.01	21.20
21100	21298	QPSK	1	99	1	0	20.10	21.20
21350	21152	QPSK	1	0	1	99	20.00	21.20
20850	21048	QPSK	50	50	50	0	19.86	21.20
21100	21298	QPSK	50	50	50	0	19.88	21.20
21350	21152	QPSK	50	0	50	50	19.81	21.20

Ant0 DSI3&5

CA_38C								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
37850	38048	QPSK	1	99	1	0	22.03	23.20
37901	38099	QPSK	1	99	1	0	22.21	23.20
38150	37952	QPSK	1	0	1	99	22.10	23.20

Ant3 DSI3&5

CA_38C								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
37850	38048	QPSK	1	99	1	0	20.75	21.60
37901	38099	QPSK	1	99	1	0	21.11	21.60
38150	37952	QPSK	1	0	1	99	20.98	21.60

Ant4 DSI1&5

CA_38C								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
37850	38048	QPSK	1	99	1	0	17.84	18.70
37901	38099	QPSK	1	99	1	0	18.04	18.70
38150	37952	QPSK	1	0	1	99	18.01	18.70
37850	38048	QPSK	50	50	50	0	17.79	18.70
37901	38099	QPSK	50	50	50	0	17.99	18.70
38150	37952	QPSK	50	0	50	50	17.96	18.70

Ant6 DSI1&5

CA_38C								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
37850	38048	QPSK	1	99	1	0	17.12	18.20
37901	38099	QPSK	1	99	1	0	17.17	18.20
38150	37952	QPSK	1	0	1	99	17.08	18.20
37850	38048	QPSK	50	50	50	0	17.01	18.20
37901	38099	QPSK	50	50	50	0	17.09	18.20
38150	37952	QPSK	50	0	50	50	16.99	18.20

Ant4 DSI3

CA_38C								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
37850	38048	QPSK	1	99	1	0	22.47	23.20
37901	38099	QPSK	1	99	1	0	22.56	23.20
38150	37952	QPSK	1	0	1	99	22.41	23.20
37850	38048	QPSK	50	50	50	0	22.33	23.20
37901	38099	QPSK	50	50	50	0	22.48	23.20
38150	37952	QPSK	50	0	50	50	22.34	23.20

Ant6 DSI3&4

CA_38C								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
37850	38048	QPSK	1	99	1	0	23.23	24.70
37901	38099	QPSK	1	99	1	0	23.29	24.70
38150	37952	QPSK	1	0	1	99	23.11	24.70
37850	38048	QPSK	50	50	50	0	23.14	24.70
37901	38099	QPSK	50	50	50	0	23.16	24.70
38150	37952	QPSK	50	0	50	50	22.98	24.70

Ant1 DSI1&5

CA_42C								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
42190	42388	QPSK	1	99	1	0	19.82	21.50
42590	42788	QPSK	1	99	1	0	19.94	21.50
42990	42792	QPSK	1	0	1	99	19.87	21.50
42190	42388	QPSK	50	50	50	0	19.75	21.50
42590	42788	QPSK	50	50	50	0	19.82	21.50
42990	42792	QPSK	50	0	50	50	19.81	21.50

Ant10 DSI1&5

CA_42C								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
42190	42388	QPSK	1	99	1	0	18.47	19.20
42590	42788	QPSK	1	99	1	0	18.62	19.20
42990	42792	QPSK	1	0	1	99	18.55	19.20
42190	42388	QPSK	50	50	50	0	18.39	19.20
42590	42788	QPSK	50	50	50	0	18.51	19.20
42990	42792	QPSK	50	0	50	50	18.42	19.20

Ant12 DSI3&4

CA_42C								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
42190	42388	QPSK	1	99	1	0	20.03	20.70
42590	42788	QPSK	1	99	1	0	20.08	20.70
42990	42792	QPSK	1	0	1	99	19.95	20.70
42190	42388	QPSK	50	50	50	0	19.91	20.70
42590	42788	QPSK	50	50	50	0	19.93	20.70
42990	42792	QPSK	50	0	50	50	19.88	20.70

Ant10 DSI3

CA_42C								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
42190	42388	QPSK	1	99	1	0	23.84	24.70
42590	42788	QPSK	1	99	1	0	24.14	24.70
42990	42792	QPSK	1	0	1	99	23.99	24.70
42190	42388	QPSK	50	50	50	0	23.75	24.70
42590	42788	QPSK	50	50	50	0	24.01	24.70
42990	42792	QPSK	50	0	50	50	23.86	24.70

Ant12 DSI5

CA_42C								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
42190	42388	QPSK	1	99	1	0	18.87	19.70
42590	42788	QPSK	1	99	1	0	18.95	19.70
42990	42792	QPSK	1	0	1	99	18.81	19.70
42190	42388	QPSK	50	50	50	0	18.75	19.70
42590	42788	QPSK	50	50	50	0	18.86	19.70
42990	42792	QPSK	50	0	50	50	18.71	19.70

Downlink CA Power

2CA DL

CA List	PCC									SCC					Power	
	LTE Band	BW Ant	BW (MHz)	UL Freq. (MHz)	UL Channel	Mod.	UL# RB	UL RB Offset	DL Antenna Configuration	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	DL Antenna Configuration	With CA Tx. Power (dBm)	Without CA Tx. Power (dBm)
CA_2C	Band 2	Ant3	20M	1880	18900	QPSK	1	0		Band 2	20M	1979.8	1098		24.87	25.08
	Band 2	Ant4	20M	1880	18900	QPSK	1	0		Band 2	20M	1979.8	1098		24.46	24.60
CA_2A-66A	Band 2	Ant3	20M	1880	18900	QPSK	1	0		Band 66	20M	2155	66886		24.95	25.08
	Band 66	Ant0	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 2	20M	1960	900		22.74	22.86
	Band 2	Ant4	20M	1880	18900	QPSK	1	0		Band 66	20M	2155	66886		24.52	24.60
	Band 66	Ant3	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 2	20M	1960	900		24.24	24.33
	Band 66	Ant4	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 2	20M	1960	900		24.00	24.10
	Band 66	Ant6	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 2	20M	1960	900		23.41	23.56
CA_5A-41A	Band 5	Ant0	10M	836.5	20525	QPSK	1	0		Band 41	20M	2593	40620	4x4MIMO	24.96	25.11
	Band 5	Ant1	10M	836.5	20525	QPSK	1	0		Band 41	20M	2593	40620	4x4MIMO	24.01	24.15
CA_12A-66A	Band 12	Ant0	10M	707.5	23095	QPSK	1	0		Band 66	20M	2155	66886	4x4MIMO	25.06	25.14
	Band 12	Ant1	10M	707.5	23095	QPSK	1	0		Band 66	20M	2155	66886	4x4MIMO	24.00	24.19
	Band 66	Ant0	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 12	10M	737.5	5095		22.77	22.86
	Band 66	Ant3	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 12	10M	737.5	5095		24.25	24.33
	Band 66	Ant4	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 12	10M	737.5	5095		24.05	24.10
	Band 66	Ant6	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 12	10M	737.5	5095		23.48	23.56
CA_38C	Band 38	Ant0	20M	2580	37850	QPSK	1	0	4x4MIMO	Band 38	20M	2599.8	38048	4x4MIMO	23.51	23.70
	Band 38	Ant3	20M	2580	37850	QPSK	1	0	4x4MIMO	Band 38	20M	2599.8	38048	4x4MIMO	24.96	25.11
	Band 38	Ant4	20M	2580	37850	QPSK	1	0	4x4MIMO	Band 38	20M	2599.8	38048	4x4MIMO	24.99	25.16
	Band 38	Ant6	20M	2580	37850	QPSK	1	0	4x4MIMO	Band 38	20M	2599.8	38048	4x4MIMO	24.51	24.64
CA_41A-48A	Band 41	Ant0	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 48	20M	3609	55830	4x4MIMO	23.62	23.79
	Band 41	Ant3	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 48	20M	3609	55830	4x4MIMO	25.03	25.19
	Band 41	Ant4	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 48	20M	3609	55830	4x4MIMO	24.99	25.18
	Band 41	Ant6	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 48	20M	3609	55830	4x4MIMO	24.51	24.67
	Band 48	Ant1	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 41	20M	2593	40620	4x4MIMO	21.23	21.38
	Band 48	Ant3	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 41	20M	2593	40620	4x4MIMO	21.33	21.45
	Band 48	Ant10	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 41	20M	2593	40620	4x4MIMO	23.47	23.66
	Band 48	Ant12	20M	3609	55830	QPSK	1	0	4x4MIMO	Band 41	20M	2593	40620	4x4MIMO	23.38	23.57
CA_66B	Band 66	Ant0	15M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2164.3	66979	4x4MIMO	22.72	22.86
	Band 66	Ant3	15M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2164.3	66979	4x4MIMO	24.18	24.33
	Band 66	Ant4	15M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2164.3	66979	4x4MIMO	23.94	24.10
	Band 66	Ant6	15M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2164.3	66979	4x4MIMO	23.54	23.56
CA_66C	Band 66	Ant0	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	20M	2174.8	67084	4x4MIMO	22.78	22.86
	Band 66	Ant3	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	20M	2174.8	67084	4x4MIMO	24.27	24.33
	Band 66	Ant4	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	20M	2174.8	67084	4x4MIMO	24.06	24.10
	Band 66	Ant6	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	20M	2174.8	67084	4x4MIMO	23.41	23.56
CA_42C	Band 42	Ant1	20M	3500	42590	QPSK	1	0	4x4MIMO	Band 42	20M	3519.8	42788	4x4MIMO	22.46	22.60
	Band 42	Ant3	20M	3500	42590	QPSK	1	0	4x4MIMO	Band 42	20M	3519.8	42788	4x4MIMO	22.45	22.63
	Band 42	Ant10	20M	3500	42590	QPSK	1	0	4x4MIMO	Band 42	20M	3519.8	42788	4x4MIMO	25.04	25.07
	Band 42	Ant12	20M	3500	42590	QPSK	1	0	4x4MIMO	Band 42	20M	3519.8	42788	4x4MIMO	24.88	24.97

3CA DL

3CA List	PCC									SCC1						SCC2						Power	
	LTE	BW	BW	UL	UL	Mod.	UL#	UL	DL Antenna Configuration	LTE	BW	DL	DL	DL Antenna Configuration		LTE	BW	DL	DL	DL Antenna Configuration		With CA	Without CA
	Band	Ant	(MHz)	Freq. (MHz)	Channel		RB	RB Offset		Band	(MHz)	Freq. (MHz)	Channel			Band	(MHz)	Freq. (MHz)	Channel			Tx. Power (dBm)	Tx. Power (dBm)
CA_2A-4A-5A	Band 2	Ant3	20M	1880	18900	QPSK	1	0		Band 4	20M	2132.5	2175	4x4MIMO		Band 5	10M	881.5	2525			24.88	25.08
	Band 4	Ant0	20M	1732.5	20175	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525			Band 2	20M	1960	900			23.98	24.08
	Band 2	Ant4	20M	1880	18900	QPSK	1	0		Band 4	20M	2132.5	2175	4x4MIMO		Band 5	10M	881.5	2525			24.38	24.60
	Band 4	Ant3	20M	1732.5	20175	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525			Band 2	20M	1960	900			24.85	25.01
	Band 4	Ant4	20M	1732.5	20175	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525			Band 2	20M	1960	900			25.01	25.09
	Band 4	Ant6	20M	1732.5	20175	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525			Band 2	20M	1960	900			24.39	24.41
	Band 5	Ant0	10M	836.5	20525	QPSK	1	0		Band 2	20M	1960	900			Band 4	20M	2132.5	2175	4x4MIMO		25.03	25.11
	Band 5	Ant1	10M	836.5	20525	QPSK	1	0		Band 2	20M	1960	900			Band 4	20M	2132.5	2175	4x4MIMO		24.01	24.15
CA_2A-7C	Band 2	Ant3	20M	1880	18900	QPSK	1	0		Band 7	20M	2655	3100	4x4MIMO		Band 7	20M	2554.8	3298	4x4MIMO		24.99	25.08
	Band 7	Ant0	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 7	20M	2554.8	3298	4x4MIMO		Band 2	20M	1960	900			23.81	23.89
	Band 2	Ant4	20M	1880	18900	QPSK	1	0		Band 7	20M	2655	3100	4x4MIMO		Band 7	20M	2554.8	3298	4x4MIMO		24.51	24.60
	Band 7	Ant3	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 7	20M	2554.8	3298	4x4MIMO		Band 2	20M	1960	900			25.18	25.28
	Band 7	Ant4	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 7	20M	2554.8	3298	4x4MIMO		Band 2	20M	1960	900			25.11	25.18
	Band 7	Ant6	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 7	20M	2554.8	3298	4x4MIMO		Band 2	20M	1960	900			24.52	24.67
CA_2A-7A-7A	Band 2	Ant3	20M	1880	18900	QPSK	1	0		Band 7	20M	2655	3100	4x4MIMO		Band 7	5M	2687.5	3425	4x4MIMO		24.87	25.08
	Band 7	Ant0	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 7	5M	2687.5	3425	4x4MIMO		Band 2	20M	1960	900			23.75	23.89
	Band 2	Ant4	20M	1880	18900	QPSK	1	0		Band 7	20M	2655	3100	4x4MIMO		Band 7	5M	2687.5	3425	4x4MIMO		24.46	24.60
	Band 7	Ant3	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 7	5M	2687.5	3425	4x4MIMO		Band 2	20M	1960	900			25.12	25.28
	Band 7	Ant4	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 7	5M	2687.5	3425	4x4MIMO		Band 2	20M	1960	900			25.04	25.18
	Band 7	Ant6	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 7	5M	2687.5	3425	4x4MIMO		Band 2	20M	1960	900			24.49	24.67
CA_4A-7C	Band 4	Ant0	20M	1732.5	20175	QPSK	1	0	4x4MIMO	Band 7	20M	2655	3100	4x4MIMO		Band 7	20M	2554.8	3298	4x4MIMO		23.96	24.08
	Band 7	Ant0	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 7	20M	2554.8	3298	4x4MIMO		Band 4	20M	2132.5	2175	4x4MIMO		23.78	23.89
	Band 4	Ant3	20M	1732.5	20175	QPSK	1	0	4x4MIMO	Band 7	20M	2655	3100	4x4MIMO		Band 7	20M	2554.8	3298	4x4MIMO		24.89	25.01
	Band 7	Ant3	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 7	20M	2554.8	3298	4x4MIMO		Band 4	20M	2132.5	2175	4x4MIMO		25.12	25.28
	Band 4	Ant4	20M	1732.5	20175	QPSK	1	0	4x4MIMO	Band 7	20M	2655	3100	4x4MIMO		Band 7	20M	2554.8	3298	4x4MIMO		24.91	25.09
	Band 7	Ant4	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 7	20M	2554.8	3298	4x4MIMO		Band 4	20M	2132.5	2175	4x4MIMO		25.06	25.18
	Band 4	Ant6	20M	1732.5	20175	QPSK	1	0	4x4MIMO	Band 7	20M	2655	3100	4x4MIMO		Band 7	20M	2554.8	3298	4x4MIMO		24.34	24.41
	Band 7	Ant6	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 7	20M	2554.8	3298	4x4MIMO		Band 4	20M	2132.5	2175	4x4MIMO		24.54	24.67
CA_5A-7C	Band 5	Ant0	10M	836.5	20525	QPSK	1	0		Band 7	20M	2655	3100	4x4MIMO		Band 7	20M	2554.8	3298	4x4MIMO		25.06	25.11
	Band 5	Ant1	10M	836.5	20525	QPSK	1	0		Band 7	20M	2655	3100	4x4MIMO		Band 7	20M	2554.8	3298	4x4MIMO		24.10	24.15
	Band 7	Ant0	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 7	20M	2554.8	3298	4x4MIMO		Band 5	10M	881.5	2525			23.73	23.89
	Band 7	Ant3	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 7	20M	2554.8	3298	4x4MIMO		Band 5	10M	881.5	2525			25.09	25.28
	Band 7	Ant4	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 7	20M	2554.8	3298	4x4MIMO		Band 5	10M	881.5	2525			25.09	25.18
	Band 7	Ant6	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 7	20M	2554.8	3298	4x4MIMO		Band 5	10M	881.5	2525			24.48	24.67
CA_5A-7A-7A	Band 5	Ant0	10M	836.5	20525	QPSK	1	0		Band 7	20M	2655	3100	4x4MIMO		Band 7	20M	2680	3350	4x4MIMO		25.02	25.11
	Band 5	Ant1	10M	836.5	20525	QPSK	1	0		Band 7	20M	2655	3100	4x4MIMO		Band 7	20M	2680	3350	4x4MIMO		24.02	24.15
	Band 7	Ant0	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 7	20M	2680	3350	4x4MIMO		Band 5	10M	881.5	2525			23.71	23.89
	Band 7	Ant3	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 7	20M	2680	3350	4x4MIMO		Band 5	10M	881.5	2525			25.06	25.28
	Band 7	Ant4	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 7	20M	2680	3350	4x4MIMO		Band 5	10M	881.5	2525			25.05	25.18
	Band 7	Ant6	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 7	20M	2680	3350	4x4MIMO		Band 5	10M	881.5	2525			24.50	24.67
CA_5A-7A-66A	Band 5	Ant0	10M	836.5	20525	QPSK	1	0		Band 66	20M	2155	66886	4x4MIMO		Band 7	20M	2655	3100	4x4MIMO		25.09	25.11
	Band 5	Ant1	10M	836.5	20525	QPSK	1	0		Band 66	20M	2155	66886	4x4MIMO		Band 7	20M	2655	3100	4x4MIMO		23.98	24.15
	Band 66	Ant0	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 7	20M	2655	3100	4x4MIMO		Band 5	10M	881.5	2525			22.77	22.86
	Band 7	Ant0	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525			Band 66	20M	2155	66886	4x4MIMO		23.81	23.89
	Band 66	Ant3	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 7	20M	2655	3100	4x4MIMO		Band 5	10M	881.5	2525			24.18	24.33
	Band 7	Ant3	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525			Band 66	20M	2155	66886	4x4MIMO		25.17	25.28
	Band 66	Ant4	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 7	20M	2655	3100	4x4MIMO		Band 5	10M	881.5	2525			23.88	24.10
	Band 7	Ant4	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525			Band 66	20M	2155	66886	4x4MIMO		25.03	25.18
	Band 66	Ant6	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 7	20M	2655	3100	4x4MIMO		Band 5	10M	881.5	2525			23.40	23.56
	Band 7	Ant6	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525			Band 66	20M	2155	66886	4x4MIMO		24.59	24.67
CA_7A-66A-66A	Band 66	Ant0	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO		Band 7	20M	2655	3100	4x4MIMO		22.75	22.86
	Band 7	Ant0	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO		Band 66	5M	2197.5	67311	4x4MIMO		23.67	23.89
	Band 66	Ant3	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO		Band 7	20M	2655	3100	4x4MIMO		24.22	24.33
	Band 7	Ant3	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO		Band 66	5M	2197.5	67311	4x4MIMO		25.12	25.28
	Band 66	Ant4	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO		Band 7	20M	2655	3100	4x4MIMO		23.95	24.10
	Band 7	Ant4	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO		Band 66	5M	2197.5	67311	4x4MIMO		24.96	25.18
	Band 66	Ant6	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO		Band 7	20M	2655	3100	4x4MIMO		23.41	23.56
	Band 7	Ant6	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO		Band 66	5M	2197.5	67311	4x4MIMO		24.52	24.67
CA_12A-66A-66A	Band 12	Ant0	10M	707.5	23095	QPSK	1	0		Band 66	20M	2155	66886	4x4MIMO		Band 66	5M	2197.5	67311	4x4MIMO		25.04	25.14
	Band 12	Ant1	10M	707.5	23095	QPSK	1	0		Band 66	20M	2155	66886	4x4MIMO		Band 66	5M	2197.5	67311	4x4MIMO		24.05	24.19
	Band 66	Ant0	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO		Band 12	10M	737.5	5095			22.74	22.86
	Band 66	Ant3	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO		Band 12	10M	737.5	5095			24.21	24.33
	Band 66	Ant4	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO		Band 12	10M	737.5	5095			23.89	24.10
	Band 66	Ant6	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO		Band 12	10M	737.5	5095			23.41	23.56
CA_41A-41A-41A	Band 41	Ant0	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 41	5M	2687.5	41565	4x4MIMO		Band 41	20M	2506	39750	4x4MIMO		23.62	23.79
	Band 41	Ant3	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 41	5M	2687.5	41565	4x4MIMO		Band 41	20M	2506	39750	4x4MIMO		24.97	25.19
	Band 41	Ant4	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 41	5M	2687.5	41565	4x4MIMO		Band 41	20M	2506	39750	4x4MIMO		24.98	25.18
	Band 41	Ant6	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 41	5M	2687.5	41565	4x4MIMO		Band 41	20M	2506	39750	4x4MIMO		24.61	24.67

4CA DL

4CA List	PCC								SCC1				SCC2				SCC3				Power	
	LTE Band	BW Ant	BW (MHz)	UL Freq. (MHz)	UL Channel	Mod.	UL# RB	UL RB Offset	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	With CA Tx. Power (dBm)	Without CA Tx. Power (dBm)
CA_41E	Band 41	Ant0	20M	2593	40620	QPSK	1	0	Band 41	20M	2612.8	40818	Band 41	20M	2632.6	41016	Band 41	20M	2652.4	41214	23.64	23.79
	Band 41	Ant3	20M	2593	40620	QPSK	1	0	Band 41	20M	2612.8	40818	Band 41	20M	2632.6	41016	Band 41	20M	2652.4	41214	25.08	25.19
	Band 41	Ant4	20M	2593	40620	QPSK	1	0	Band 41	20M	2612.8	40818	Band 41	20M	2632.6	41016	Band 41	20M	2652.4	41214	25.02	25.18
	Band 41	Ant6	20M	2593	40620	QPSK	1	0	Band 41	20M	2612.8	40818	Band 41	20M	2632.6	41016	Band 41	20M	2652.4	41214	24.52	24.67

Full Power Mode for 5GNR

n5 Ant0 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	25.25	25.29	25.21		
20	PI/2 BPSK	1	53	25.16	25.26	25.16	25.7	0.0
20	PI/2 BPSK	1	104	25.09	25.14	25.09		
20	PI/2 BPSK	50	0	24.82	24.79	24.72	25.2	0.5
20	PI/2 BPSK	50	28	25.17	25.32	25.25	25.7	0.0
20	PI/2 BPSK	50	56	24.50	24.68	24.50	25.2	0.5
20	PI/2 BPSK	100	0	24.66	24.77	24.69		
20	QPSK	1	1	25.31	25.40	25.25		
20	QPSK	1	53	25.26	25.28	25.13	25.7	0.0
20	QPSK	1	104	24.98	25.10	24.97		
20	QPSK	50	0	24.07	24.28	24.19	24.7	1.0
20	QPSK	50	28	25.31	25.33	25.22	25.7	0.0
20	QPSK	50	56	24.01	24.17	24.01	24.7	1.0
20	QPSK	100	0	24.16	24.26	24.10		
20	16QAM	1	1	23.97	24.09	23.95	24.7	1.0
20	64QAM	1	1	22.76	22.79	22.80	23.2	2.5
20	256QAM	1	1	20.78	20.92	20.68	21.2	4.5
Channel				166300	167300	168300	Tune-up limit	MPR
Frequency (MHz)				831.5	836.5	841.5	(dBm)	(dB)
15	QPSK	1	1	25.27	25.24	25.21	25.7	0.0
Channel				165800	167300	168800	Tune-up limit	MPR
Frequency (MHz)				829	836.5	844	(dBm)	(dB)
10	QPSK	1	1	25.21	25.35	25.16	25.7	0.0
Channel				165300	167300	169300	Tune-up limit	MPR
Frequency (MHz)				826.5	836.5	846.5	(dBm)	(dB)
5	QPSK	1	1	25.16	25.28	25.08	25.7	0.0

n7 Ant0 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	23.81	23.86	23.74		
40	PI/2 BPSK	1	108	23.78	23.88	23.83	25.1	0.0
40	PI/2 BPSK	1	214	23.78	23.87	23.71		
40	PI/2 BPSK	108	0	23.22	23.29	23.16	24.6	0.5
40	PI/2 BPSK	108	54	23.85	23.75	23.56	25.1	0.0
40	PI/2 BPSK	108	108	23.14	23.23	23.04	24.6	0.5
40	PI/2 BPSK	216	0	23.09	23.32	23.08		
40	QPSK	1	1	23.91	23.93	23.84		
40	QPSK	1	108	23.55	23.74	23.58	25.1	0.0
40	QPSK	1	214	23.57	23.79	23.72		
40	QPSK	108	0	22.72	22.77	22.72	24.1	1.0
40	QPSK	108	54	23.63	23.78	23.62	25.1	0.0
40	QPSK	108	108	22.68	22.84	22.58	24.1	1.0
40	QPSK	216	0	22.73	22.90	22.83		
40	16QAM	1	1	22.82	22.91	22.80	24.1	1.0
40	64QAM	1	1	21.17	21.20	21.04	22.6	2.5
40	256QAM	1	1	19.27	19.49	19.38	20.6	4.5
Channel				503000	507000	511000	Tune-up limit	MPR
Frequency (MHz)				2515	2535	2555	(dBm)	(dB)
30	QPSK	1	1	23.77	23.88	23.73	25.1	0.0
Channel				502500	507000	511500	Tune-up limit	MPR
Frequency (MHz)				2512.5	2535	2557.5	(dBm)	(dB)
25	QPSK	1	1	23.78	23.81	23.71	25.1	0.0
Channel				502000	507000	512000	Tune-up limit	MPR
Frequency (MHz)				2510	2535	2560	(dBm)	(dB)
20	PI/2 BPSK	1	1	23.87	23.88	23.78	25.1	0.0
Channel				501500	507000	512500	Tune-up limit	MPR
Frequency (MHz)				2507.5	2535	2562.5	(dBm)	(dB)
15	QPSK	1	1	23.79	23.80	23.72	25.1	0.0
Channel				501000	507000	513000	Tune-up limit	MPR
Frequency (MHz)				2505	2535	2565	(dBm)	(dB)
10	QPSK	1	1	23.81	23.86	23.77	25.1	0.0
Channel				500500	507000	513500	Tune-up limit	MPR
Frequency (MHz)				2502.5	2535	2567.5	(dBm)	(dB)
5	QPSK	1	1	23.87	23.85	23.79	25.1	0.0

n66 Ant0 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				340000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	24.30	24.36	24.22		
40	PI/2 BPSK	1	108	24.05	24.18	24.08	25.7	0.0
40	PI/2 BPSK	1	214	24.13	24.28	24.20		
40	PI/2 BPSK	108	0	23.63	23.74	23.56	25.2	0.5
40	PI/2 BPSK	108	54	24.08	24.23	24.17	25.7	0.0
40	PI/2 BPSK	108	108	23.72	23.77	23.61	25.2	0.5
40	PI/2 BPSK	216	0	23.66	23.83	23.73		
40	QPSK	1	1	24.27	24.43	24.32		
40	QPSK	1	108	24.27	24.37	24.29	25.7	0.0
40	QPSK	1	214	24.23	24.32	24.24		
40	QPSK	108	0	23.25	23.31	23.17	24.7	1.0
40	QPSK	108	54	24.18	24.21	24.13	25.7	0.0
40	QPSK	108	108	23.22	23.31	23.24	24.7	1.0
40	QPSK	216	0	23.18	23.34	23.24		
40	16QAM	1	1	23.16	23.21	23.11	24.7	1.0
40	64QAM	1	1	21.84	22.01	21.92	23.2	2.5
40	256QAM	1	1	19.66	19.82	19.74	21.2	4.5
Channel				345000	349000	353000	Tune-up limit	MPR
Frequency (MHz)				1725	1745	1765	(dBm)	(dB)
30	QPSK	1	1	24.20	24.30	24.29	25.7	0.0
Channel				344500	349000	353500	Tune-up limit	MPR
Frequency (MHz)				1722.5	1745	1767.5	(dBm)	(dB)
25	QPSK	1	1	24.19	24.37	24.18	25.7	0.0
Channel				344000	349000	354000	Tune-up limit	MPR
Frequency (MHz)				1720	1745	1770	(dBm)	(dB)
20	QPSK	1	1	24.10	24.34	24.18	25.7	0.0
Channel				343500	349000	354500	Tune-up limit	MPR
Frequency (MHz)				1717.5	1745	1772.5	(dBm)	(dB)
15	QPSK	1	1	24.12	24.29	24.23	25.7	0.0
Channel				343000	349000	355000	Tune-up limit	MPR
Frequency (MHz)				1715	1745	1775	(dBm)	(dB)
10	QPSK	1	1	24.24	24.31	24.23	25.7	0.0
Channel				342500	349000	355500	Tune-up limit	MPR
Frequency (MHz)				1712.5	1745	1777.5	(dBm)	(dB)
5	QPSK	1	1	24.18	24.28	24.26	25.7	0.0

n71 Ant0 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				134400	136100	137600		
Frequency (MHz)				673	680.5	688		
20	PI/2 BPSK	1	1	24.72	24.77	24.73		
20	PI/2 BPSK	1	53	24.66	24.70	24.57	25.7	0.0
20	PI/2 BPSK	1	104	24.50	24.63	24.56		
20	PI/2 BPSK	50	0	24.17	24.25	24.19	25.2	0.5
20	PI/2 BPSK	50	28	24.63	24.65	24.54	25.7	0.0
20	PI/2 BPSK	50	56	24.18	24.22	24.10	25.2	0.5
20	PI/2 BPSK	100	0	24.17	24.27	24.22		
20	QPSK	1	1	24.75	24.81	24.66		
20	QPSK	1	53	24.71	24.76	24.68	25.7	0.0
20	QPSK	1	104	24.52	24.66	24.55		
20	QPSK	50	0	23.77	23.82	23.76	24.7	1.0
20	QPSK	50	28	24.68	24.76	24.72	25.7	0.0
20	QPSK	50	56	23.57	23.66	23.62	24.7	1.0
20	QPSK	100	0	23.70	23.77	23.71		
20	16QAM	1	1	23.80	23.88	23.79	24.7	1.0
20	64QAM	1	1	22.05	22.10	22.14	23.2	2.5
20	256QAM	1	1	20.14	20.20	20.13	21.2	4.5
Channel				134100	136100	138100	Tune-up limit	MPR
Frequency (MHz)				670.5	680.5	690.5	(dBm)	(dB)
15	QPSK	1	1	24.73	24.88	24.64	25.7	0.0
Channel				133600	136100	138600	Tune-up limit	MPR
Frequency (MHz)				668	680.5	693	(dBm)	(dB)
10	QPSK	1	1	24.77	24.82	24.65	25.7	0.0
Channel				133100	136100	139100	Tune-up limit	MPR
Frequency (MHz)				665.5	680.5	695.5	(dBm)	(dB)
5	QPSK	1	1	24.76	24.84	24.68	25.7	0.0

n38 Ant0 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	23.49	23.56	23.51	24.7	0.0
40	PI/2 BPSK	1	53	23.36	23.46	23.28		
40	PI/2 BPSK	1	104	23.25	23.44	23.34		
40	PI/2 BPSK	50	0	22.84	22.93	23.01	24.2	0.5
40	PI/2 BPSK	50	28	23.17	23.35	23.16	24.7	0.0
40	PI/2 BPSK	50	56	22.66	22.76	22.73	24.2	0.5
40	PI/2 BPSK	100	0	22.87	23.04	22.74		
40	QPSK	1	1	23.52	23.69	23.54	24.7	0.0
40	QPSK	1	53	23.08	23.20	23.31		
40	QPSK	1	104	23.28	23.48	23.08		
40	QPSK	50	0	22.49	22.64	22.39	23.7	1.0
40	QPSK	50	28	23.41	23.58	23.36	24.7	0.0
40	QPSK	50	56	22.27	22.44	22.18	23.7	1.0
40	QPSK	100	0	22.42	22.49	22.24		
40	16QAM	1	1	22.50	22.41	22.34	23.7	1.0
40	64QAM	1	1	21.06	21.13	21.22	22.2	2.5
40	256QAM	1	1	19.26	19.36	19.11	20.2	4.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	23.54	23.51	23.36	24.7	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	23.35	23.44	23.45	24.7	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	23.36	23.63	23.34	24.7	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	23.37	23.57	23.47	24.7	0.0

n41 Ant0 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	24.07	24.12	23.98	25.0	0.0
100	PI/2 BPSK	1	137	23.86	23.98	23.81		
100	PI/2 BPSK	1	271	23.74	23.81	23.74		
100	PI/2 BPSK	135	0	23.47	23.61	23.51	24.5	0.5
100	PI/2 BPSK	135	69	23.88	23.99	23.94	25.0	0.0
100	PI/2 BPSK	135	138	23.20	23.28	23.22	24.5	0.5
100	PI/2 BPSK	270	0	23.43	23.48	23.43		
100	QPSK	1	1	24.16	24.18	24.07	25.0	0.0
100	QPSK	1	137	23.78	23.95	23.84		
100	QPSK	1	271	23.55	23.72	23.55		
100	QPSK	135	0	23.00	23.05	22.93	24.0	1.0
100	QPSK	135	69	23.86	23.98	23.95	25.0	0.0
100	QPSK	135	138	22.70	22.88	22.82	24.0	1.0
100	QPSK	270	0	22.80	22.94	22.91		
100	16QAM	1	1	22.55	22.71	22.61	24.0	1.0
100	64QAM	1	1	21.52	21.65	21.59	22.5	2.5
100	256QAM	1	1	19.61	19.69	19.63	20.5	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	24.06	24.06	23.95	25.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	23.99	24.15	24.04	25.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	24.08	24.07	23.92	25.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	24.13	24.12	23.95	25.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	24.13	24.08	23.91	25.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	24.06	24.04	24.03	25.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	24.03	24.13	23.96	25.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	23.98	24.02	23.92	25.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	24.06	24.09	24.04	25.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	24.04	24.15	23.92	25.0	0.0

n5 Ant1 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	24.17	24.25	24.21	25.7	0.0
20	PI/2 BPSK	1	53	24.08	24.17	24.02		
20	PI/2 BPSK	1	104	23.99	24.11	24.05		
20	PI/2 BPSK	50	0	23.65	23.68	23.61	25.2	0.5
20	PI/2 BPSK	50	28	24.12	24.26	24.19	25.7	0.0
20	PI/2 BPSK	50	56	23.63	23.62	23.58	25.2	0.5
20	PI/2 BPSK	100	0	23.61	23.74	23.58		
20	QPSK	1	1	24.29	24.33	24.28	25.7	0.0
20	QPSK	1	53	24.16	24.31	24.23		
20	QPSK	1	104	24.01	24.13	23.99		
20	QPSK	50	0	23.03	23.17	23.07	24.7	1.0
20	QPSK	50	28	24.15	24.24	24.18	25.7	0.0
20	QPSK	50	56	22.95	23.07	23.00	24.7	1.0
20	QPSK	100	0	23.09	23.18	23.12		
20	16QAM	1	1	23.05	23.17	23.06	24.7	1.0
20	64QAM	1	1	21.81	21.93	21.93	23.2	2.5
20	256QAM	1	1	19.85	19.94	19.83	21.2	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	24.15	24.25	24.17	25.7	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	24.19	24.15	24.21	25.7	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	24.24	24.23	24.14	25.7	0.0

n71 Ant1 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				134600	136100	137600		
Frequency (MHz)				673	680.5	688		
20	PI/2 BPSK	1	1	24.41	24.46	24.30	25.7	0.0
20	PI/2 BPSK	1	53	24.35	24.44	24.29		
20	PI/2 BPSK	1	104	24.20	24.35	24.28		
20	PI/2 BPSK	50	0	23.80	23.94	23.77	25.2	0.5
20	PI/2 BPSK	50	28	24.38	24.42	24.37	25.7	0.0
20	PI/2 BPSK	50	56	23.77	23.90	23.80	25.2	0.5
20	PI/2 BPSK	100	0	23.86	23.94	23.85		
20	QPSK	1	1	24.38	24.51	24.44	25.7	0.0
20	QPSK	1	53	24.32	24.42	24.38		
20	QPSK	1	104	24.36	24.43	24.41		
20	QPSK	50	0	23.33	23.43	23.32	24.7	1.0
20	QPSK	50	28	24.44	24.49	24.39	25.7	0.0
20	QPSK	50	56	23.35	23.41	23.37	24.7	1.0
20	QPSK	100	0	23.31	23.49	23.36		
20	16QAM	1	1	23.37	23.55	23.45	24.7	1.0
20	64QAM	1	1	21.87	21.97	21.94	23.2	2.5
20	256QAM	1	1	19.95	20.01	19.87	21.2	4.5
Channel				134100	136100	138100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	1	24.35	24.44	24.38	25.7	0.0
Channel				133600	136100	138600	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	680.5	693		
10	QPSK	1	1	24.28	24.36	24.29	25.7	0.0
Channel				133100	136100	139100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	680.5	695.5		
5	QPSK	1	1	24.28	24.48	24.34	25.7	0.0

PC3 Part27O n77 Ant1 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
		Channel		650000	656000	662000		
		Frequency (MHz)		3750	3840	3930		
100	PI/2 BPSK	1	1	22.18	22.26	22.12		
100	PI/2 BPSK	1	137	22.27	22.32	22.24	24.0	0.0
100	PI/2 BPSK	1	271	22.28	22.38	22.25		
100	PI/2 BPSK	135	0	22.26	22.31	22.23	24.0	0.0
100	PI/2 BPSK	135	69	22.13	22.27	22.22	24.0	0.0
100	PI/2 BPSK	135	138	22.31	22.37	22.29	24.0	0.0
100	PI/2 BPSK	270	0	22.17	22.25	22.12		
100	QPSK	1	1	22.36	22.39	22.31		
100	QPSK	1	137	22.27	22.36	22.32	24.0	0.0
100	QPSK	1	271	22.25	22.31	22.26		
100	QPSK	135	0	22.23	22.30	22.24	24.0	0.0
100	QPSK	135	69	22.21	22.36	22.25	24.0	0.0
100	QPSK	135	138	22.18	22.28	22.19	24.0	0.0
100	QPSK	270	0	22.13	22.26	22.19	24.0	0.0
100	16QAM	1	1	22.19	22.24	22.17	24.0	0.0
100	64QAM	1	1	21.83	21.93	21.85	23.5	0.5
100	256QAM	1	1	19.85	19.90	19.84	21.5	2.5
		Channel		648668	656000	663334	Tune-up limit	MPR
		Frequency (MHz)		3745.02	3840	3935.01	(dBm)	(dB)
90	QPSK	1	1	22.31	22.26	22.28	24.0	0.0
		Channel		648334	656002	663668	Tune-up limit	MPR
		Frequency (MHz)		3740.01	3840	3940.02	(dBm)	(dB)
80	QPSK	1	1	22.33	22.24	22.18	24.0	0.0
		Channel		648002	656002	663002	Tune-up limit	MPR
		Frequency (MHz)		3735	3840	3945	(dBm)	(dB)
70	QPSK	1	1	22.28	22.25	22.18	24.0	0.0
		Channel		648668	656002	663334	Tune-up limit	MPR
		Frequency (MHz)		3730.02	3840	3950.01	(dBm)	(dB)
60	QPSK	1	1	22.32	22.28	22.28	24.0	0.0
		Channel		648334	656002	663668	Tune-up limit	MPR
		Frequency (MHz)		3725.01	3840	3955.02	(dBm)	(dB)
50	QPSK	1	1	22.30	22.28	22.27	24.0	0.0
		Channel		648002	656002	664002	Tune-up limit	MPR
		Frequency (MHz)		3720	3840	3960	(dBm)	(dB)
40	QPSK	1	1	22.23	22.27	22.24	24.0	0.0
		Channel		647668	656002	664334	Tune-up limit	MPR
		Frequency (MHz)		3715.02	3840	3965.01	(dBm)	(dB)
30	QPSK	1	1	22.27	22.29	22.24	24.0	0.0
		Channel		647334	656002	664668	Tune-up limit	MPR
		Frequency (MHz)		3710.01	3840	3970.02	(dBm)	(dB)
20	QPSK	1	1	22.28	22.33	22.25	24.0	0.0
		Channel		647168	656002	665334	Tune-up limit	MPR
		Frequency (MHz)		3707.52	3840	3972.51	(dBm)	(dB)
15	QPSK	1	1	22.25	22.34	22.23	24.0	0.0
		Channel		647000	656000	665000	Tune-up limit	MPR
		Frequency (MHz)		3705	3840	3975	(dBm)	(dB)
10	QPSK	1	1	22.27	22.30	22.22	24.0	0.0

PC2 Part27O n77 Ant1 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
		Channel		650000	656000	662000		
		Frequency (MHz)		3750	3840	3930		
100	PI/2 BPSK	1	1	24.13	24.22	24.19		
100	PI/2 BPSK	1	137	24.18	24.31	24.19	25.7	0.0
100	PI/2 BPSK	1	271	24.15	24.24	24.10		
100	PI/2 BPSK	135	0	24.14	24.24	24.16	25.7	0.0
100	PI/2 BPSK	135	69	24.07	24.18	24.12	25.7	0.0
100	PI/2 BPSK	135	138	24.14	24.20	24.17	25.7	0.0
100	PI/2 BPSK	270	0	24.07	24.19	24.05		
100	QPSK	1	1	24.22	24.36	24.26		
100	QPSK	1	137	24.11	24.26	24.20	25.7	0.0
100	QPSK	1	271	24.18	24.30	24.19		
100	QPSK	135	0	24.16	24.23	24.09	25.7	0.0
100	QPSK	135	69	24.20	24.28	24.18	25.7	0.0
100	QPSK	135	138	24.04	24.17	24.03	25.7	0.0
100	QPSK	270	0	23.99	24.14	24.05		
100	16QAM	1	1	24.10	24.16	24.10	25.7	0.0
100	64QAM	1	1	22.85	22.89	22.99	24.2	1.5
100	256QAM	1	1	20.77	20.80	20.88	22.2	3.5
		Channel		648668	656002	663334	Tune-up limit	MPR
		Frequency (MHz)		3745.02	3840	3935.01	(dBm)	(dB)
90	QPSK	1	1	24.12	24.30	24.18	25.7	0.0
		Channel		648334	656002	663668	Tune-up limit	MPR
		Frequency (MHz)		3740.01	3840	3940.02	(dBm)	(dB)
80	QPSK	1	1	24.07	24.28	24.20	25.7	0.0
		Channel		648002	656002	663002	Tune-up limit	MPR
		Frequency (MHz)		3735	3840	3945	(dBm)	(dB)
70	QPSK	1	1	24.10	24.21	24.12	25.7	0.0
		Channel		647668	656002	663334	Tune-up limit	MPR
		Frequency (MHz)		3730.02	3840	3950.01	(dBm)	(dB)
60	QPSK	1	1	24.13	24.31	24.17	25.7	0.0
		Channel		647334	656002	663668	Tune-up limit	MPR
		Frequency (MHz)		3725.01	3840	3955.02	(dBm)	(dB)
50	QPSK	1	1	24.14	24.26	24.16	25.7	0.0
		Channel		648000	656000	664000	Tune-up limit	MPR
		Frequency (MHz)		3720	3840	3960	(dBm)	(dB)
40	QPSK	1	1	24.08	24.29	24.20	25.7	0.0
		Channel		647668	656002	664334	Tune-up limit	MPR
		Frequency (MHz)		3715.02	3840	3965.01	(dBm)	(dB)
30	QPSK	1	1	24.17	24.30	24.13	25.7	0.0
		Channel		647334	656002	664668	Tune-up limit	MPR
		Frequency (MHz)		3710.01	3840	3970.02	(dBm)	(dB)
20	QPSK	1	1	24.19	24.31	24.13	25.7	0.0
		Channel		647168	656002	665334	Tune-up limit	MPR
		Frequency (MHz)		3707.52	3840	3972.51	(dBm)	(dB)
15	QPSK	1	1	24.12	24.32	24.13	25.7	0.0
		Channel		647000	656000	665000	Tune-up limit	MPR
		Frequency (MHz)		3705	3840	3975	(dBm)	(dB)
10	QPSK	1	1	24.16	24.33	24.12	25.7	0.0

PC3 Part27Q n77 Ant1 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
		Channel			633334			
		Frequency (MHz)			3500.01			
100	PI/2 BPSK	1	1		22.10			
100	PI/2 BPSK	1	137		22.21		24.0	0.0
100	PI/2 BPSK	1	271		22.24			
100	PI/2 BPSK	135	0		22.19		24.0	0.0
100	PI/2 BPSK	135	69		22.26		24.0	0.0
100	PI/2 BPSK	135	138		22.27		24.0	0.0
100	PI/2 BPSK	270	0		22.21			
100	QPSK	1	1		22.35			
100	QPSK	1	137		22.18		24.0	0.0
100	QPSK	1	271		22.34			
100	QPSK	135	0		22.24		24.0	0.0
100	QPSK	135	69		22.30		24.0	0.0
100	QPSK	135	138		22.16		24.0	0.0
100	QPSK	270	0		22.27		24.0	0.0
100	16QAM	1	1		22.13		24.0	0.0
100	64QAM	1	1		21.76		23.5	0.5
100	256QAM	1	1		19.71		21.5	2.5
		Channel		633000	633334	633668	Tune-up limit	MPR
		Frequency (MHz)		3495	3500.01	3505.02	(dBm)	(dB)
90	QPSK	1	1	22.03	22.05	22.04	24.0	0.0
		Channel		632668	633334	634002	Tune-up limit	MPR
		Frequency (MHz)		3490.02	3500.01	3510	(dBm)	(dB)
80	QPSK	1	1	22.05	22.02	22.02	24.0	0.0
		Channel		632334	633334	634334	Tune-up limit	MPR
		Frequency (MHz)		3485.01	3500.01	3515.01	(dBm)	(dB)
70	QPSK	1	1	22.01	22.02	22.06	24.0	0.0
		Channel		632002	633334	634668	Tune-up limit	MPR
		Frequency (MHz)		3480	3500.01	3520.02	(dBm)	(dB)
60	QPSK	1	1	22.11	22.02	22.02	24.0	0.0
		Channel		631668	633334	635002	Tune-up limit	MPR
		Frequency (MHz)		3475.02	3500.01	3525	(dBm)	(dB)
50	QPSK	1	1	22.01	22.06	22.04	24.0	0.0
		Channel		631334	633334	635334	Tune-up limit	MPR
		Frequency (MHz)		3470.01	3500.01	3530.01	(dBm)	(dB)
40	QPSK	1	1	22.02	22.05	22.05	24.0	0.0
		Channel		631002	633334	635668	Tune-up limit	MPR
		Frequency (MHz)		3465	3500.01	3535.02	(dBm)	(dB)
30	QPSK	1	1	22.06	22.06	22.05	24.0	0.0
		Channel		630668	633334	636002	Tune-up limit	MPR
		Frequency (MHz)		3460.02	3500.01	3540	(dBm)	(dB)
20	QPSK	1	1	22.01	22.04	22.03	24.0	0.0
		Channel		630502	633334	636168	Tune-up limit	MPR
		Frequency (MHz)		3457.5	3500.01	3542.52	(dBm)	(dB)
15	QPSK	1	1	22.01	22.06	22.04	24.0	0.0
		Channel		630334	633334	636334	Tune-up limit	MPR
		Frequency (MHz)		3455.01	3500.01	3545.01	(dBm)	(dB)
10	QPSK	1	1	22.11	22.01	22.03	24.0	0.0

PC2 Part27Q n77 Ant1 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
		Channel			633334			
		Frequency (MHz)			3500.01			
100	PI/2 BPSK	1	1		23.92			
100	PI/2 BPSK	1	137		23.82		25.7	0.0
100	PI/2 BPSK	1	271		23.87			
100	PI/2 BPSK	135	0		23.75		25.7	0.0
100	PI/2 BPSK	135	69		23.73		25.7	0.0
100	PI/2 BPSK	135	138		23.81		25.7	0.0
100	PI/2 BPSK	270	0		23.76			
100	QPSK	1	1		23.99			
100	QPSK	1	137		23.94		25.7	0.0
100	QPSK	1	271		23.79			
100	QPSK	135	0		23.74		25.7	0.0
100	QPSK	135	69		23.80		25.7	0.0
100	QPSK	135	138		23.87		25.7	0.0
100	QPSK	270	0		23.79			
100	16QAM	1	1		23.75		25.7	0.0
100	64QAM	1	1		22.34		24.2	1.5
100	256QAM	1	1		20.40		22.2	3.5
		Channel		633000	633334	633668	Tune-up limit	MPR
		Frequency (MHz)		3495	3500.01	3505.02	(dBm)	(dB)
90	QPSK	1	1	23.86	23.88	23.95	25.7	0.0
		Channel		632668	633334	634002	Tune-up limit	MPR
		Frequency (MHz)		3490.02	3500.01	3510	(dBm)	(dB)
80	QPSK	1	1	23.91	23.92	23.91	25.7	0.0
		Channel		632334	633334	634334	Tune-up limit	MPR
		Frequency (MHz)		3485.01	3500.01	3515.01	(dBm)	(dB)
70	QPSK	1	1	23.95	23.84	23.85	25.7	0.0
		Channel		632002	633334	634668	Tune-up limit	MPR
		Frequency (MHz)		3480	3500.01	3520.02	(dBm)	(dB)
60	QPSK	1	1	23.85	23.93	23.88	25.7	0.0
		Channel		631668	633334	635002	Tune-up limit	MPR
		Frequency (MHz)		3475.02	3500.01	3525	(dBm)	(dB)
50	QPSK	1	1	23.88	23.85	23.88	25.7	0.0
		Channel		631334	633334	635334	Tune-up limit	MPR
		Frequency (MHz)		3470.01	3500.01	3530.01	(dBm)	(dB)
40	QPSK	1	1	23.90	23.94	23.84	25.7	0.0
		Channel		631002	633334	635668	Tune-up limit	MPR
		Frequency (MHz)		3465	3500.01	3535.02	(dBm)	(dB)
30	QPSK	1	1	23.92	23.89	23.85	25.7	0.0
		Channel		630668	633334	636002	Tune-up limit	MPR
		Frequency (MHz)		3460.02	3500.01	3540	(dBm)	(dB)
20	QPSK	1	1	23.88	23.93	23.88	25.7	0.0
		Channel		630502	633334	636168	Tune-up limit	MPR
		Frequency (MHz)		3457.5	3500.01	3542.52	(dBm)	(dB)
15	QPSK	1	1	23.95	23.92	23.91	25.7	0.0
		Channel		630334	633334	636334	Tune-up limit	MPR
		Frequency (MHz)		3455.01	3500.01	3545.01	(dBm)	(dB)
10	QPSK	1	1	23.92	23.89	23.89	25.7	0.0

PC3 Part27O n78 Ant1 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
		Channel		650000	650000	650000		
		Frequency (MHz)		3750	3750	3750		
100	PI/2 BPSK	1	1		22.21			
100	PI/2 BPSK	1	137		22.30		24.0	0.0
100	PI/2 BPSK	1	271		22.22			
100	PI/2 BPSK	135	0		22.19		24.0	0.0
100	PI/2 BPSK	135	69		22.29		24.0	0.0
100	PI/2 BPSK	135	138		22.30		24.0	0.0
100	PI/2 BPSK	270	0		22.17			
100	QPSK	1	1		22.34			
100	QPSK	1	137		22.30		24.0	0.0
100	QPSK	1	271		22.21			
100	QPSK	135	0		22.13		24.0	0.0
100	QPSK	135	69		22.31		24.0	0.0
100	QPSK	135	138		22.12			
100	QPSK	270	0		22.25		24.0	0.0
100	16QAM	1	1		22.20		24.0	0.0
100	64QAM	1	1		21.90		23.5	0.5
100	256QAM	1	1		19.72		21.5	2.5
		Channel		649668	650000	650334	Tune-up limit	MPR
		Frequency (MHz)		3745.02	3750	3755.01	(dBm)	(dB)
90	QPSK	1	1	22.23	22.28	22.30	24.0	0.0
		Channel		649334	650000	650668	Tune-up limit	MPR
		Frequency (MHz)		3740.01	3750	3760.02	(dBm)	(dB)
80	QPSK	1	1	22.22	22.26	22.29	24.0	0.0
		Channel		649000	650000	651002	Tune-up limit	MPR
		Frequency (MHz)		3735	3750	3765	(dBm)	(dB)
70	QPSK	1	1	22.22	22.27	22.28	24.0	0.0
		Channel		648668	650000	651334	Tune-up limit	MPR
		Frequency (MHz)		3730.02	3750	3770.01	(dBm)	(dB)
60	QPSK	1	1	22.24	22.25	22.20	24.0	0.0
		Channel		648334	650000	651668	Tune-up limit	MPR
		Frequency (MHz)		3725.01	3750	3775.02	(dBm)	(dB)
50	QPSK	1	1	22.22	22.26	22.29	24.0	0.0
		Channel		648000	650000	652002	Tune-up limit	MPR
		Frequency (MHz)		3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	22.20	22.22	22.27	24.0	0.0
		Channel		647668	650000	652334	Tune-up limit	MPR
		Frequency (MHz)		3715.02	3750	3785.01	(dBm)	(dB)
30	QPSK	1	1	22.20	22.28	22.27	24.0	0.0
		Channel		647334	650000	652668	Tune-up limit	MPR
		Frequency (MHz)		3710.01	3750	3790.02	(dBm)	(dB)
20	QPSK	1	1	22.28	22.26	22.22	24.0	0.0
		Channel		647168	650000	652334	Tune-up limit	MPR
		Frequency (MHz)		3707.52	3750	3792.51	(dBm)	(dB)
15	QPSK	1	1	22.24	22.30	22.29	24.0	0.0
		Channel		647000	650000	653002	Tune-up limit	MPR
		Frequency (MHz)		3705	3750	3795	(dBm)	(dB)
10	QPSK	1	1	22.25	22.25	22.22	24.0	0.0

PC2 Part27O n78 Ant1 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
		Channel		650000	650000	650000		
		Frequency (MHz)		3750	3750	3750		
100	PI/2 BPSK	1	1		24.25			
100	PI/2 BPSK	1	137		24.33		25.7	0.0
100	PI/2 BPSK	1	271		24.29			
100	PI/2 BPSK	135	0		24.19		25.7	0.0
100	PI/2 BPSK	135	69		24.18		25.7	0.0
100	PI/2 BPSK	135	138		24.15		25.7	0.0
100	PI/2 BPSK	270	0		24.17			
100	QPSK	1	1		24.36			
100	QPSK	1	137		24.31		25.7	0.0
100	QPSK	1	271		24.22			
100	QPSK	135	0		24.16		25.7	0.0
100	QPSK	135	69		24.20		25.7	0.0
100	QPSK	135	138		24.13			
100	QPSK	270	0		24.16		25.7	0.0
100	16QAM	1	1		24.12		25.7	0.0
100	64QAM	1	1		23.06		24.2	1.5
100	256QAM	1	1		20.97		22.2	3.5
		Channel		649668	650000	650334	Tune-up limit	MPR
		Frequency (MHz)		3745.02	3750	3755.01	(dBm)	(dB)
90	QPSK	1	1	24.32	24.24	24.28	25.7	0.0
		Channel		649334	650000	650668	Tune-up limit	MPR
		Frequency (MHz)		3740.01	3750	3760.02	(dBm)	(dB)
80	QPSK	1	1	24.31	24.23	24.23	25.7	0.0
		Channel		649000	650000	651002	Tune-up limit	MPR
		Frequency (MHz)		3735	3750	3765	(dBm)	(dB)
70	QPSK	1	1	24.22	24.31	24.28	25.7	0.0
		Channel		648668	650000	651334	Tune-up limit	MPR
		Frequency (MHz)		3730.02	3750	3770.01	(dBm)	(dB)
60	QPSK	1	1	24.31	24.22	24.27	25.7	0.0
		Channel		648334	650000	651668	Tune-up limit	MPR
		Frequency (MHz)		3725.01	3750	3775.02	(dBm)	(dB)
50	QPSK	1	1	24.28	24.30	24.33	25.7	0.0
		Channel		648000	650000	652002	Tune-up limit	MPR
		Frequency (MHz)		3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	24.24	24.32	24.25	25.7	0.0
		Channel		647668	650000	652334	Tune-up limit	MPR
		Frequency (MHz)		3715.02	3750	3785.01	(dBm)	(dB)
30	QPSK	1	1	24.23	24.21	24.28	25.7	0.0
		Channel		647334	650000	652668	Tune-up limit	MPR
		Frequency (MHz)		3710.01	3750	3790.02	(dBm)	(dB)
20	QPSK	1	1	24.29	24.24	24.33	25.7	0.0
		Channel		647168	650000	652334	Tune-up limit	MPR
		Frequency (MHz)		3707.52	3750	3792.51	(dBm)	(dB)
15	QPSK	1	1	24.32	24.21	24.30	25.7	0.0
		Channel		647000	650000	653002	Tune-up limit	MPR
		Frequency (MHz)		3705	3750	3795	(dBm)	(dB)
10	QPSK	1	1	24.26	24.24	24.23	25.7	0.0

PC3 Part27Q n78 Ant1 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
		Channel			633334			
		Frequency (MHz)			3600.01			
100	PI/2 BPSK	1	1		22.20			
100	PI/2 BPSK	1	137		22.06		24.0	0.0
100	PI/2 BPSK	1	271		22.21			
100	PI/2 BPSK	135	0		22.17		24.0	0.0
100	PI/2 BPSK	135	69		22.17		24.0	0.0
100	PI/2 BPSK	135	138		22.14		24.0	0.0
100	PI/2 BPSK	270	0		22.03			
100	QPSK	1	1		22.25			
100	QPSK	1	137		22.16		24.0	0.0
100	QPSK	1	271		22.20			
100	QPSK	135	0		22.05		24.0	0.0
100	QPSK	135	69		22.17		24.0	0.0
100	QPSK	135	138		22.15			
100	QPSK	270	0		22.07		24.0	0.0
100	16QAM	1	1		22.01		24.0	0.0
100	64QAM	1	1		21.81		23.5	0.5
100	256QAM	1	1		19.73		21.5	2.5
		Channel		633000	633334	633668	Tune-up limit	MPR
		Frequency (MHz)		3495	3500.01	3505.02	(dBm)	(dB)
90	QPSK	1	1	22.08	22.10	22.13	24.0	0.0
		Channel		632668	633334	634002	Tune-up limit	MPR
		Frequency (MHz)		3490.02	3500.01	3510	(dBm)	(dB)
80	QPSK	1	1	22.07	22.05	22.11	24.0	0.0
		Channel		632334	633334	634334	Tune-up limit	MPR
		Frequency (MHz)		3485.01	3500.01	3515.01	(dBm)	(dB)
70	QPSK	1	1	22.04	22.08	22.13	24.0	0.0
		Channel		632000	633334	634668	Tune-up limit	MPR
		Frequency (MHz)		3480	3500.01	3520.02	(dBm)	(dB)
60	QPSK	1	1	22.07	22.08	22.12	24.0	0.0
		Channel		631668	633334	635002	Tune-up limit	MPR
		Frequency (MHz)		3475.02	3500.01	3525	(dBm)	(dB)
50	QPSK	1	1	22.07	22.09	22.11	24.0	0.0
		Channel		631334	633334	635334	Tune-up limit	MPR
		Frequency (MHz)		3470.01	3500.01	3530.01	(dBm)	(dB)
40	QPSK	1	1	22.03	22.09	22.12	24.0	0.0
		Channel		631000	633334	635668	Tune-up limit	MPR
		Frequency (MHz)		3465	3500.01	3535.02	(dBm)	(dB)
30	QPSK	1	1	22.06	22.07	22.11	24.0	0.0
		Channel		630668	633334	636002	Tune-up limit	MPR
		Frequency (MHz)		3460.02	3500.01	3540	(dBm)	(dB)
20	QPSK	1	1	22.08	22.08	22.11	24.0	0.0
		Channel		630500	633334	636168	Tune-up limit	MPR
		Frequency (MHz)		3457.5	3500.01	3542.52	(dBm)	(dB)
15	QPSK	1	1	22.05	22.11	22.11	24.0	0.0
		Channel		630334	633334	636334	Tune-up limit	MPR
		Frequency (MHz)		3455.01	3500.01	3545.01	(dBm)	(dB)
10	QPSK	1	1	22.03	22.06	22.15	24.0	0.0

PC2 Part27Q n78 Ant1 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
		Channel			633334			
		Frequency (MHz)			3500.01			
100	PI/2 BPSK	1	1		23.90			
100	PI/2 BPSK	1	137		23.84		25.7	0.0
100	PI/2 BPSK	1	271		24.04			
100	PI/2 BPSK	135	0		23.94		25.7	0.0
100	PI/2 BPSK	135	69		23.88		25.7	0.0
100	PI/2 BPSK	135	138		23.99		25.7	0.0
100	PI/2 BPSK	270	0		23.91			
100	QPSK	1	1		24.05			
100	QPSK	1	137		23.95		25.7	0.0
100	QPSK	1	271		23.94			
100	QPSK	135	0		23.95		25.7	0.0
100	QPSK	135	69		24.03		25.7	0.0
100	QPSK	135	138		23.86		25.7	0.0
100	QPSK	270	0		23.97			
100	16QAM	1	1		23.79		25.7	0.0
100	64QAM	1	1		22.53		24.2	1.5
100	256QAM	1	1		20.43		22.2	3.5
		Channel		633000	633334	633668	Tune-up limit	MPR
		Frequency (MHz)		3495	3500.01	3505.02	(dBm)	(dB)
90	QPSK	1	1	23.90	23.99	23.93	25.7	0.0
		Channel		632668	633334	634002	Tune-up limit	MPR
		Frequency (MHz)		3490.02	3500.01	3510	(dBm)	(dB)
80	QPSK	1	1	24.00	23.91	23.92	25.7	0.0
		Channel		632334	633334	634334	Tune-up limit	MPR
		Frequency (MHz)		3485.01	3500.01	3515.01	(dBm)	(dB)
70	QPSK	1	1	23.94	23.91	23.92	25.7	0.0
		Channel		632000	633334	634668	Tune-up limit	MPR
		Frequency (MHz)		3480	3500.01	3520.02	(dBm)	(dB)
60	QPSK	1	1	23.96	24.01	23.96	25.7	0.0
		Channel		631668	633334	635002	Tune-up limit	MPR
		Frequency (MHz)		3475.02	3500.01	3525	(dBm)	(dB)
50	QPSK	1	1	24.02	24.02	23.99	25.7	0.0
		Channel		631334	633334	635334	Tune-up limit	MPR
		Frequency (MHz)		3470.01	3500.01	3530.01	(dBm)	(dB)
40	QPSK	1	1	23.93	23.95	23.94	25.7	0.0
		Channel		631000	633334	635668	Tune-up limit	MPR
		Frequency (MHz)		3465	3500.01	3535.02	(dBm)	(dB)
30	QPSK	1	1	23.97	23.97	23.94	25.7	0.0
		Channel		630668	633334	636002	Tune-up limit	MPR
		Frequency (MHz)		3460.02	3500.01	3540	(dBm)	(dB)
20	QPSK	1	1	24.02	23.91	23.98	25.7	0.0
		Channel		630500	633334	636168	Tune-up limit	MPR
		Frequency (MHz)		3457.5	3500.01	3542.52	(dBm)	(dB)
15	QPSK	1	1	23.98	23.93	23.98	25.7	0.0
		Channel		630334	633334	636334	Tune-up limit	MPR
		Frequency (MHz)		3455.01	3500.01	3545.01	(dBm)	(dB)
10	QPSK	1	1	23.95	23.95	23.95	25.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	25.04	25.05	25.09	25.7	0.0
40	PI/2 BPSK	1	108	25.16	25.05	25.05		
40	PI/2 BPSK	1	214	25.02	25.07	25.11		
40	PI/2 BPSK	108	0	24.46	24.64	24.46	25.2	0.5
40	PI/2 BPSK	108	54	24.95	25.22	25.13	25.7	0.0
40	PI/2 BPSK	108	108	24.51	24.78	24.71	25.2	0.5
40	PI/2 BPSK	216	0	24.66	24.80	24.38		
40	QPSK	1	1	25.02	25.25	25.05	25.7	0.0
40	QPSK	1	108	25.17	25.17	25.04		
40	QPSK	1	214	25.09	24.87	24.84		
40	QPSK	108	0	23.91	24.23	23.98	24.7	1.0
40	QPSK	108	54	24.97	25.21	25.06	25.7	0.0
40	QPSK	108	108	24.02	24.06	23.86	24.7	1.0
40	QPSK	216	0	23.83	24.25	24.07		
40	16QAM	1	1	24.18	24.08	24.18	24.7	1.0
40	64QAM	1	1	22.50	22.66	22.50	23.2	2.5
40	256QAM	1	1	20.50	20.52	20.42	21.2	4.5
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	25.03	25.05	24.91	25.7	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	25.03	25.03	24.94	25.7	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	25.01	25.16	25.00	25.7	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	24.94	25.24	24.95	25.7	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	24.91	25.11	25.09	25.7	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	24.98	25.16	24.92	25.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	25.22	25.21	25.24	25.7	0.0
40	PI/2 BPSK	1	108	25.16	25.24	25.06		
40	PI/2 BPSK	1	214	25.22	25.15	25.10		
40	PI/2 BPSK	108	0	24.71	24.67	24.82	25.2	0.5
40	PI/2 BPSK	108	54	25.21	25.20	25.09	25.7	0.0
40	PI/2 BPSK	108	108	24.88	24.84	24.97	25.2	0.5
40	PI/2 BPSK	216	0	24.62	24.77	24.90		
40	QPSK	1	1	25.14	25.27	25.06	25.7	0.0
40	QPSK	1	108	25.08	25.20	25.11		
40	QPSK	1	214	25.21	25.22	25.22		
40	QPSK	108	0	24.22	24.24	24.21	24.7	1.0
40	QPSK	108	54	25.09	25.18	25.00	25.7	0.0
40	QPSK	108	108	24.19	24.04	23.91	24.7	1.0
40	QPSK	216	0	24.33	24.39	24.32		
40	16QAM	1	1	24.14	24.29	24.12	24.7	1.0
40	64QAM	1	1	22.92	22.82	22.65	23.2	2.5
40	256QAM	1	1	20.53	20.72	20.81	21.2	4.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	24.99	25.13	25.08	25.7	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	25.04	25.09	24.91	25.7	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	24.98	25.18	24.86	25.7	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	25.08	25.11	25.00	25.7	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	25.02	25.18	25.07	25.7	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	24.98	25.17	24.94	25.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	24.98	25.15	25.04		
40	PI/2 BPSK	1	53	24.93	25.11	25.06	25.7	0.0
40	PI/2 BPSK	1	104	25.11	25.19	25.02		
40	PI/2 BPSK	50	0	24.61	24.78	24.75	25.2	0.5
40	PI/2 BPSK	50	28	25.03	25.16	25.01	25.7	0.0
40	PI/2 BPSK	50	56	24.59	24.85	24.53	25.2	0.5
40	PI/2 BPSK	100	0	24.58	24.76	24.52		
40	QPSK	1	1	25.12	25.23	25.18		
40	QPSK	1	53	25.05	25.08	25.04	25.7	0.0
40	QPSK	1	104	25.07	25.17	25.08		
40	QPSK	50	0	24.21	24.26	24.13	24.7	1.0
40	QPSK	50	28	25.05	25.19	25.01	25.7	0.0
40	QPSK	50	56	24.05	24.13	24.05	24.7	1.0
40	QPSK	100	0	24.11	24.21	24.12		
40	16QAM	1	1	24.13	24.27	24.15	24.7	1.0
40	64QAM	1	1	22.62	22.79	22.69	23.2	2.5
40	256QAM	1	1	20.51	20.66	20.60	21.2	4.5
Channel				517702	518000	518998	Tune-up limit	MPR
Frequency (MHz)				2585.01	2595	2604.99	(dBm)	(dB)
30	QPSK	1	1	24.93	25.03	24.99	25.7	0.0
Channel				517600	518000	518200	Tune-up limit	MPR
Frequency (MHz)				2580	2595	2610	(dBm)	(dB)
20	QPSK	1	1	24.90	25.16	25.18	25.7	0.0
Channel				517502	518000	518498	Tune-up limit	MPR
Frequency (MHz)				2577.51	2595	2612.49	(dBm)	(dB)
15	QPSK	1	1	25.06	25.01	25.03	25.7	0.0
Channel				517404	518002	518299	Tune-up limit	MPR
Frequency (MHz)				2575.02	2595	2614.98	(dBm)	(dB)
10	QPSK	1	1	25.09	25.04	25.16	25.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	25.25	25.44	25.40		
100	PI/2 BPSK	1	137	25.06	25.36	25.31	25.7	0.0
100	PI/2 BPSK	1	271	25.27	25.39	25.37		
100	PI/2 BPSK	135	0	24.81	25.00	24.95	25.2	0.5
100	PI/2 BPSK	135	69	25.31	25.48	25.32	25.7	0.0
100	PI/2 BPSK	135	138	24.66	24.89	24.79	25.2	0.5
100	PI/2 BPSK	270	0	24.77	24.91	24.87		
100	QPSK	1	1	25.30	25.51	25.45		
100	QPSK	1	137	25.34	25.46	25.32	25.7	0.0
100	QPSK	1	271	25.05	25.26	25.11		
100	QPSK	135	0	24.12	24.32	24.34	24.7	1.0
100	QPSK	135	69	25.23	25.39	25.27	25.7	0.0
100	QPSK	135	138	24.13	24.37	24.22	24.7	1.0
100	QPSK	270	0	24.15	24.42	24.34		
100	16QAM	1	1	24.12	24.29	24.26	24.7	1.0
100	64QAM	1	1	22.59	22.84	22.83	23.2	2.5
100	256QAM	1	1	20.77	21.02	20.93	21.2	4.5
Channel				508200	518598	528998	Tune-up limit	MPR
Frequency (MHz)				2541	2592.99	2644.98	(dBm)	(dB)
90	QPSK	1	1	25.16	25.38	25.33	25.7	0.0
Channel				507204	518598	529998	Tune-up limit	MPR
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)	(dB)
80	QPSK	1	1	25.27	25.27	25.42	25.7	0.0
Channel				506202	518598	531002	Tune-up limit	MPR
Frequency (MHz)				2531.01	2592.99	2655	(dBm)	(dB)
70	QPSK	1	1	25.11	25.49	25.24	25.7	0.0
Channel				505200	518598	531996	Tuneup limit	MPR
Frequency (MHz)				2526	2592.99	2659.98	(dBm)	(dB)
60	QPSK	1	1	25.07	25.45	25.31	25.7	0.0
Channel				504204	518598	532998	Tuneup limit	MPR
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)	(dB)
50	QPSK	1	1	25.11	25.41	25.37	25.7	0.0
Channel				503202	518598	534000	Tuneup limit	MPR
Frequency (MHz)				2516.01	2592.99	2670	(dBm)	(dB)
40	QPSK	1	1	25.17	25.36	25.26	25.7	0.0
Channel				502200	518598	535998	Tuneup limit	MPR
Frequency (MHz)				2511	2592.99	2674.98	(dBm)	(dB)
30	QPSK	1	1	25.20	25.46	25.34	25.7	0.0
Channel				501204	518598	537996	Tuneup limit	MPR
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)	(dB)
20	QPSK	1	1	25.27	25.48	25.41	25.7	0.0
Channel				500700	518598	536496	Tuneup limit	MPR
Frequency (MHz)				2503.5	2592.99	2682.48	(dBm)	(dB)
15	QPSK	1	1	25.16	25.32	25.26	25.7	0.0
Channel				500202	518598	537000	Tuneup limit	MPR
Frequency (MHz)				2501.01	2592.99	2685	(dBm)	(dB)
10	QPSK	1	1	25.24	25.44	25.21	25.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel			650000	656000	662000		
	Frequency (MHz)			3750	3840	3930		
100	PI/2 BPSK	1	1	22.04	22.11	22.06	23.5	0.0
100	PI/2 BPSK	1	137	22.02	22.03	21.91		
100	PI/2 BPSK	1	271	21.95	22.01	21.99		
100	PI/2 BPSK	135	0	21.66	21.91	21.79	23.5	0.0
100	PI/2 BPSK	135	69	21.93	22.07	21.98	23.5	0.0
100	PI/2 BPSK	135	138	21.71	21.80	21.70	23.5	0.0
100	PI/2 BPSK	270	0	21.64	21.75	21.66		
100	QPSK	1	1	22.01	22.17	22.08	23.5	0.0
100	QPSK	1	137	22.11	22.13	22.09		
100	QPSK	1	271	22.02	22.00	22.04		
100	QPSK	135	0	21.81	22.02	21.89	23.5	0.0
100	QPSK	135	69	22.03	22.07	21.91	23.5	0.0
100	QPSK	135	138	21.98	21.94	21.83	23.5	0.0
100	QPSK	270	0	21.93	21.94	21.79	23.5	0.0
100	16QAM	1	1	21.86	21.99	21.78		
100	64QAM	1	1	21.33	21.49	21.40	23.0	0.5
100	256QAM	1	1	19.39	19.56	19.34	21.0	2.5
	Channel			648018	656000	663234	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3745.02	3840	3935.01		
90	QPSK	1	1	21.89	22.04	22.00	23.5	0.0
	Channel			648234	656000	663668	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3740.01	3840	3940.02		
80	QPSK	1	1	21.98	22.07	21.95	23.5	0.0
	Channel			649002	656000	663000	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3735	3840	3945		
70	QPSK	1	1	21.95	22.10	21.94	23.5	0.0
	Channel			648018	656000	663234	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3730.02	3840	3950.01		
60	QPSK	1	1	21.97	22.12	21.97	23.5	0.0
	Channel			648234	656000	663668	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3725.01	3840	3955.02		
50	QPSK	1	1	21.92	22.10	22.03	23.5	0.0
	Channel			649002	656000	664002	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3720	3840	3960		
40	QPSK	1	1	21.86	22.10	21.99	23.5	0.0
	Channel			647018	656000	664234	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3715.02	3840	3965.01		
30	QPSK	1	1	21.90	22.11	21.94	23.5	0.0
	Channel			647234	656000	664668	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3710.01	3840	3970.02		
20	QPSK	1	1	21.93	22.13	22.01	23.5	0.0
	Channel			647168	656000	664334	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3707.52	3840	3972.51		
15	QPSK	1	1	21.88	22.12	21.98	23.5	0.0
	Channel			647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3705	3840	3975		
10	QPSK	1	1	21.94	22.12	22.03	23.5	0.0

PC2 Part27O n77 Ant3 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel			650000	656000	662000		
	Frequency (MHz)			3750	3840	3930		
100	PI/2 BPSK	1	0	23.89	23.95	23.80	25.5	0.0
100	PI/2 BPSK	1	137	24.00	24.04	23.91		
100	PI/2 BPSK	1	271	23.84	23.91	23.79		
100	PI/2 BPSK	135	0	23.87	24.04	23.98	25.5	0.0
100	PI/2 BPSK	135	69	23.92	23.98	23.89	25.5	0.0
100	PI/2 BPSK	135	138	23.66	23.74	23.67	25.5	0.0
100	PI/2 BPSK	270	0	23.81	23.96	23.85		
100	QPSK	1	1	23.86	24.09	23.98	25.5	0.0
100	QPSK	1	137	23.99	24.02	23.92		
100	QPSK	1	271	23.89	23.93	23.75		
100	QPSK	135	0	23.90	23.98	23.82	25.5	0.0
100	QPSK	135	69	23.97	24.00	23.95	25.5	0.0
100	QPSK	135	138	23.65	23.69	23.52	25.5	0.0
100	QPSK	270	0	23.63	23.77	23.69	25.5	0.0
100	16QAM	1	1	23.59	23.53	23.59	25.5	0.0
100	64QAM	1	1	22.12	22.13	22.15	24.0	1.5
100	256QAM	1	1	20.33	20.43	20.28	22.0	3.5
	Channel			648018	656000	663234	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3745.02	3840	3935.01		
90	QPSK	1	1	23.79	23.98	23.84	25.5	0.0
	Channel			648234	656000	663668	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3740.01	3840	3940.02		
80	QPSK	1	1	23.71	24.00	23.91	25.5	0.0
	Channel			649002	656000	663000	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3735	3840	3945		
70	QPSK	1	1	23.81	23.91	23.81	25.5	0.0
	Channel			648018	656000	663234	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3730.02	3840	3950.01		
60	QPSK	1	1	23.72	24.06	23.84	25.5	0.0
	Channel			648234	656000	663668	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3725.01	3840	3955.02		
50	QPSK	1	1	23.71	24.01	23.94	25.5	0.0
	Channel			649002	656000	664002	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3720	3840	3960		
40	QPSK	1	1	23.83	23.93	23.91	25.5	0.0
	Channel			647018	656000	664234	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3715.02	3840	3965.01		
30	QPSK	1	1	23.77	24.05	23.89	25.5	0.0
	Channel			647234	656000	664668	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3710.01	3840	3970.02		
20	QPSK	1	1	23.83	24.02	23.93	25.5	0.0
	Channel			647168	656000	664334	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3707.52	3840	3972.51		
15	QPSK	1	1	23.75	23.97	23.95	25.5	0.0
	Channel			647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3705	3840	3975		
10	QPSK	1	1	23.73	23.95	23.82	25.5	0.0

PC3 Part27Q n77 Ant3 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel				633334			
	Frequency (MHz)				3500.01			
100	PI/2 BPSK	1	1		21.72		23.5	0.0
100	PI/2 BPSK	1	137		21.68			
100	PI/2 BPSK	1	271		21.70			
100	PI/2 BPSK	135	0		21.70		23.5	0.0
100	PI/2 BPSK	135	69		21.74		23.5	0.0
100	PI/2 BPSK	135	138		21.66		23.5	0.0
100	PI/2 BPSK	270	0		21.65			
100	QPSK	1	1		21.89		23.5	0.0
100	QPSK	1	137		21.68			
100	QPSK	1	271		21.74			
100	QPSK	135	0		21.66		23.5	0.0
100	QPSK	135	69		21.74		23.5	0.0
100	QPSK	135	138		21.65		23.5	0.0
100	QPSK	270	0		21.71			
100	16QAM	1	1		21.65		23.5	0.0
100	64QAM	1	1		21.24		23.0	0.5
100	256QAM	1	1		19.33		21.0	2.5
	Channel			633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3495	3500.01	3505.02		
90	QPSK	1	1	21.66	21.76	21.74	23.5	0.0
	Channel			632668	633334	634002	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3490.02	3500.01	3510		
80	QPSK	1	1	21.72	21.69	21.67	23.5	0.0
	Channel			632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3485.01	3500.01	3515.01		
70	QPSK	1	1	21.68	21.70	21.65	23.5	0.0
	Channel			632002	633334	634668	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3480	3500.01	3520.02		
60	QPSK	1	1	21.75	21.72	21.76	23.5	0.0
	Channel			631668	633334	635002	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3475.02	3500.01	3525		
50	QPSK	1	1	21.70	21.74	21.70	23.5	0.0
	Channel			631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3470.01	3500.01	3530.01		
40	QPSK	1	1	21.72	21.77	21.66	23.5	0.0
	Channel			631002	633334	635668	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3465	3500.01	3535.02		
30	QPSK	1	1	21.74	21.70	21.74	23.5	0.0
	Channel			630668	633334	636002	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3460.02	3500.01	3540		
20	QPSK	1	1	21.67	21.70	21.76	23.5	0.0
	Channel			630334	633334	636668	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3457.5	3500.01	3542.52		
15	QPSK	1	1	21.76	21.76	21.66	23.5	0.0
	Channel			630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3455.01	3500.01	3545.01		
10	QPSK	1	1	21.66	21.72	21.69	23.5	0.0

PC2 Part27Q n77 Ant3 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel				633334			
	Frequency (MHz)				3500.01			
100	PI/2 BPSK	1	0		23.70		25.5	0.0
100	PI/2 BPSK	1	137		23.63			
100	PI/2 BPSK	1	271		23.71			
100	PI/2 BPSK	135	0		23.69		25.5	0.0
100	PI/2 BPSK	135	69		23.72		25.5	0.0
100	PI/2 BPSK	135	138		23.66		25.5	0.0
100	PI/2 BPSK	270	0		23.74			
100	QPSK	1	1		23.78		25.5	0.0
100	QPSK	1	137		23.76			
100	QPSK	1	271		23.68			
100	QPSK	135	0		23.72		25.5	0.0
100	QPSK	135	69		23.73		25.5	0.0
100	QPSK	135	138		23.68		25.5	0.0
100	QPSK	270	0		23.71			
100	16QAM	1	1		23.72		25.5	0.0
100	64QAM	1	1		22.37		24.0	1.5
100	256QAM	1	1		20.24		22.0	3.5
	Channel			633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3495	3500.01	3505.02		
90	QPSK	1	1	23.83	23.72	23.70	25.5	0.0
	Channel			632668	633334	634002	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3490.02	3500.01	3510		
80	QPSK	1	1	23.74	23.72	23.64	25.5	0.0
	Channel			632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3485.01	3500.01	3515.01		
70	QPSK	1	1	23.71	23.69	23.66	25.5	0.0
	Channel			632002	633334	634668	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3480	3500.01	3520.02		
60	QPSK	1	1	23.70	23.68	23.70	25.5	0.0
	Channel			631668	633334	635002	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3475.02	3500.01	3525		
50	QPSK	1	1	23.72	23.67	23.64	25.5	0.0
	Channel			631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3470.01	3500.01	3530.01		
40	QPSK	1	1	23.70	23.68	23.65	25.5	0.0
	Channel			631002	633334	635668	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3465	3500.01	3535.02		
30	QPSK	1	1	23.68	23.68	23.71	25.5	0.0
	Channel			630668	633334	636002	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3460.02	3500.01	3540		
20	QPSK	1	1	23.64	23.70	23.66	25.5	0.0
	Channel			630334	633334	636668	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3457.5	3500.01	3542.52		
15	QPSK	1	1	23.67	23.67	23.69	25.5	0.0
	Channel			630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3455.01	3500.01	3545.01		
10	QPSK	1	1	23.72	23.68	23.65	25.5	0.0

PC3 Part27O n78 Ant3 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
		Channel		650000	650000	650000		
		Frequency (MHz)		3750	3750	3750		
100	PI/2 BPSK	1	1		21.83			
100	PI/2 BPSK	1	137		21.88		23.5	0.0
100	PI/2 BPSK	1	271		21.71			
100	PI/2 BPSK	135	0		21.58		23.5	0.0
100	PI/2 BPSK	135	69		21.71		23.5	0.0
100	PI/2 BPSK	135	138		21.65		23.5	0.0
100	PI/2 BPSK	270	0		21.61			
100	QPSK	1	1		21.89		23.5	0.0
100	QPSK	1	137		21.85			
100	QPSK	1	271		21.78			
100	QPSK	135	0		21.73		23.5	0.0
100	QPSK	135	69		21.76		23.5	0.0
100	QPSK	135	138		21.63		23.5	0.0
100	QPSK	270	0		21.66		23.5	0.0
100	16QAM	1	1		21.62		23.5	0.8
100	64QAM	1	1		21.13		23.0	0.5
100	256QAM	1	1		19.19		21.0	2.5
		Channel		649668	650334	650334	Tune-up limit	MPR
		Frequency (MHz)		3745.02	3750	3755.01	(dBm)	(dB)
90	QPSK	1	1	21.84	21.82	21.81	23.5	0.0
		Channel		649334	650002	650668	Tune-up limit	MPR
		Frequency (MHz)		3740.01	3750	3760.02	(dBm)	(dB)
80	QPSK	1	1	21.80	21.83	21.76	23.5	0.0
		Channel		649002	650002	651002	Tune-up limit	MPR
		Frequency (MHz)		3735	3750	3765	(dBm)	(dB)
70	QPSK	1	1	21.82	21.77	21.77	23.5	0.0
		Channel		648668	650002	651334	Tune-up limit	MPR
		Frequency (MHz)		3730.02	3750	3770.01	(dBm)	(dB)
60	QPSK	1	1	21.82	21.85	21.77	23.5	0.0
		Channel		648334	650002	651668	Tune-up limit	MPR
		Frequency (MHz)		3725.01	3750	3775.02	(dBm)	(dB)
50	QPSK	1	1	21.83	21.75	21.82	23.5	0.0
		Channel		648002	650002	652002	Tune-up limit	MPR
		Frequency (MHz)		3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	21.77	21.74	21.82	23.5	0.0
		Channel		647668	650002	652334	Tune-up limit	MPR
		Frequency (MHz)		3715.02	3750	3785.01	(dBm)	(dB)
30	QPSK	1	1	21.79	21.74	21.80	23.5	0.0
		Channel		647334	650002	652668	Tune-up limit	MPR
		Frequency (MHz)		3710.01	3750	3790.02	(dBm)	(dB)
20	QPSK	1	1	21.84	21.81	21.83	23.5	0.0
		Channel		647168	650002	652334	Tune-up limit	MPR
		Frequency (MHz)		3707.52	3750	3792.51	(dBm)	(dB)
15	QPSK	1	1	21.82	21.76	21.75	23.5	0.0
		Channel		647002	650002	653002	Tune-up limit	MPR
		Frequency (MHz)		3705	3750	3795	(dBm)	(dB)
10	QPSK	1	1	21.75	21.77	21.81	23.5	0.0

PC2 Part27O n78 Ant3 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
		Channel		650000	650000	650000		
		Frequency (MHz)		3750	3750	3750		
100	PI/2 BPSK	1	1		23.71			
100	PI/2 BPSK	1	137		23.75		25.0	0.0
100	PI/2 BPSK	1	271		23.69			
100	PI/2 BPSK	135	0		23.53		25.0	0.0
100	PI/2 BPSK	135	69		23.67		25.0	0.0
100	PI/2 BPSK	135	138		23.56		25.0	0.0
100	PI/2 BPSK	270	0		23.64			
100	QPSK	1	1		23.81		25.0	0.0
100	QPSK	1	137		23.78			
100	QPSK	1	271		23.64			
100	QPSK	135	0		23.58		25.0	0.0
100	QPSK	135	69		23.73		25.0	0.0
100	QPSK	135	138		23.51		25.0	0.0
100	QPSK	270	0		23.70		25.0	0.0
100	16QAM	1	1		23.14		25.0	0.0
100	64QAM	1	1		21.69		23.5	1.5
100	256QAM	1	1		19.95		21.5	3.5
		Channel		649668	650002	650334	Tune-up limit	MPR
		Frequency (MHz)		3745.02	3750	3755.01	(dBm)	(dB)
90	QPSK	1	1	23.68	23.67	23.77	25.0	0.0
		Channel		649334	650002	650668	Tune-up limit	MPR
		Frequency (MHz)		3740.01	3750	3760.02	(dBm)	(dB)
80	QPSK	1	1	23.75	23.74	23.68	25.0	0.0
		Channel		649002	650002	651002	Tune-up limit	MPR
		Frequency (MHz)		3735	3750	3765	(dBm)	(dB)
70	QPSK	1	1	23.76	23.75	23.78	25.0	0.0
		Channel		648668	650002	651334	Tune-up limit	MPR
		Frequency (MHz)		3730.02	3750	3770.01	(dBm)	(dB)
60	QPSK	1	1	23.63	23.69	23.68	25.0	0.0
		Channel		648334	650002	651668	Tune-up limit	MPR
		Frequency (MHz)		3725.01	3750	3775.02	(dBm)	(dB)
50	QPSK	1	1	23.77	23.68	23.71	25.0	0.0
		Channel		648002	650002	652002	Tune-up limit	MPR
		Frequency (MHz)		3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	23.69	23.73	23.78	25.0	0.0
		Channel		647668	650002	652334	Tune-up limit	MPR
		Frequency (MHz)		3715.02	3750	3785.01	(dBm)	(dB)
30	QPSK	1	1	23.78	23.64	23.76	25.0	0.0
		Channel		647334	650002	652668	Tune-up limit	MPR
		Frequency (MHz)		3710.01	3750	3790.02	(dBm)	(dB)
20	QPSK	1	1	23.68	23.71	23.73	25.0	0.0
		Channel		647168	650002	652334	Tune-up limit	MPR
		Frequency (MHz)		3707.52	3750	3792.51	(dBm)	(dB)
15	QPSK	1	1	23.69	23.63	23.66	25.0	0.0
		Channel		647002	650002	653002	Tune-up limit	MPR
		Frequency (MHz)		3705	3750	3795	(dBm)	(dB)
10	QPSK	1	1	23.66	23.78	23.69	25.0	0.0

PC3 Part27Q n78 Ant3 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
		Channel			633334			
		Frequency (MHz)			3500.01			
100	PI/2 BPSK	1	1		21.68			
100	PI/2 BPSK	1	137		21.75		23.5	0.0
100	PI/2 BPSK	1	271		21.66			
100	PI/2 BPSK	135	0		21.54		23.5	0.0
100	PI/2 BPSK	135	69		21.72		23.5	0.0
100	PI/2 BPSK	135	138		21.55		23.5	0.0
100	PI/2 BPSK	270	0		21.58			
100	QPSK	1	1		21.76		23.5	0.0
100	QPSK	1	137		21.70			
100	QPSK	1	271		21.65			
100	QPSK	135	0		21.62		23.5	0.0
100	QPSK	135	69		21.69		23.5	0.0
100	QPSK	135	138		21.66		23.5	0.0
100	QPSK	270	0		21.73		23.5	0.0
100	16QAM	1	1		21.75		23.5	0.8
100	64QAM	1	1		21.10		23.0	0.5
100	256QAM	1	1		19.29		21.0	2.5
		Channel		633000	633334	633668	Tune-up limit	MPR
		Frequency (MHz)		3495	3500.01	3505.02	(dBm)	(dB)
90	QPSK	1	1	21.68	21.68	21.64	23.5	0.0
		Channel		632668	633334	634002	Tune-up limit	MPR
		Frequency (MHz)		3490.02	3500.01	3510	(dBm)	(dB)
80	QPSK	1	1	21.71	21.72	21.70	23.5	0.0
		Channel		632334	633334	634334	Tune-up limit	MPR
		Frequency (MHz)		3485.01	3500.01	3515.01	(dBm)	(dB)
70	QPSK	1	1	21.65	21.72	21.61	23.5	0.0
		Channel		632002	633334	634668	Tune-up limit	MPR
		Frequency (MHz)		3480	3500.01	3520.02	(dBm)	(dB)
60	QPSK	1	1	21.72	21.73	21.70	23.5	0.0
		Channel		631668	633334	635002	Tune-up limit	MPR
		Frequency (MHz)		3475.02	3500.01	3525	(dBm)	(dB)
50	QPSK	1	1	21.63	21.63	21.72	23.5	0.0
		Channel		631334	633334	635334	Tune-up limit	MPR
		Frequency (MHz)		3470.01	3500.01	3530.01	(dBm)	(dB)
40	QPSK	1	1	21.67	21.65	21.71	23.5	0.0
		Channel		631002	633334	635668	Tune-up limit	MPR
		Frequency (MHz)		3465	3500.01	3535.02	(dBm)	(dB)
30	QPSK	1	1	21.65	21.65	21.70	23.5	0.0
		Channel		630668	633334	636002	Tune-up limit	MPR
		Frequency (MHz)		3460.02	3500.01	3540	(dBm)	(dB)
20	QPSK	1	1	21.68	21.71	21.70	23.5	0.0
		Channel		630002	633334	636668	Tune-up limit	MPR
		Frequency (MHz)		3457.5	3500.01	3542.52	(dBm)	(dB)
15	QPSK	1	1	21.66	21.65	21.65	23.5	0.0
		Channel		630334	633334	636334	Tune-up limit	MPR
		Frequency (MHz)		3455.01	3500.01	3545.01	(dBm)	(dB)
10	QPSK	1	1	21.71	21.72	21.63	23.5	0.0

PC2 Part27Q n78 Ant3 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
		Channel			633334			
		Frequency (MHz)			3500.01			
100	PI/2 BPSK	1	1		23.62			
100	PI/2 BPSK	1	137		23.69		25.0	0.0
100	PI/2 BPSK	1	271		23.66			
100	PI/2 BPSK	135	0		23.55		25.0	0.0
100	PI/2 BPSK	135	69		23.68		25.0	0.0
100	PI/2 BPSK	135	138		23.66		25.0	0.0
100	PI/2 BPSK	270	0		23.61			
100	QPSK	1	1		23.71		25.0	0.0
100	QPSK	1	137		23.67			
100	QPSK	1	271		23.68			
100	QPSK	135	0		23.60		25.0	0.0
100	QPSK	135	69		23.70		25.0	0.0
100	QPSK	135	138		23.66		25.0	0.0
100	QPSK	270	0		23.71			
100	16QAM	1	1		23.57		25.0	0.0
100	64QAM	1	1		22.12		23.5	1.5
100	256QAM	1	1		20.34		21.5	3.5
		Channel		633000	633334	633668	Tune-up limit	MPR
		Frequency (MHz)		3495	3500.01	3505.02	(dBm)	(dB)
90	QPSK	1	1	23.58	23.68	23.57	25.0	0.0
		Channel		632668	633334	634002	Tune-up limit	MPR
		Frequency (MHz)		3490.02	3500.01	3510	(dBm)	(dB)
80	QPSK	1	1	23.56	23.64	23.58	25.0	0.0
		Channel		632334	633334	634334	Tune-up limit	MPR
		Frequency (MHz)		3485.01	3500.01	3515.01	(dBm)	(dB)
70	QPSK	1	1	23.57	23.62	23.60	25.0	0.0
		Channel		632002	633334	634668	Tune-up limit	MPR
		Frequency (MHz)		3480	3500.01	3520.02	(dBm)	(dB)
60	QPSK	1	1	23.61	23.65	23.65	25.0	0.0
		Channel		631668	633334	635002	Tune-up limit	MPR
		Frequency (MHz)		3475.02	3500.01	3525	(dBm)	(dB)
50	QPSK	1	1	23.68	23.66	23.58	25.0	0.0
		Channel		631334	633334	635334	Tune-up limit	MPR
		Frequency (MHz)		3470.01	3500.01	3530.01	(dBm)	(dB)
40	QPSK	1	1	23.61	23.56	23.56	25.0	0.0
		Channel		631002	633334	635668	Tune-up limit	MPR
		Frequency (MHz)		3465	3500.01	3535.02	(dBm)	(dB)
30	QPSK	1	1	23.62	23.63	23.65	25.0	0.0
		Channel		630668	633334	636002	Tune-up limit	MPR
		Frequency (MHz)		3460.02	3500.01	3540	(dBm)	(dB)
20	QPSK	1	1	23.62	23.59	23.64	25.0	0.0
		Channel		630002	633334	636668	Tune-up limit	MPR
		Frequency (MHz)		3457.5	3500.01	3542.52	(dBm)	(dB)
15	QPSK	1	1	23.58	23.60	23.64	25.0	0.0
		Channel		630334	633334	636334	Tune-up limit	MPR
		Frequency (MHz)		3455.01	3500.01	3545.01	(dBm)	(dB)
10	QPSK	1	1	23.64	23.56	23.61	25.0	0.0

n7 Ant4 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	25.07	25.29	25.27	25.7	0.0
40	PI/2 BPSK	1	108	25.23	25.28	25.09		
40	PI/2 BPSK	1	214	25.10	25.27	25.03		
40	PI/2 BPSK	108	0	24.63	24.73	24.66	25.2	0.5
40	PI/2 BPSK	108	54	25.26	25.15	25.18	25.7	0.0
40	PI/2 BPSK	108	108	24.56	24.86	24.65	25.2	0.5
40	PI/2 BPSK	216	0	24.67	24.74	24.76		
40	QPSK	1	1	25.13	25.34	25.30	25.7	0.0
40	QPSK	1	108	25.28	25.20	25.08		
40	QPSK	1	214	25.18	25.28	25.19		
40	QPSK	108	0	24.11	24.29	24.22	24.7	1.0
40	QPSK	108	54	25.11	25.25	25.13	25.7	0.0
40	QPSK	108	108	24.18	24.19	24.20	24.7	1.0
40	QPSK	216	0	24.30	24.37	24.32		
40	16QAM	1	1	24.16	24.47	24.26	24.7	1.0
40	64QAM	1	1	22.73	23.00	22.91	23.2	2.5
40	256QAM	1	1	20.85	20.88	20.87	21.2	4.5
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	25.14	25.28	25.20	25.7	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	24.97	25.14	25.12	25.7	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	24.99	25.20	25.28	25.7	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	25.01	25.31	25.28	25.7	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	24.92	25.20	25.27	25.7	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	25.02	25.15	25.30	25.7	0.0

n66 Ant4 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	25.01	25.07	24.94	25.7	0.0
40	PI/2 BPSK	1	108	24.87	25.03	25.01		
40	PI/2 BPSK	1	214	25.01	25.08	24.91		
40	PI/2 BPSK	108	0	24.45	24.47	24.34	25.2	0.5
40	PI/2 BPSK	108	54	24.93	25.05	24.96	25.7	0.0
40	PI/2 BPSK	108	108	24.40	24.56	24.52	25.2	0.5
40	PI/2 BPSK	216	0	24.46	24.58	24.40		
40	QPSK	1	1	25.04	25.17	25.11	25.7	0.0
40	QPSK	1	108	24.92	25.09	25.01		
40	QPSK	1	214	24.97	25.11	25.07		
40	QPSK	108	0	23.95	23.98	23.82	24.7	1.0
40	QPSK	108	54	25.04	25.07	24.91	25.7	0.0
40	QPSK	108	108	23.99	24.09	24.04	24.7	1.0
40	QPSK	216	0	24.09	24.13	23.99		
40	16QAM	1	1	23.83	23.96	23.84	24.7	1.0
40	64QAM	1	1	22.76	22.78	22.65	23.2	2.5
40	256QAM	1	1	20.69	20.73	20.60	21.2	4.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	25.02	25.11	25.04	25.7	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	24.89	25.03	25.01	25.7	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	24.87	25.05	25.05	25.7	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	24.98	25.13	24.94	25.7	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	24.97	25.10	24.97	25.7	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	24.99	25.01	24.99	25.7	0.0

n38 Ant4 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	25.12	25.11	25.12	25.7	0.0
40	PI/2 BPSK	1	53	25.06	25.04	25.10		
40	PI/2 BPSK	1	104	25.05	25.13	25.16		
40	PI/2 BPSK	50	0	24.57	24.72	24.64	25.2	0.5
40	PI/2 BPSK	50	28	25.13	25.15	25.04	25.7	0.0
40	PI/2 BPSK	50	56	24.39	24.55	24.50	25.2	0.5
40	PI/2 BPSK	100	0	24.59	24.63	24.58		
40	QPSK	1	1	25.06	25.19	25.08	25.7	0.0
40	QPSK	1	53	25.07	25.15	25.10		
40	QPSK	1	104	24.95	25.16	25.03		
40	QPSK	50	0	24.11	24.26	24.18	24.7	1.0
40	QPSK	50	28	25.08	25.18	25.09	25.7	0.0
40	QPSK	50	56	24.21	24.13	24.10	24.7	1.0
40	QPSK	100	0	24.05	24.23	23.99		
40	16QAM	1	1	24.01	24.18	24.01	24.7	1.0
40	64QAM	1	1	22.94	22.92	22.74	23.2	2.5
40	256QAM	1	1	20.64	20.80	20.73	21.2	4.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	24.91	24.93	24.97	25.7	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	24.87	24.99	24.91	25.7	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	24.87	24.88	24.95	25.7	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	24.98	25.03	24.79	25.7	0.0

n41 Ant4 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	24.85	25.06	24.99	25.7	0.0
100	PI/2 BPSK	1	137	24.88	24.98	24.79		
100	PI/2 BPSK	1	271	25.04	24.95	24.99		
100	PI/2 BPSK	135	0	24.45	24.53	24.37	25.2	0.5
100	PI/2 BPSK	135	69	24.85	24.96	25.00	25.7	0.0
100	PI/2 BPSK	135	138	24.30	24.38	24.33	25.2	0.5
100	PI/2 BPSK	270	0	24.49	24.40	24.37		
100	QPSK	1	1	24.98	25.11	25.09	25.7	0.0
100	QPSK	1	137	24.85	25.01	25.05		
100	QPSK	1	271	24.93	24.83	24.71		
100	QPSK	135	0	23.92	23.91	24.07	24.7	1.0
100	QPSK	135	69	24.93	25.07	24.87	25.7	0.0
100	QPSK	135	138	23.76	23.87	23.64	24.7	1.0
100	QPSK	270	0	23.80	23.92	23.76		
100	16QAM	1	1	23.85	23.87	23.82	24.7	1.0
100	64QAM	1	1	22.58	22.47	22.49	23.2	2.5
100	256QAM	1	1	20.09	20.22	20.30	21.2	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	24.90	25.03	24.98	25.7	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	24.91	24.92	25.07	25.7	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	24.97	25.08	24.98	25.7	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	24.96	25.08	24.95	25.7	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	24.78	25.00	24.92	25.7	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	24.98	24.99	25.03	25.7	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	24.84	25.01	25.10	25.7	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	24.85	25.10	24.98	25.7	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	24.95	24.92	25.05	25.7	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	24.90	24.90	24.90	25.7	0.0

n7 Ant6 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	24.70	24.75	24.72	25.7	0.0
40	PI/2 BPSK	1	108	24.68	24.70	24.64		
40	PI/2 BPSK	1	214	24.65	24.79	24.76		
40	PI/2 BPSK	108	0	24.13	24.22	24.07	25.2	0.5
40	PI/2 BPSK	108	54	24.71	24.74	24.82	25.7	0.0
40	PI/2 BPSK	108	108	24.10	24.21	24.26	25.2	0.5
40	PI/2 BPSK	216	0	24.06	24.28	24.31		
40	QPSK	1	1	24.81	24.86	24.79	25.7	0.0
40	QPSK	1	108	24.78	24.85	24.66		
40	QPSK	1	214	24.78	24.75	24.62		
40	QPSK	108	0	23.74	23.70	23.72	24.7	1.0
40	QPSK	108	54	24.66	24.67	24.63	25.7	0.0
40	QPSK	108	108	23.80	23.71	23.74	24.7	1.0
40	QPSK	216	0	23.65	23.78	23.70		
40	16QAM	1	1	23.70	23.59	23.64	24.7	1.0
40	64QAM	1	1	22.13	22.09	22.05	23.2	2.5
40	256QAM	1	1	20.18	20.23	20.33	21.2	4.5
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	24.83	24.71	24.62	25.7	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	24.82	24.80	24.76	25.7	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	24.61	24.79	24.69	25.7	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	24.63	24.84	24.67	25.7	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	24.77	24.65	24.80	25.7	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	24.70	24.68	24.64	25.7	0.0

n66 Ant6 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	24.78	24.89	24.80	25.7	0.0
40	PI/2 BPSK	1	108	24.70	24.74	24.66		
40	PI/2 BPSK	1	214	24.66	24.87	24.83		
40	PI/2 BPSK	108	0	24.31	24.42	24.25	25.2	0.5
40	PI/2 BPSK	108	54	24.77	24.79	24.83	25.7	0.0
40	PI/2 BPSK	108	108	24.16	24.25	24.44	25.2	0.5
40	PI/2 BPSK	216	0	24.27	24.27	24.52		
40	QPSK	1	1	24.90	24.92	24.84	25.7	0.0
40	QPSK	1	108	24.83	24.85	24.84		
40	QPSK	1	214	24.78	24.90	24.83		
40	QPSK	108	0	23.74	23.71	23.83	24.7	1.0
40	QPSK	108	54	24.69	24.81	24.72	25.7	0.0
40	QPSK	108	108	23.85	23.78	23.81	24.7	1.0
40	QPSK	216	0	23.73	23.87	23.82		
40	16QAM	1	1	23.88	23.73	23.65	24.7	1.0
40	64QAM	1	1	22.27	22.09	22.25	23.2	2.5
40	256QAM	1	1	20.31	20.38	20.43	21.2	4.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	24.69	24.79	24.80	25.7	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	24.70	24.78	24.71	25.7	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	24.84	24.88	24.79	25.7	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	24.91	24.91	24.74	25.7	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	24.77	24.93	24.78	25.7	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	24.71	24.84	24.68	25.7	0.0

n38 Ant6 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	24.90	24.97	24.73	25.7	0.0
40	PI/2 BPSK	1	53	24.94	24.97	24.79		
40	PI/2 BPSK	1	104	24.73	24.96	24.74		
40	PI/2 BPSK	50	0	24.32	24.42	24.33	25.2	0.5
40	PI/2 BPSK	50	28	24.67	24.85	24.82	25.7	0.0
40	PI/2 BPSK	50	56	24.28	24.45	24.26	25.2	0.5
40	PI/2 BPSK	100	0	24.40	24.44	24.37		
40	QPSK	1	1	24.81	25.03	24.95	25.7	0.0
40	QPSK	1	53	24.87	24.89	24.91		
40	QPSK	1	104	24.73	24.97	24.83		
40	QPSK	50	0	23.93	23.95	23.86	24.7	1.0
40	QPSK	50	28	24.94	24.98	24.84	25.7	0.0
40	QPSK	50	56	23.79	23.82	23.68	24.7	1.0
40	QPSK	100	0	23.71	23.89	23.77		
40	16QAM	1	1	24.03	24.16	23.95	24.7	1.0
40	64QAM	1	1	22.07	22.20	22.21	23.2	2.5
40	256QAM	1	1	20.15	20.26	20.28	21.2	4.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	24.66	24.85	24.78	25.7	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	24.70	24.96	24.83	25.7	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	24.72	24.91	24.92	25.7	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	24.76	24.95	24.88	25.7	0.0

n41 Ant6 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	24.91	25.01	24.93	25.7	0.0
100	PI/2 BPSK	1	137	24.83	24.97	24.76		
100	PI/2 BPSK	1	271	24.84	24.91	24.85		
100	PI/2 BPSK	135	0	24.59	24.70	24.61	25.2	0.5
100	PI/2 BPSK	135	69	24.94	25.05	25.06	25.7	0.0
100	PI/2 BPSK	135	138	24.18	24.34	24.24	25.2	0.5
100	PI/2 BPSK	270	0	24.37	24.42	24.39		
100	QPSK	1	1	24.96	25.08	24.88	25.7	0.0
100	QPSK	1	137	24.95	24.93	24.89		
100	QPSK	1	271	24.66	24.78	24.61		
100	QPSK	135	0	24.03	24.05	24.02	24.7	1.0
100	QPSK	135	69	24.86	24.98	24.84	25.7	0.0
100	QPSK	135	138	23.69	23.91	23.77	24.7	1.0
100	QPSK	270	0	23.83	24.02	23.95		
100	16QAM	1	1	24.06	24.14	23.94	24.7	1.0
100	64QAM	1	1	22.15	22.24	22.09	23.2	2.5
100	256QAM	1	1	20.41	20.44	20.43	21.2	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	24.95	24.88	24.78	25.7	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	24.81	24.95	24.83	25.7	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	24.77	24.94	24.66	25.7	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	24.80	24.90	24.83	25.7	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	24.77	24.91	24.79	25.7	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	24.79	24.99	24.70	25.7	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	24.77	24.90	24.81	25.7	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	24.75	24.98	24.67	25.7	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	24.90	24.96	24.85	25.7	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	24.80	24.97	24.67	25.7	0.0

PC3 Part27O n77 Ant10 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
			Channel	650000	656000	662000		
			Frequency (MHz)	3750	3840	3930		
100	PI/2 BPSK	1	1	24.94	25.05	24.94		
100	PI/2 BPSK	1	137	25.02	25.13	25.02	25.7	0.0
100	PI/2 BPSK	1	271	24.98	25.07	24.98		
100	PI/2 BPSK	135	0	24.96	25.09	25.04	25.7	0.0
100	PI/2 BPSK	135	69	25.01	25.08	25.04	25.7	0.0
100	PI/2 BPSK	135	138	25.11	25.14	25.08		
100	PI/2 BPSK	270	0	25.02	25.10	25.03	25.7	0.0
100	QPSK	1	1	25.12	25.21	25.06		
100	QPSK	1	137	25.01	25.11	25.04	25.7	0.0
100	QPSK	1	271	25.00	25.06	25.01		
100	QPSK	135	0	25.07	25.11	25.08	25.7	0.0
100	QPSK	135	69	25.12	25.20	25.13	25.7	0.0
100	QPSK	135	138	25.14	25.17	25.05		
100	QPSK	270	0	25.08	25.16	25.06	25.7	0.0
100	16QAM	1	1	24.96	25.05	24.99		
100	64QAM	1	1	24.62	24.65	24.61	25.2	0.5
100	256QAM	1	1	22.49	22.53	22.41	23.2	2.5
			Channel	648668	656000	663334	Tune-up limit	MPR
			Frequency (MHz)	3745.02	3840	3935.01	(dBm)	(dB)
90	QPSK	1	1	25.03	25.09	24.94	25.7	0.0
			Channel	649334	656000	662668	Tune-up limit	MPR
			Frequency (MHz)	3740.01	3840	3940.02	(dBm)	(dB)
80	QPSK	1	1	25.08	25.09	24.99	25.7	0.0
			Channel	649002	656000	663002	Tune-up limit	MPR
			Frequency (MHz)	3735	3840	3945	(dBm)	(dB)
70	QPSK	1	1	24.99	25.07	24.94	25.7	0.0
			Channel	648668	656000	663334	Tune-up limit	MPR
			Frequency (MHz)	3730.02	3840	3950.01	(dBm)	(dB)
60	QPSK	1	1	25.03	25.15	24.99	25.7	0.0
			Channel	649334	656000	662668	Tune-up limit	MPR
			Frequency (MHz)	3725.01	3840	3955.02	(dBm)	(dB)
50	QPSK	1	1	25.08	25.08	24.94	25.7	0.0
			Channel	649002	656000	663002	Tune-up limit	MPR
			Frequency (MHz)	3720	3840	3960	(dBm)	(dB)
40	QPSK	1	1	25.07	25.09	25.01	25.7	0.0
			Channel	647668	656000	664334	Tune-up limit	MPR
			Frequency (MHz)	3715.02	3840	3965.01	(dBm)	(dB)
30	QPSK	1	1	24.98	25.10	24.93	25.7	0.0
			Channel	647334	656000	664668	Tune-up limit	MPR
			Frequency (MHz)	3710.01	3840	3970.02	(dBm)	(dB)
20	QPSK	1	1	25.03	25.11	25.01	25.7	0.0
			Channel	647168	656000	664834	Tune-up limit	MPR
			Frequency (MHz)	3707.52	3840	3972.51	(dBm)	(dB)
15	QPSK	1	1	25.07	25.10	24.94	25.7	0.0
			Channel	647000	656000	665000	Tune-up limit	MPR
			Frequency (MHz)	3705	3840	3975	(dBm)	(dB)
10	QPSK	1	1	25.04	25.08	24.98	25.7	0.0

PC2 Part27O n77 Ant10 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
			Channel	650000	656000	662000		
			Frequency (MHz)	3750	3840	3930		
100	PI/2 BPSK	1	1	26.98	27.03	26.99		
100	PI/2 BPSK	1	137	27.07	27.11	27.00	28.0	0.0
100	PI/2 BPSK	1	271	27.05	27.13	27.08		
100	PI/2 BPSK	135	0	27.02	27.09	27.03	28.0	0.0
100	PI/2 BPSK	135	69	27.15	27.19	27.09	28.0	0.0
100	PI/2 BPSK	135	138	26.98	27.13	27.09		
100	PI/2 BPSK	270	0	26.98	27.08	27.05	28.0	0.0
100	QPSK	1	1	27.24	27.29	27.16		
100	QPSK	1	137	26.92	27.04	26.97	28.0	0.0
100	QPSK	1	271	27.11	27.15	27.10		
100	QPSK	135	0	26.99	27.11	26.96	28.0	0.0
100	QPSK	135	69	27.08	27.21	27.13	28.0	0.0
100	QPSK	135	138	27.04	27.12	27.08		
100	QPSK	270	0	27.01	27.14	27.02	28.0	0.0
100	16QAM	1	1	26.85	26.99	26.92	28.0	0.0
100	64QAM	1	1	25.24	25.37	25.31	26.5	1.5
100	256QAM	1	1	23.29	23.34	23.26	24.5	3.5
			Channel	648668	656000	663334	Tune-up limit	MPR
			Frequency (MHz)	3745.02	3840	3935.01	(dBm)	(dB)
90	QPSK	1	1	27.12	27.17	27.04	28.0	0.0
			Channel	649334	656000	662668	Tune-up limit	MPR
			Frequency (MHz)	3740.01	3840	3940.02	(dBm)	(dB)
80	QPSK	1	1	27.16	27.17	27.06	28.0	0.0
			Channel	649002	656000	663002	Tune-up limit	MPR
			Frequency (MHz)	3735	3840	3945	(dBm)	(dB)
70	QPSK	1	1	27.18	27.23	27.13	28.0	0.0
			Channel	648668	656000	663334	Tune-up limit	MPR
			Frequency (MHz)	3730.02	3840	3950.01	(dBm)	(dB)
60	QPSK	1	1	27.10	27.26	27.11	28.0	0.0
			Channel	649334	656000	662668	Tune-up limit	MPR
			Frequency (MHz)	3725.01	3840	3955.02	(dBm)	(dB)
50	QPSK	1	1	27.11	27.25	27.12	28.0	0.0
			Channel	649002	656000	663002	Tune-up limit	MPR
			Frequency (MHz)	3720	3840	3960	(dBm)	(dB)
40	QPSK	1	1	27.20	27.17	27.05	28.0	0.0
			Channel	647668	656000	664334	Tune-up limit	MPR
			Frequency (MHz)	3715.02	3840	3965.01	(dBm)	(dB)
30	QPSK	1	1	27.13	27.19	27.03	28.0	0.0
			Channel	647334	656000	664668	Tune-up limit	MPR
			Frequency (MHz)	3710.01	3840	3970.02	(dBm)	(dB)
20	QPSK	1	1	27.17	27.20	27.13	28.0	0.0
			Channel	647168	656000	664834	Tune-up limit	MPR
			Frequency (MHz)	3707.52	3840	3972.51	(dBm)	(dB)
15	QPSK	1	1	27.11	27.19	27.13	28.0	0.0
			Channel	647000	656000	665000	Tune-up limit	MPR
			Frequency (MHz)	3705	3840	3975	(dBm)	(dB)
10	QPSK	1	1	27.19	27.23	27.06	28.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
			Channel		633334			
			Frequency (MHz)		3500.01			
100	PI/2 BPSK	1	1		25.03			
100	PI/2 BPSK	1	137		24.90		25.7	0.0
100	PI/2 BPSK	1	271		25.09			
100	PI/2 BPSK	135	0		25.02		25.7	0.0
100	PI/2 BPSK	135	69		25.09		25.7	0.0
100	PI/2 BPSK	135	138		25.01			
100	PI/2 BPSK	270	0		24.95		25.7	0.0
100	QPSK	1	1		25.15			
100	QPSK	1	137		25.03		25.7	0.0
100	QPSK	1	271		25.04			
100	QPSK	135	0		24.96		25.7	0.0
100	QPSK	135	69		24.99		25.7	0.0
100	QPSK	135	138		24.95			
100	QPSK	270	0		25.05		25.7	0.0
100	16QAM	1	1		24.91			
100	64QAM	1	1		24.20		25.2	0.5
100	256QAM	1	1		22.32		23.2	2.5
			Channel	633000	633334	633668	Tune-up limit	MPR
			Frequency (MHz)	3495	3500.01	3505.02	(dBm)	(dB)
90	QPSK	1	1	24.12	24.11	24.12	25.7	0.0
			Channel	632668	633334	634002	Tune-up limit	MPR
			Frequency (MHz)	3490.02	3500.01	3510	(dBm)	(dB)
80	QPSK	1	1	24.10	24.04	24.01	25.7	0.0
			Channel	632334	633334	634334	Tune-up limit	MPR
			Frequency (MHz)	3485.01	3500.01	3515.01	(dBm)	(dB)
70	QPSK	1	1	24.10	24.08	24.05	25.7	0.0
			Channel	632002	633334	634668	Tune-up limit	MPR
			Frequency (MHz)	3480	3500.01	3520.02	(dBm)	(dB)
60	QPSK	1	1	24.07	24.01	24.01	25.7	0.0
			Channel	631668	633334	635002	Tune-up limit	MPR
			Frequency (MHz)	3475.02	3500.01	3525	(dBm)	(dB)
50	QPSK	1	1	24.07	24.07	24.10	25.7	0.0
			Channel	631334	633334	635334	Tune-up limit	MPR
			Frequency (MHz)	3470.01	3500.01	3530.01	(dBm)	(dB)
40	QPSK	1	1	24.03	24.11	24.10	25.7	0.0
			Channel	631002	633334	635668	Tune-up limit	MPR
			Frequency (MHz)	3465	3500.01	3535.02	(dBm)	(dB)
30	QPSK	1	1	24.10	24.04	24.06	25.7	0.0
			Channel	630668	633334	636002	Tune-up limit	MPR
			Frequency (MHz)	3460.02	3500.01	3540	(dBm)	(dB)
20	QPSK	1	1	24.06	24.14	24.10	25.7	0.0
			Channel	630334	633334	636668	Tune-up limit	MPR
			Frequency (MHz)	3457.5	3500.01	3542.52	(dBm)	(dB)
15	QPSK	1	1	24.08	24.01	24.03	25.7	0.0
			Channel	630334	633334	636334	Tune-up limit	MPR
			Frequency (MHz)	3455.01	3500.01	3545.01	(dBm)	(dB)
10	QPSK	1	1	24.10	24.01	24.11	25.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
			Channel		633334			
			Frequency (MHz)		3500.01			
100	PI/2 BPSK	1	1		26.81			
100	PI/2 BPSK	1	137		26.76		28.0	0.0
100	PI/2 BPSK	1	271		26.86			
100	PI/2 BPSK	135	0		26.78		28.0	0.0
100	PI/2 BPSK	135	69		26.84		28.0	0.0
100	PI/2 BPSK	135	138		26.82			
100	PI/2 BPSK	270	0		26.81		28.0	0.0
100	QPSK	1	1		27.03			
100	QPSK	1	137		26.82		28.0	0.0
100	QPSK	1	271		26.96			
100	QPSK	135	0		26.83		28.0	0.0
100	QPSK	135	69		26.86		28.0	0.0
100	QPSK	135	138		26.81			
100	QPSK	270	0		26.84		28.0	0.0
100	16QAM	1	1		26.79		28.0	0.0
100	64QAM	1	1		25.18		26.5	1.5
100	256QAM	1	1		23.47		24.5	3.5
			Channel	633000	633334	633668	Tune-up limit	MPR
			Frequency (MHz)	3495	3500.01	3505.02	(dBm)	(dB)
90	QPSK	1	1	26.94	26.90	27.02	28.0	0.0
			Channel	632668	633334	634002	Tune-up limit	MPR
			Frequency (MHz)	3490.02	3500.01	3510	(dBm)	(dB)
80	QPSK	1	1	26.93	27.01	26.94	28.0	0.0
			Channel	632334	633334	634334	Tune-up limit	MPR
			Frequency (MHz)	3485.01	3500.01	3515.01	(dBm)	(dB)
70	QPSK	1	1	26.93	26.91	26.92	28.0	0.0
			Channel	632002	633334	634668	Tune-up limit	MPR
			Frequency (MHz)	3480	3500.01	3520.02	(dBm)	(dB)
60	QPSK	1	1	26.93	26.96	26.93	28.0	0.0
			Channel	631668	633334	635002	Tune-up limit	MPR
			Frequency (MHz)	3475.02	3500.01	3525	(dBm)	(dB)
50	QPSK	1	1	27.00	27.00	26.91	28.0	0.0
			Channel	631334	633334	635334	Tune-up limit	MPR
			Frequency (MHz)	3470.01	3500.01	3530.01	(dBm)	(dB)
40	QPSK	1	1	26.97	26.98	26.90	28.0	0.0
			Channel	631002	633334	635668	Tune-up limit	MPR
			Frequency (MHz)	3465	3500.01	3535.02	(dBm)	(dB)
30	QPSK	1	1	27.00	26.94	26.96	28.0	0.0
			Channel	630668	633334	636002	Tune-up limit	MPR
			Frequency (MHz)	3460.02	3500.01	3540	(dBm)	(dB)
20	QPSK	1	1	26.93	26.92	26.95	28.0	0.0
			Channel	630334	633334	636668	Tune-up limit	MPR
			Frequency (MHz)	3457.5	3500.01	3542.52	(dBm)	(dB)
15	QPSK	1	1	26.90	26.99	26.97	28.0	0.0
			Channel	630334	633334	636334	Tune-up limit	MPR
			Frequency (MHz)	3455.01	3500.01	3545.01	(dBm)	(dB)
10	QPSK	1	1	27.00	26.88	26.96	28.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
		Channel		650000	650000	650000		
		Frequency (MHz)		3750	3750	3750		
100	PI/2 BPSK	1	1		24.90			
100	PI/2 BPSK	1	137		24.89		25.7	0.0
100	PI/2 BPSK	1	271		24.98			
100	PI/2 BPSK	135	0		24.90		25.7	0.0
100	PI/2 BPSK	135	69		24.88		25.7	0.0
100	PI/2 BPSK	135	138		24.86		25.7	0.0
100	PI/2 BPSK	270	0		24.87			
100	QPSK	1	1		25.06		25.7	0.0
100	QPSK	1	137		24.96			
100	QPSK	1	271		25.02			
100	QPSK	135	0		24.85		25.7	0.0
100	QPSK	135	69		25.01		25.7	0.0
100	QPSK	135	138		24.97		25.7	0.0
100	QPSK	270	0		24.88			
100	16QAM	1	1		24.53		25.7	0.8
100	64QAM	1	1		24.36		25.2	0.5
100	256QAM	1	1		22.28		23.2	2.5
		Channel		649668	650334	650334	Tune-up limit	MPR
		Frequency (MHz)		3745.02	3750	3755.01	(dBm)	(dB)
90	QPSK	1	1	24.94	24.91	24.96	25.7	0.0
		Channel		649334	650002	650668	Tune-up limit	MPR
		Frequency (MHz)		3740.01	3750	3760.02	(dBm)	(dB)
80	QPSK	1	1	24.99	24.93	24.94	25.7	0.0
		Channel		649002	650002	651002	Tune-up limit	MPR
		Frequency (MHz)		3735	3750	3765	(dBm)	(dB)
70	QPSK	1	1	24.93	24.93	24.05	25.7	0.0
		Channel		649668	650002	651334	Tune-up limit	MPR
		Frequency (MHz)		3730.02	3750	3770.01	(dBm)	(dB)
60	QPSK	1	1	24.01	24.97	24.97	25.7	0.0
		Channel		649334	650002	651668	Tune-up limit	MPR
		Frequency (MHz)		3725.01	3750	3775.02	(dBm)	(dB)
50	QPSK	1	1	24.92	24.98	24.98	25.7	0.0
		Channel		649002	650002	652002	Tune-up limit	MPR
		Frequency (MHz)		3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	24.99	24.99	24.91	25.7	0.0
		Channel		647668	650002	652334	Tune-up limit	MPR
		Frequency (MHz)		3715.02	3750	3785.01	(dBm)	(dB)
30	QPSK	1	1	25.00	24.91	24.96	25.7	0.0
		Channel		647334	650002	652668	Tune-up limit	MPR
		Frequency (MHz)		3710.01	3840	3970.02	(dBm)	(dB)
20	QPSK	1	1	24.97	24.98	25.00	25.7	0.0
		Channel		647168	650002	652334	Tune-up limit	MPR
		Frequency (MHz)		3707.52	3750	3792.51	(dBm)	(dB)
15	QPSK	1	1	24.94	24.96	24.95	25.7	0.0
		Channel		647002	650002	653002	Tune-up limit	MPR
		Frequency (MHz)		3705	3750	3795	(dBm)	(dB)
10	QPSK	1	1	24.02	24.98	24.98	25.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
		Channel		650000	650000	650000		
		Frequency (MHz)		3750	3750	3750		
100	PI/2 BPSK	1	1		26.89			
100	PI/2 BPSK	1	137		26.93		28.0	0.0
100	PI/2 BPSK	1	271		26.97			
100	PI/2 BPSK	135	0		26.94		28.0	0.0
100	PI/2 BPSK	135	69		26.92		28.0	0.0
100	PI/2 BPSK	135	138		26.90		28.0	0.0
100	PI/2 BPSK	270	0		26.98			
100	QPSK	1	1		27.08		28.0	0.0
100	QPSK	1	137		27.05			
100	QPSK	1	271		27.01			
100	QPSK	135	0		26.90		28.0	0.0
100	QPSK	135	69		26.99		28.0	0.0
100	QPSK	135	138		26.92		28.0	0.0
100	QPSK	270	0		26.95			
100	16QAM	1	1		26.78		28.0	0.0
100	64QAM	1	1		25.33		26.5	1.5
100	256QAM	1	1		23.16		24.5	3.5
		Channel		649668	650002	650334	Tune-up limit	MPR
		Frequency (MHz)		3745.02	3750	3755.01	(dBm)	(dB)
90	QPSK	1	1	27.03	26.94	27.03	28.0	0.0
		Channel		649334	650002	650668	Tune-up limit	MPR
		Frequency (MHz)		3740.01	3750	3760.02	(dBm)	(dB)
80	QPSK	1	1	27.01	27.06	26.93	28.0	0.0
		Channel		649002	650002	651002	Tune-up limit	MPR
		Frequency (MHz)		3735	3750	3765	(dBm)	(dB)
70	QPSK	1	1	26.97	27.02	27.06	28.0	0.0
		Channel		648668	650002	651334	Tune-up limit	MPR
		Frequency (MHz)		3730.02	3750	3770.01	(dBm)	(dB)
60	QPSK	1	1	27.01	26.98	26.94	28.0	0.0
		Channel		648334	650002	651668	Tune-up limit	MPR
		Frequency (MHz)		3725.01	3750	3775.02	(dBm)	(dB)
50	QPSK	1	1	26.99	26.94	26.98	28.0	0.0
		Channel		648002	650002	652002	Tune-up limit	MPR
		Frequency (MHz)		3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	27.01	26.96	27.00	28.0	0.0
		Channel		647668	650002	652334	Tune-up limit	MPR
		Frequency (MHz)		3715.02	3750	3785.01	(dBm)	(dB)
30	QPSK	1	1	26.93	27.01	26.95	28.0	0.0
		Channel		647334	650002	652668	Tune-up limit	MPR
		Frequency (MHz)		3710.01	3750	3790.02	(dBm)	(dB)
20	QPSK	1	1	26.98	26.99	26.95	28.0	0.0
		Channel		647168	650002	652334	Tune-up limit	MPR
		Frequency (MHz)		3707.52	3750	3792.51	(dBm)	(dB)
15	QPSK	1	1	26.93	26.97	27.03	28.0	0.0
		Channel		647002	650002	653002	Tune-up limit	MPR
		Frequency (MHz)		3705	3750	3795	(dBm)	(dB)
10	QPSK	1	1	27.01	27.01	26.94	28.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
		Channel			633334			
		Frequency (MHz)			3500.01			
100	PI/2 BPSK	1	1		24.85			
100	PI/2 BPSK	1	137		24.91		25.7	0.0
100	PI/2 BPSK	1	271		24.85			
100	PI/2 BPSK	135	0		25.00		25.7	0.0
100	PI/2 BPSK	135	69		25.02		25.7	0.0
100	PI/2 BPSK	135	138		24.92		25.7	0.0
100	PI/2 BPSK	270	0		24.83			
100	QPSK	1	1		25.07		25.7	0.0
100	QPSK	1	137		24.87			
100	QPSK	1	271		25.00			
100	QPSK	135	0		25.00		25.7	0.0
100	QPSK	135	69		25.05		25.7	0.0
100	QPSK	135	138		24.99		25.7	0.0
100	QPSK	270	0		25.01			
100	16QAM	1	1		24.94		25.7	0.0
100	64QAM	1	1		24.34		25.2	0.5
100	256QAM	1	1		22.58		23.2	2.5
		Channel		633000	633334	633668	Tune-up limit	MPR
		Frequency (MHz)		3495	3500.01	3505.02	(dBm)	(dB)
90	QPSK	1	1	25.01	25.06	24.95	25.7	0.0
		Channel		632668	633334	634002	Tune-up limit	MPR
		Frequency (MHz)		3490.02	3500.01	3510	(dBm)	(dB)
80	QPSK	1	1	25.02	25.02	25.03	25.7	0.0
		Channel		632334	633334	634334	Tune-up limit	MPR
		Frequency (MHz)		3485.01	3500.01	3515.01	(dBm)	(dB)
70	QPSK	1	1	25.00	24.95	25.03	25.7	0.0
		Channel		632002	633334	634668	Tune-up limit	MPR
		Frequency (MHz)		3480	3500.01	3520.02	(dBm)	(dB)
60	QPSK	1	1	24.97	25.06	24.97	25.7	0.0
		Channel		631668	633334	635002	Tune-up limit	MPR
		Frequency (MHz)		3475.02	3500.01	3525	(dBm)	(dB)
50	QPSK	1	1	24.93	24.98	24.98	25.7	0.0
		Channel		631334	633334	635334	Tune-up limit	MPR
		Frequency (MHz)		3470.01	3500.01	3530.01	(dBm)	(dB)
40	QPSK	1	1	24.99	25.06	24.98	25.7	0.0
		Channel		631002	633334	635668	Tune-up limit	MPR
		Frequency (MHz)		3465	3500.01	3535.02	(dBm)	(dB)
30	QPSK	1	1	25.06	24.95	24.93	25.7	0.0
		Channel		630668	633334	636002	Tune-up limit	MPR
		Frequency (MHz)		3460.02	3500.01	3540	(dBm)	(dB)
20	QPSK	1	1	25.00	24.94	24.92	25.7	0.0
		Channel		630334	633334	636668	Tune-up limit	MPR
		Frequency (MHz)		3457.5	3500.01	3542.52	(dBm)	(dB)
15	QPSK	1	1	24.98	25.05	25.00	25.7	0.0
		Channel		630334	633334	636334	Tune-up limit	MPR
		Frequency (MHz)		3455.01	3500.01	3545.01	(dBm)	(dB)
10	QPSK	1	1	25.06	24.96	24.99	25.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
		Channel			633334			
		Frequency (MHz)			3500.01			
100	PI/2 BPSK	1	1		26.92			
100	PI/2 BPSK	1	137		27.08		28.0	0.0
100	PI/2 BPSK	1	271		27.03			
100	PI/2 BPSK	135	0		26.96		28.0	0.0
100	PI/2 BPSK	135	69		27.01		28.0	0.0
100	PI/2 BPSK	135	138		26.93		28.0	0.0
100	PI/2 BPSK	270	0		26.98			
100	QPSK	1	1		27.13		28.0	0.0
100	QPSK	1	137		27.06			
100	QPSK	1	271		27.04			
100	QPSK	135	0		26.93		28.0	0.0
100	QPSK	135	69		27.01		28.0	0.0
100	QPSK	135	138		26.95		28.0	0.0
100	QPSK	270	0		26.98			
100	16QAM	1	1		26.66		28.0	0.0
100	64QAM	1	1		25.44		26.5	1.5
100	256QAM	1	1		23.40		24.5	3.5
		Channel		633000	633334	633668	Tune-up limit	MPR
		Frequency (MHz)		3495	3500.01	3505.02	(dBm)	(dB)
90	QPSK	1	1	27.10	27.11	27.02	28.0	0.0
		Channel		632668	633334	634002	Tune-up limit	MPR
		Frequency (MHz)		3490.02	3500.01	3510	(dBm)	(dB)
80	QPSK	1	1	27.02	27.04	27.06	28.0	0.0
		Channel		632334	633334	634334	Tune-up limit	MPR
		Frequency (MHz)		3485.01	3500.01	3515.01	(dBm)	(dB)
70	QPSK	1	1	27.11	27.07	27.10	28.0	0.0
		Channel		632002	633334	634668	Tune-up limit	MPR
		Frequency (MHz)		3480	3500.01	3520.02	(dBm)	(dB)
60	QPSK	1	1	27.04	27.05	27.03	28.0	0.0
		Channel		631668	633334	635002	Tune-up limit	MPR
		Frequency (MHz)		3475.02	3500.01	3525	(dBm)	(dB)
50	QPSK	1	1	27.09	26.98	27.01	28.0	0.0
		Channel		631334	633334	635334	Tune-up limit	MPR
		Frequency (MHz)		3470.01	3500.01	3530.01	(dBm)	(dB)
40	QPSK	1	1	27.01	27.01	27.12	28.0	0.0
		Channel		631002	633334	635668	Tune-up limit	MPR
		Frequency (MHz)		3465	3500.01	3535.02	(dBm)	(dB)
30	QPSK	1	1	27.12	27.03	26.99	28.0	0.0
		Channel		630668	633334	636002	Tune-up limit	MPR
		Frequency (MHz)		3460.02	3500.01	3540	(dBm)	(dB)
20	QPSK	1	1	27.06	27.04	27.11	28.0	0.0
		Channel		630334	633334	636668	Tune-up limit	MPR
		Frequency (MHz)		3457.5	3500.01	3542.52	(dBm)	(dB)
15	QPSK	1	1	27.00	27.10	27.04	28.0	0.0
		Channel		630334	633334	636334	Tune-up limit	MPR
		Frequency (MHz)		3455.01	3500.01	3545.01	(dBm)	(dB)
10	QPSK	1	1	26.98	27.11	27.11	28.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
		Channel		650000	656000	662000		
		Frequency (MHz)		3750	3840	3930		
100	PI/2 BPSK	1	1	24.28	24.37	24.36		
100	PI/2 BPSK	1	137	24.38	24.42	24.32	25.7	0.0
100	PI/2 BPSK	1	271	24.32	24.41	24.32		
100	PI/2 BPSK	135	0	24.33	24.40	24.31	25.7	0.0
100	PI/2 BPSK	135	69	24.20	24.32	24.30	25.7	0.0
100	PI/2 BPSK	135	138	24.34	24.39	24.29	25.7	0.0
100	PI/2 BPSK	270	0	24.23	24.37	24.28		
100	QPSK	1	1	24.52	24.60	24.48		
100	QPSK	1	137	24.42	24.50	24.38	25.7	0.0
100	QPSK	1	271	24.45	24.57	24.57		
100	QPSK	135	0	24.36	24.38	24.26	25.7	0.0
100	QPSK	135	69	24.35	24.50	24.48	25.7	0.0
100	QPSK	135	138	24.37	24.39	24.34	25.7	0.0
100	QPSK	270	0	24.44	24.47	24.43		
100	16QAM	1	1	24.38	24.42	24.33	25.7	0.0
100	64QAM	1	1	23.96	23.99	23.85	25.2	0.5
100	256QAM	1	1	21.94	21.97	21.95	23.2	2.5
		Channel		646668	656000	663334	Tune-up limit	MPR
		Frequency (MHz)		3745.02	3840	3935.01	(dBm)	(dB)
90	QPSK	1	1	24.50	24.55	24.38	25.7	0.0
		Channel		646334	656000	662668	Tune-up limit	MPR
		Frequency (MHz)		3740.01	3840	3940.02	(dBm)	(dB)
80	QPSK	1	1	24.49	24.56	24.48	25.7	0.0
		Channel		646002	656000	662002	Tune-up limit	MPR
		Frequency (MHz)		3735	3840	3945	(dBm)	(dB)
70	QPSK	1	1	24.38	24.49	24.36	25.7	0.0
		Channel		646668	656000	663334	Tune-up limit	MPR
		Frequency (MHz)		3730.02	3840	3950.01	(dBm)	(dB)
60	QPSK	1	1	24.43	24.46	24.33	25.7	0.0
		Channel		646334	656000	662668	Tune-up limit	MPR
		Frequency (MHz)		3725.01	3840	3955.02	(dBm)	(dB)
50	QPSK	1	1	24.39	24.52	24.34	25.7	0.0
		Channel		646002	656000	662002	Tune-up limit	MPR
		Frequency (MHz)		3720	3840	3960	(dBm)	(dB)
40	QPSK	1	1	24.43	24.49	24.42	25.7	0.0
		Channel		647002	656000	664334	Tune-up limit	MPR
		Frequency (MHz)		3715.02	3840	3965.01	(dBm)	(dB)
30	QPSK	1	1	24.46	24.55	24.36	25.7	0.0
		Channel		647334	656000	664668	Tune-up limit	MPR
		Frequency (MHz)		3710.01	3840	3970.02	(dBm)	(dB)
20	QPSK	1	1	24.52	24.58	24.34	25.7	0.0
		Channel		647668	656000	664334	Tune-up limit	MPR
		Frequency (MHz)		3707.52	3840	3972.51	(dBm)	(dB)
15	QPSK	1	1	24.43	24.57	24.46	25.7	0.0
		Channel		647002	656000	665002	Tune-up limit	MPR
		Frequency (MHz)		3705	3840	3975	(dBm)	(dB)
10	QPSK	1	1	24.51	24.47	24.34	25.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
		Channel		650000	656000	662000		
		Frequency (MHz)		3750	3840	3930		
100	PI/2 BPSK	1	1	26.71	26.74	26.62		
100	PI/2 BPSK	1	137	26.69	26.79	26.68	28.5	0.0
100	PI/2 BPSK	1	271	26.80	26.93	26.92		
100	PI/2 BPSK	135	0	26.64	26.79	26.78	28.5	0.0
100	PI/2 BPSK	135	69	26.81	26.83	26.75	28.5	0.0
100	PI/2 BPSK	135	138	26.68	26.81	26.80	28.5	0.0
100	PI/2 BPSK	270	0	26.79	26.85	26.74		
100	QPSK	1	1	26.91	26.96	26.84		
100	QPSK	1	137	26.85	26.92	26.80	28.5	0.0
100	QPSK	1	271	26.75	26.83	26.69		
100	QPSK	135	0	26.80	26.91	26.83	28.5	0.0
100	QPSK	135	69	26.92	26.97	26.90	28.5	0.0
100	QPSK	135	138	26.83	26.85	26.81	28.5	0.0
100	QPSK	270	0	26.87	26.88	26.79		
100	16QAM	1	1	26.92	26.94	26.88	28.5	0.0
100	64QAM	1	1	25.35	25.48	25.40	27.0	1.5
100	256QAM	1	1	23.40	23.53	23.46	25.0	3.5
		Channel		646668	656000	663334	Tune-up limit	MPR
		Frequency (MHz)		3745.02	3840	3935.01	(dBm)	(dB)
90	QPSK	1	1	26.89	26.94	26.69	28.5	0.0
		Channel		646334	656000	662668	Tune-up limit	MPR
		Frequency (MHz)		3740.01	3840	3940.02	(dBm)	(dB)
80	QPSK	1	1	26.85	26.90	26.81	28.5	0.0
		Channel		646002	656000	662002	Tune-up limit	MPR
		Frequency (MHz)		3735	3840	3945	(dBm)	(dB)
70	QPSK	1	1	26.87	26.84	26.80	28.5	0.0
		Channel		646668	656000	663334	Tune-up limit	MPR
		Frequency (MHz)		3730.02	3840	3950.01	(dBm)	(dB)
60	QPSK	1	1	26.79	26.87	26.77	28.5	0.0
		Channel		646334	656000	662668	Tune-up limit	MPR
		Frequency (MHz)		3725.01	3840	3955.02	(dBm)	(dB)
50	QPSK	1	1	26.86	26.93	26.82	28.5	0.0
		Channel		646002	656000	662002	Tune-up limit	MPR
		Frequency (MHz)		3720	3840	3960	(dBm)	(dB)
40	QPSK	1	1	26.85	26.85	26.82	28.5	0.0
		Channel		647002	656000	664334	Tune-up limit	MPR
		Frequency (MHz)		3715.02	3840	3965.01	(dBm)	(dB)
30	QPSK	1	1	26.90	26.85	26.77	28.5	0.0
		Channel		647334	656000	664668	Tune-up limit	MPR
		Frequency (MHz)		3710.01	3840	3970.02	(dBm)	(dB)
20	QPSK	1	1	26.76	26.90	26.74	28.5	0.0
		Channel		647668	656000	664334	Tune-up limit	MPR
		Frequency (MHz)		3707.52	3840	3972.51	(dBm)	(dB)
15	QPSK	1	1	26.84	26.91	26.78	28.5	0.0
		Channel		647002	656000	665002	Tune-up limit	MPR
		Frequency (MHz)		3705	3840	3975	(dBm)	(dB)
10	QPSK	1	1	26.78	26.93	26.70	28.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
		Channel			633334			
		Frequency (MHz)			3500.01			
100	PI/2 BPSK	1	1		24.28			
100	PI/2 BPSK	1	137		24.23		25.7	0.0
100	PI/2 BPSK	1	271		24.18			
100	PI/2 BPSK	135	0		24.25		25.7	0.0
100	PI/2 BPSK	135	69		24.20		25.7	0.0
100	PI/2 BPSK	135	138		24.23		25.7	0.0
100	PI/2 BPSK	270	0		24.18			
100	QPSK	1	1		24.39			
100	QPSK	1	137		24.32		25.7	0.0
100	QPSK	1	271		24.33			
100	QPSK	135	0		24.19		25.7	0.0
100	QPSK	135	69		24.34		25.7	0.0
100	QPSK	135	138		24.18		25.7	0.0
100	QPSK	270	0		24.15			
100	16QAM	1	1		24.36		26.7	0.0
100	64QAM	1	1		23.94		25.2	0.5
100	256QAM	1	1		21.82		23.2	2.5
		Channel		633000	633334	633668	Tune-up limit	MPR
		Frequency (MHz)		3495	3500.01	3505.02	(dBm)	(dB)
90	QPSK	1	1	24.28	24.31	24.27	25.7	0.0
		Channel		632668	633334	634002	Tune-up limit	MPR
		Frequency (MHz)		3490.02	3500.01	3510	(dBm)	(dB)
80	QPSK	1	1	24.32	24.32	24.35	25.7	0.0
		Channel		632334	633334	634334	Tune-up limit	MPR
		Frequency (MHz)		3485.01	3500.01	3515.01	(dBm)	(dB)
70	QPSK	1	1	24.25	24.35	24.31	25.7	0.0
		Channel		632002	633334	634668	Tune-up limit	MPR
		Frequency (MHz)		3480	3500.01	3520.02	(dBm)	(dB)
60	QPSK	1	1	24.37	24.34	24.37	25.7	0.0
		Channel		631668	633334	635002	Tune-up limit	MPR
		Frequency (MHz)		3475.02	3500.01	3525	(dBm)	(dB)
50	QPSK	1	1	24.29	24.25	24.26	25.7	0.0
		Channel		631334	633334	635334	Tune-up limit	MPR
		Frequency (MHz)		3470.01	3500.01	3530.01	(dBm)	(dB)
40	QPSK	1	1	24.31	24.31	24.35	25.7	0.0
		Channel		631002	633334	635668	Tune-up limit	MPR
		Frequency (MHz)		3465	3500.01	3535.02	(dBm)	(dB)
30	QPSK	1	1	24.37	24.31	24.30	25.7	0.0
		Channel		630668	633334	636002	Tune-up limit	MPR
		Frequency (MHz)		3460.02	3500.01	3540	(dBm)	(dB)
20	QPSK	1	1	24.34	24.26	24.34	25.7	0.0
		Channel		630002	633334	636668	Tune-up limit	MPR
		Frequency (MHz)		3457.5	3500.01	3542.52	(dBm)	(dB)
15	QPSK	1	1	24.34	24.38	24.30	25.7	0.0
		Channel		630334	633334	636334	Tune-up limit	MPR
		Frequency (MHz)		3455.01	3500.01	3545.01	(dBm)	(dB)
10	QPSK	1	1	24.35	24.25	24.31	25.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
		Channel			633334			
		Frequency (MHz)			3500.01			
100	PI/2 BPSK	1	1		26.58			
100	PI/2 BPSK	1	137		26.55		28.5	0.0
100	PI/2 BPSK	1	271		26.62			
100	PI/2 BPSK	135	0		26.57		28.5	0.0
100	PI/2 BPSK	135	69		26.52		28.5	0.0
100	PI/2 BPSK	135	138		26.58		28.5	0.0
100	PI/2 BPSK	270	0		26.56			
100	QPSK	1	1		26.71			
100	QPSK	1	137		26.61		28.5	0.0
100	QPSK	1	271		26.66			
100	QPSK	135	0		26.63		28.5	0.0
100	QPSK	135	69		26.65		28.5	0.0
100	QPSK	135	138		26.54		28.5	0.0
100	QPSK	270	0		26.56			
100	16QAM	1	1		26.51		28.5	0.0
100	64QAM	1	1		25.66		27.0	1.5
100	256QAM	1	1		23.76		25.0	3.5
		Channel		633000	633334	633668	Tune-up limit	MPR
		Frequency (MHz)		3495	3500.01	3505.02	(dBm)	(dB)
90	QPSK	1	1	26.61	26.66	26.63	28.5	0.0
		Channel		632668	633334	634002	Tune-up limit	MPR
		Frequency (MHz)		3490.02	3500.01	3510	(dBm)	(dB)
80	QPSK	1	1	26.60	26.62	26.62	28.5	0.0
		Channel		632334	633334	634334	Tune-up limit	MPR
		Frequency (MHz)		3485.01	3500.01	3515.01	(dBm)	(dB)
70	QPSK	1	1	26.57	26.68	26.63	28.5	0.0
		Channel		632002	633334	634668	Tune-up limit	MPR
		Frequency (MHz)		3480	3500.01	3520.02	(dBm)	(dB)
60	QPSK	1	1	26.66	26.58	26.69	28.5	0.0
		Channel		631668	633334	635002	Tune-up limit	MPR
		Frequency (MHz)		3475.02	3500.01	3525	(dBm)	(dB)
50	QPSK	1	1	26.70	26.61	26.57	28.5	0.0
		Channel		631334	633334	635334	Tune-up limit	MPR
		Frequency (MHz)		3470.01	3500.01	3530.01	(dBm)	(dB)
40	QPSK	1	1	26.59	26.63	26.61	28.5	0.0
		Channel		631002	633334	635668	Tune-up limit	MPR
		Frequency (MHz)		3465	3500.01	3535.02	(dBm)	(dB)
30	QPSK	1	1	26.66	26.69	26.66	28.5	0.0
		Channel		630668	633334	636002	Tune-up limit	MPR
		Frequency (MHz)		3460.02	3500.01	3540	(dBm)	(dB)
20	QPSK	1	1	26.64	26.64	26.70	28.5	0.0
		Channel		630002	633334	636668	Tune-up limit	MPR
		Frequency (MHz)		3457.5	3500.01	3542.52	(dBm)	(dB)
15	QPSK	1	1	26.60	26.61	26.70	28.5	0.0
		Channel		630334	633334	636334	Tune-up limit	MPR
		Frequency (MHz)		3455.01	3500.01	3545.01	(dBm)	(dB)
10	QPSK	1	1	26.70	26.66	26.66	28.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
		Channel		650000	650000	650000		
		Frequency (MHz)		3750	3750	3750		
100	PI/2 BPSK	1	1		24.56			
100	PI/2 BPSK	1	137		24.55		25.7	0.0
100	PI/2 BPSK	1	271		24.48			
100	PI/2 BPSK	135	0		24.59		25.7	0.0
100	PI/2 BPSK	135	69		24.57		25.7	0.0
100	PI/2 BPSK	135	138		24.61		25.7	0.0
100	PI/2 BPSK	270	0		24.45			
100	QPSK	1	1		24.65		25.7	0.0
100	QPSK	1	137		24.62			
100	QPSK	1	271		24.62			
100	QPSK	135	0		24.45		25.7	0.0
100	QPSK	135	69		24.61		25.7	0.0
100	QPSK	135	138		24.34		25.7	0.0
100	QPSK	270	0		24.50			
100	16QAM	1	1		24.60		25.7	0.5
100	64QAM	1	1		24.16		25.2	0.5
100	256QAM	1	1		22.18		23.2	2.5
		Channel		649668	650334	650334	Tune-up limit	MPR
		Frequency (MHz)		3745.02	3750	3755.01	(dBm)	(dB)
90	QPSK	1	1	24.35	24.32	24.23	25.7	0.0
		Channel		649334	650002	650668	Tune-up limit	MPR
		Frequency (MHz)		3740.01	3750	3760.02	(dBm)	(dB)
80	QPSK	1	1	24.36	24.32	24.24	25.7	0.0
		Channel		649002	650002	651002	Tune-up limit	MPR
		Frequency (MHz)		3735	3750	3765	(dBm)	(dB)
70	QPSK	1	1	24.31	24.29	24.26	25.7	0.0
		Channel		648668	650002	651334	Tune-up limit	MPR
		Frequency (MHz)		3730.02	3750	3770.01	(dBm)	(dB)
60	QPSK	1	1	24.33	24.31	24.26	25.7	0.0
		Channel		648334	650002	651668	Tune-up limit	MPR
		Frequency (MHz)		3725.01	3750	3775.02	(dBm)	(dB)
50	QPSK	1	1	24.35	24.29	24.27	25.7	0.0
		Channel		648002	650002	652002	Tune-up limit	MPR
		Frequency (MHz)		3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	24.33	24.33	24.26	25.7	0.0
		Channel		647668	650002	652334	Tune-up limit	MPR
		Frequency (MHz)		3715.02	3750	3785.01	(dBm)	(dB)
30	QPSK	1	1	24.36	24.30	24.21	25.7	0.0
		Channel		647334	650002	652668	Tune-up limit	MPR
		Frequency (MHz)		3710.01	3750	3790.02	(dBm)	(dB)
20	QPSK	1	1	24.36	24.31	24.25	25.7	0.0
		Channel		647168	650002	652334	Tune-up limit	MPR
		Frequency (MHz)		3707.52	3750	3792.51	(dBm)	(dB)
15	QPSK	1	1	24.34	24.33	24.24	25.7	0.0
		Channel		647002	650002	653002	Tune-up limit	MPR
		Frequency (MHz)		3705	3750	3795	(dBm)	(dB)
10	QPSK	1	1	24.33	24.33	24.26	25.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
		Channel		650000	650000	650000		
		Frequency (MHz)		3750	3750	3750		
100	PI/2 BPSK	1	1		26.64			
100	PI/2 BPSK	1	137		26.67		28.5	0.0
100	PI/2 BPSK	1	271		26.70			
100	PI/2 BPSK	135	0		26.69		28.5	0.0
100	PI/2 BPSK	135	69		26.67		28.5	0.0
100	PI/2 BPSK	135	138		26.64		28.5	0.0
100	PI/2 BPSK	270	0		26.70			
100	QPSK	1	1		26.77		28.5	0.0
100	QPSK	1	137		26.69			
100	QPSK	1	271		26.72			
100	QPSK	135	0		26.68		28.5	0.0
100	QPSK	135	69		26.71		28.5	0.0
100	QPSK	135	138		26.65		28.5	0.0
100	QPSK	270	0		26.69			
100	16QAM	1	1		26.64		28.5	0.0
100	64QAM	1	1		25.12		27.0	1.5
100	256QAM	1	1		23.05		25.0	3.5
		Channel		649668	650002	650334	Tune-up limit	MPR
		Frequency (MHz)		3745.02	3750	3755.01	(dBm)	(dB)
90	QPSK	1	1	26.69	26.67	26.65	28.5	0.0
		Channel		649334	650002	650668	Tune-up limit	MPR
		Frequency (MHz)		3740.01	3750	3760.02	(dBm)	(dB)
80	QPSK	1	1	26.70	26.69	26.66	28.5	0.0
		Channel		649002	650002	651002	Tune-up limit	MPR
		Frequency (MHz)		3735	3750	3765	(dBm)	(dB)
70	QPSK	1	1	26.72	26.66	26.63	28.5	0.0
		Channel		648668	650002	651334	Tune-up limit	MPR
		Frequency (MHz)		3730.02	3750	3770.01	(dBm)	(dB)
60	QPSK	1	1	26.69	26.68	26.66	28.5	0.0
		Channel		648334	650002	651668	Tune-up limit	MPR
		Frequency (MHz)		3725.01	3750	3775.02	(dBm)	(dB)
50	QPSK	1	1	26.64	26.70	26.62	28.5	0.0
		Channel		648002	650002	652002	Tune-up limit	MPR
		Frequency (MHz)		3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	26.73	26.70	26.67	28.5	0.0
		Channel		647668	650002	652334	Tune-up limit	MPR
		Frequency (MHz)		3715.02	3750	3785.01	(dBm)	(dB)
30	QPSK	1	1	26.67	26.68	26.74	28.5	0.0
		Channel		647334	650002	652668	Tune-up limit	MPR
		Frequency (MHz)		3710.01	3750	3790.02	(dBm)	(dB)
20	QPSK	1	1	26.76	26.69	26.69	28.5	0.0
		Channel		647168	650002	652334	Tune-up limit	MPR
		Frequency (MHz)		3707.52	3750	3792.51	(dBm)	(dB)
15	QPSK	1	1	26.74	26.75	26.70	28.5	0.0
		Channel		647002	650002	653002	Tune-up limit	MPR
		Frequency (MHz)		3705	3750	3795	(dBm)	(dB)
10	QPSK	1	1	26.71	26.62	26.65	28.5	0.0

PC3 Part27Q n78 Ant12 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
		Channel			633334			
		Frequency (MHz)			3500.01			
100	PI/2 BPSK	1	1		24.37			
100	PI/2 BPSK	1	137		24.49		25.7	0.0
100	PI/2 BPSK	1	271		24.50			
100	PI/2 BPSK	135	0		24.42		25.7	0.0
100	PI/2 BPSK	135	69		24.49		25.7	0.0
100	PI/2 BPSK	135	138		24.44		25.7	0.0
100	PI/2 BPSK	270	0		24.47			
100	QPSK	1	1		24.56		25.7	0.0
100	QPSK	1	137		24.54			
100	QPSK	1	271		24.50			
100	QPSK	135	0		24.38		25.7	0.0
100	QPSK	135	69		24.43		25.7	0.0
100	QPSK	135	138		24.33		25.7	0.0
100	QPSK	270	0		24.45			
100	16QAM	1	1		24.49		25.7	0.0
100	64QAM	1	1		24.11		25.2	0.5
100	256QAM	1	1		22.02		23.2	2.5
		Channel		633000	633334	633668	Tune-up limit	MPR
		Frequency (MHz)		3495	3500.01	3505.02	(dBm)	(dB)
90	QPSK	1	1	24.32	24.32	24.32	25.7	0.0
		Channel		632668	633334	634002	Tune-up limit	MPR
		Frequency (MHz)		3490.02	3500.01	3510	(dBm)	(dB)
80	QPSK	1	1	24.31	24.31	24.32	25.7	0.0
		Channel		632334	633334	634334	Tune-up limit	MPR
		Frequency (MHz)		3485.01	3500.01	3515.01	(dBm)	(dB)
70	QPSK	1	1	24.29	24.35	24.31	25.7	0.0
		Channel		632002	633334	634668	Tune-up limit	MPR
		Frequency (MHz)		3480	3500.01	3520.02	(dBm)	(dB)
60	QPSK	1	1	24.30	24.32	24.32	25.7	0.0
		Channel		631668	633334	635002	Tune-up limit	MPR
		Frequency (MHz)		3475.02	3500.01	3525	(dBm)	(dB)
50	QPSK	1	1	24.28	24.33	24.35	25.7	0.0
		Channel		631334	633334	635334	Tune-up limit	MPR
		Frequency (MHz)		3470.01	3500.01	3530.01	(dBm)	(dB)
40	QPSK	1	1	24.28	24.36	24.34	25.7	0.0
		Channel		631002	633334	635668	Tune-up limit	MPR
		Frequency (MHz)		3465	3500.01	3535.02	(dBm)	(dB)
30	QPSK	1	1	24.31	24.33	24.34	25.7	0.0
		Channel		630668	633334	636002	Tune-up limit	MPR
		Frequency (MHz)		3460.02	3500.01	3540	(dBm)	(dB)
20	QPSK	1	1	24.28	24.34	24.33	25.7	0.0
		Channel		630334	633334	636668	Tune-up limit	MPR
		Frequency (MHz)		3457.5	3500.01	3542.52	(dBm)	(dB)
15	QPSK	1	1	24.28	24.32	24.31	25.7	0.0
		Channel		630334	633334	636334	Tune-up limit	MPR
		Frequency (MHz)		3455.01	3500.01	3545.01	(dBm)	(dB)
10	QPSK	1	1	24.32	24.33	24.36	25.7	0.0

PC2 Part27Q n78 Ant12 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
		Channel			633334			
		Frequency (MHz)			3500.01			
100	PI/2 BPSK	1	1		26.65			
100	PI/2 BPSK	1	137		26.75		28.5	0.0
100	PI/2 BPSK	1	271		26.77			
100	PI/2 BPSK	135	0		26.71		28.5	0.0
100	PI/2 BPSK	135	69		26.78		28.5	0.0
100	PI/2 BPSK	135	138		26.72		28.5	0.0
100	PI/2 BPSK	270	0		26.75			
100	QPSK	1	1		26.83		28.5	0.0
100	QPSK	1	137		26.73			
100	QPSK	1	271		26.68			
100	QPSK	135	0		26.72		28.5	0.0
100	QPSK	135	69		26.75		28.5	0.0
100	QPSK	135	138		26.70		28.5	0.0
100	QPSK	270	0		26.75			
100	16QAM	1	1		26.53		28.5	0.0
100	64QAM	1	1		25.12		27.0	1.5
100	256QAM	1	1		23.13		25.0	3.5
		Channel		633000	633334	633668	Tune-up limit	MPR
		Frequency (MHz)		3495	3500.01	3505.02	(dBm)	(dB)
90	QPSK	1	1	26.82	26.73	26.81	28.5	0.0
		Channel		632668	633334	634002	Tune-up limit	MPR
		Frequency (MHz)		3490.02	3500.01	3510	(dBm)	(dB)
80	QPSK	1	1	26.81	26.70	26.77	28.5	0.0
		Channel		632334	633334	634334	Tune-up limit	MPR
		Frequency (MHz)		3485.01	3500.01	3515.01	(dBm)	(dB)
70	QPSK	1	1	26.76	26.73	26.77	28.5	0.0
		Channel		632002	633334	634668	Tune-up limit	MPR
		Frequency (MHz)		3480	3500.01	3520.02	(dBm)	(dB)
60	QPSK	1	1	26.68	26.78	26.70	28.5	0.0
		Channel		631668	633334	635002	Tune-up limit	MPR
		Frequency (MHz)		3475.02	3500.01	3525	(dBm)	(dB)
50	QPSK	1	1	26.75	26.77	26.75	28.5	0.0
		Channel		631334	633334	635334	Tune-up limit	MPR
		Frequency (MHz)		3470.01	3500.01	3530.01	(dBm)	(dB)
40	QPSK	1	1	26.69	26.70	26.76	28.5	0.0
		Channel		631002	633334	635668	Tune-up limit	MPR
		Frequency (MHz)		3465	3500.01	3535.02	(dBm)	(dB)
30	QPSK	1	1	26.73	26.75	26.69	28.5	0.0
		Channel		630668	633334	636002	Tune-up limit	MPR
		Frequency (MHz)		3460.02	3500.01	3540	(dBm)	(dB)
20	QPSK	1	1	26.71	26.82	26.82	28.5	0.0
		Channel		630002	633334	636668	Tune-up limit	MPR
		Frequency (MHz)		3457.5	3500.01	3542.52	(dBm)	(dB)
15	QPSK	1	1	26.77	26.82	26.80	28.5	0.0
		Channel		630334	633334	636334	Tune-up limit	MPR
		Frequency (MHz)		3455.01	3500.01	3545.01	(dBm)	(dB)
10	QPSK	1	1	26.69	26.71	26.74	28.5	0.0

Reduced Power Mode for DSI 1

n5 Ant0 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	Pi/2 BPSK	1	1	25.25	25.29	25.21	25.7	0.0
20	Pi/2 BPSK	1	53	25.16	25.26	25.16		
20	Pi/2 BPSK	1	104	25.09	25.14	25.09		
20	Pi/2 BPSK	50	0	24.82	24.79	24.72	25.7	0.0
20	Pi/2 BPSK	50	28	25.17	25.32	25.25	25.7	0.0
20	Pi/2 BPSK	50	56	24.50	24.68	24.50	25.7	0.0
20	Pi/2 BPSK	100	0	24.66	24.77	24.69		
20	QPSK	1	1	25.31	25.40	25.25		
20	QPSK	1	53	25.26	25.28	25.13	25.7	0.0
20	QPSK	1	104	24.96	25.10	24.97		
20	QPSK	50	0	24.07	24.28	24.19	25.7	0.0
20	QPSK	50	28	25.31	25.33	25.22	25.7	0.0
20	QPSK	50	56	24.01	24.17	24.01	25.7	0.0
20	QPSK	100	0	24.16	24.26	24.10		
20	16QAM	1	1	23.97	24.09	23.95	25.7	0.0
20	64QAM	1	1	22.76	22.79	22.80	24.2	1.5
20	256QAM	1	1	20.76	20.92	20.68	22.2	3.5
Channel				165300	167300	169300	Tune-up limit	MPR
Frequency (MHz)				831.5	836.5	841.5	(dBm)	(dB)
15	QPSK	1	1	25.27	25.24	25.21	25.7	0.0
Channel				165800	167300	168800	Tune-up limit	MPR
Frequency (MHz)				829	836.5	844	(dBm)	(dB)
10	QPSK	1	1	25.21	25.35	25.16	25.7	0.0
Channel				165300	167300	169300	Tune-up limit	MPR
Frequency (MHz)				826.5	836.5	846.5	(dBm)	(dB)
5	QPSK	1	1	25.16	25.28	25.08	25.7	0.0

n7 Ant0 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	Pi/2 BPSK	1	1	23.81	23.86	23.74	25.1	0.0
40	Pi/2 BPSK	1	108	23.78	23.88	23.63		
40	Pi/2 BPSK	1	214	23.78	23.87	23.71		
40	Pi/2 BPSK	108	0	23.22	23.20	23.18	24.6	0.5
40	Pi/2 BPSK	108	54	23.65	23.75	23.56	25.1	0.0
40	Pi/2 BPSK	108	108	23.14	23.23	23.04	24.6	0.5
40	Pi/2 BPSK	216	0	23.09	23.32	23.08		
40	QPSK	1	1	23.91	23.93	23.84		
40	QPSK	1	108	23.55	23.74	23.58	25.1	0.0
40	QPSK	1	214	23.57	23.79	23.72		
40	QPSK	108	0	22.72	22.77	22.72	24.1	1.0
40	QPSK	108	54	23.63	23.78	23.62	25.1	0.0
40	QPSK	108	108	22.68	22.84	22.58	24.1	1.0
40	QPSK	216	0	22.73	22.90	22.83		
40	16QAM	1	1	22.82	22.91	22.80	24.1	1.0
40	64QAM	1	1	21.17	21.20	21.04	22.6	2.5
40	256QAM	1	1	19.27	19.49	19.38	20.6	4.5
Channel				503000	507000	511000	Tune-up limit	MPR
Frequency (MHz)				2515	2535	2555	(dBm)	(dB)
30	QPSK	1	1	23.77	23.88	23.73	25.1	0.0
Channel				502500	507000	511500	Tune-up limit	MPR
Frequency (MHz)				2512.5	2535	2557.5	(dBm)	(dB)
25	QPSK	1	1	23.78	23.81	23.71	25.1	0.0
Channel				502000	507000	512000	Tune-up limit	MPR
Frequency (MHz)				2510	2535	2560	(dBm)	(dB)
20	Pi/2 BPSK	1	1	23.87	23.88	23.78	25.1	0.0
Channel				501500	507000	512500	Tune-up limit	MPR
Frequency (MHz)				2507.5	2535	2562.5	(dBm)	(dB)
15	QPSK	1	1	23.79	23.80	23.72	25.1	0.0
Channel				501000	507000	513000	Tune-up limit	MPR
Frequency (MHz)				2505	2535	2565	(dBm)	(dB)
10	QPSK	1	1	23.81	23.86	23.77	25.1	0.0
Channel				500500	507000	513500	Tune-up limit	MPR
Frequency (MHz)				2502.5	2535	2567.5	(dBm)	(dB)
5	QPSK	1	1	23.87	23.85	23.79	25.1	0.0

n66 Ant0 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	Pi/2 BPSK	1	1	24.30	24.36	24.22	25.7	0.0
40	Pi/2 BPSK	1	108	24.00	24.18	24.08		
40	Pi/2 BPSK	1	214	24.13	24.28	24.20		
40	Pi/2 BPSK	108	0	23.63	23.74	23.56	25.2	0.5
40	Pi/2 BPSK	108	54	24.08	24.23	24.17	25.7	0.0
40	Pi/2 BPSK	108	108	23.72	23.77	23.61	25.2	0.5
40	Pi/2 BPSK	216	0	23.66	23.83	23.73		
40	QPSK	1	1	24.27	24.43	24.32		
40	QPSK	1	108	24.27	24.37	24.29	25.7	0.0
40	QPSK	1	214	24.23	24.32	24.24		
40	QPSK	108	0	23.25	23.31	23.17	24.7	1.0
40	QPSK	108	54	24.18	24.21	24.13	25.7	0.0
40	QPSK	108	108	23.22	23.31	23.24	24.7	1.0
40	QPSK	216	0	23.18	23.34	23.24		
40	16QAM	1	1	23.16	23.21	23.11	24.7	1.0
40	64QAM	1	1	21.84	22.01	21.92	23.2	2.5
40	256QAM	1	1	19.66	19.82	19.74	21.2	4.5
Channel				345000	349000	353000	Tune-up limit	MPR
Frequency (MHz)				1725	1745	1765	(dBm)	(dB)
30	QPSK	1	1	24.20	24.30	24.29	25.7	0.0
Channel				344500	349000	353500	Tune-up limit	MPR
Frequency (MHz)				1722.5	1745	1767.5	(dBm)	(dB)
25	QPSK	1	1	24.19	24.37	24.18	25.7	0.0
Channel				344000	349000	354000	Tune-up limit	MPR
Frequency (MHz)				1720	1745	1770	(dBm)	(dB)
20	QPSK	1	1	24.10	24.34	24.18	25.7	0.0
Channel				343500	349000	354500	Tune-up limit	MPR
Frequency (MHz)				1717.5	1745	1772.5	(dBm)	(dB)
15	QPSK	1	1	24.12	24.29	24.23	25.7	0.0
Channel				343000	349000	355000	Tune-up limit	MPR
Frequency (MHz)				1715	1745	1775	(dBm)	(dB)
10	QPSK	1	1	24.24	24.31	24.23	25.7	0.0
Channel				342500	349000	355500	Tune-up limit	MPR
Frequency (MHz)				1712.5	1745	1777.5	(dBm)	(dB)
5	QPSK	1	1	24.18	24.28	24.26	25.7	0.0

n71 Ant0 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				134600	136100	137600		
Frequency (MHz)				673	680.5	688		
20	Pi/2 BPSK	1	1	24.72	24.77	24.73	25.7	0.0
20	Pi/2 BPSK	1	53	24.66	24.70	24.57		
20	Pi/2 BPSK	1	104	24.50	24.63	24.58		
20	Pi/2 BPSK	50	0	24.17	24.25	24.19	25.2	0.5
20	Pi/2 BPSK	50	28	24.63	24.66	24.54	25.7	0.0
20	Pi/2 BPSK	50	56	24.18	24.22	24.10	25.2	0.5
20	Pi/2 BPSK	100	0	24.17	24.27	24.22		
20	QPSK	1	1	24.75	24.80	24.66		
20	QPSK	1	53	24.71	24.76	24.68	25.7	0.0
20	QPSK	1	104	24.52	24.66	24.55		
20	QPSK	50	0	23.77	23.82	23.76	24.7	1.0
20	QPSK	50	28	24.68	24.76	24.72	25.7	0.0
20	QPSK	50	56	23.57	23.68	23.62	24.7	1.0
20	QPSK	100	0	23.70	23.77	23.71		
20	16QAM	1	1	23.80	23.88	23.79	24.7	1.0
20	64QAM	1	1	22.05	22.19	22.14	23.2	2.5
20	256QAM	1	1	20.14	20.20	20.13	21.2	4.5
Channel				134100	136100	138100	Tune-up limit	MPR
Frequency (MHz)				670.5	680.5	690.5	(dBm)	(dB)
15	QPSK	1	1	24.73	24.86	24.64	25.7	0.0
Channel				133600	136100	138600	Tune-up limit	MPR
Frequency (MHz)				668	680.5	693	(dBm)	(dB)
10	QPSK	1	1	24.77	24.82	24.65	25.7	0.0
Channel				133100	136100	139100	Tune-up limit	MPR
Frequency (MHz)				665.5	680.5	695.5	(dBm)	(dB)
5	QPSK	1	1	24.78	24.84	24.68	25.7	0.0

n38 Ant0 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	23.49	23.56	23.51	24.7	0.0
40	PI/2 BPSK	1	53	23.36	23.46	23.28		
40	PI/2 BPSK	1	104	23.25	23.44	23.34		
40	PI/2 BPSK	50	0	22.84	22.93	23.01	24.2	0.5
40	PI/2 BPSK	50	28	23.17	23.35	23.16	24.7	0.0
40	PI/2 BPSK	50	56	22.66	22.76	22.73	24.2	0.5
40	PI/2 BPSK	100	0	22.87	23.04	22.74		
40	QPSK	1	1	23.52	23.69	23.54	24.7	0.0
40	QPSK	1	53	23.08	23.20	23.31		
40	QPSK	1	104	23.28	23.48	23.08		
40	QPSK	50	0	22.49	22.64	22.39	23.7	1.0
40	QPSK	50	28	23.41	23.58	23.36	24.7	0.0
40	QPSK	50	56	22.27	22.44	22.18	23.7	1.0
40	QPSK	100	0	22.42	22.49	22.24		
40	16QAM	1	1	22.50	22.41	22.34	23.7	1.0
40	64QAM	1	1	21.06	21.13	21.22	22.2	2.5
40	256QAM	1	1	19.26	19.36	19.11	20.2	4.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	23.54	23.51	23.36	24.7	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	23.35	23.44	23.45	24.7	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	23.36	23.63	23.34	24.7	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	23.37	23.57	23.47	24.7	0.0

n41 Ant0 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	24.07	24.12	23.98	25.0	0.0
100	PI/2 BPSK	1	137	23.86	23.98	23.81		
100	PI/2 BPSK	1	271	23.74	23.81	23.74		
100	PI/2 BPSK	135	0	23.47	23.61	23.51	24.5	0.5
100	PI/2 BPSK	135	69	23.88	23.99	23.94	25.0	0.0
100	PI/2 BPSK	135	138	23.20	23.28	23.22	24.5	0.5
100	PI/2 BPSK	270	0	23.43	23.48	23.43		
100	QPSK	1	1	24.16	24.18	24.07	25.0	0.0
100	QPSK	1	137	23.78	23.95	23.84		
100	QPSK	1	271	23.55	23.72	23.55		
100	QPSK	135	0	23.00	23.05	22.93	24.0	1.0
100	QPSK	135	69	23.86	23.98	23.95	25.0	0.0
100	QPSK	135	138	22.70	22.88	22.82	24.0	1.0
100	QPSK	270	0	22.80	22.94	22.91		
100	16QAM	1	1	22.55	22.71	22.61	24.0	1.0
100	64QAM	1	1	21.52	21.65	21.59	22.5	2.5
100	256QAM	1	1	19.61	19.69	19.63	20.5	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	24.06	24.06	23.95	25.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	23.99	24.15	24.04	25.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	24.08	24.07	23.92	25.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	24.13	24.12	23.95	25.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	24.13	24.08	23.91	25.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	24.06	24.04	24.03	25.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	24.03	24.13	23.96	25.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	23.98	24.02	23.92	25.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	24.06	24.09	24.04	25.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	24.04	24.15	23.92	25.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	19.91	19.78	19.86		
20	PI/2 BPSK	1	53	19.79	19.85	19.72	21.2	0.0
20	PI/2 BPSK	1	104	19.72	19.77	19.92		
20	PI/2 BPSK	50	0	19.89	19.81	19.87	21.2	0.0
20	PI/2 BPSK	50	28	19.81	19.83	19.86	21.2	0.0
20	PI/2 BPSK	50	56	19.85	19.74	19.77	21.2	0.0
20	PI/2 BPSK	100	0	19.75	19.90	19.91		
20	QPSK	1	1	19.73	19.94	19.86		
20	QPSK	1	53	19.80	19.83	19.84	21.2	0.0
20	QPSK	1	104	19.74	19.75	19.80		
20	QPSK	50	0	19.81	19.79	19.83	21.2	0.0
20	QPSK	50	28	19.76	19.84	19.70	21.2	0.0
20	QPSK	50	56	19.74	19.68	19.69	21.2	0.0
20	QPSK	100	0	19.66	19.78	19.74		
20	16QAM	1	1	19.76	19.90	19.80	21.2	0.0
20	64QAM	1	1	19.71	19.76	19.73	21.2	0.0
20	256QAM	1	1	19.93	19.84	19.80	21.2	0.0
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	19.84	19.79	19.77	21.2	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	19.75	19.77	19.76	21.2	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	19.72	19.86	19.73	21.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				134600	136100	137600		
Frequency (MHz)				673	680.5	688		
20	PI/2 BPSK	1	1	24.41	24.46	24.30		
20	PI/2 BPSK	1	53	24.35	24.44	24.29	25.7	0.0
20	PI/2 BPSK	1	104	24.20	24.35	24.28		
20	PI/2 BPSK	50	0	23.80	23.94	23.77	25.2	0.5
20	PI/2 BPSK	50	28	24.38	24.42	24.37	25.7	0.0
20	PI/2 BPSK	50	56	23.77	23.90	23.80	25.2	0.5
20	PI/2 BPSK	100	0	23.86	23.94	23.85		
20	QPSK	1	1	24.38	24.51	24.44		
20	QPSK	1	53	24.32	24.42	24.38	25.7	0.0
20	QPSK	1	104	24.36	24.43	24.41		
20	QPSK	50	0	23.33	23.43	23.32	24.7	1.0
20	QPSK	50	28	24.44	24.49	24.39	25.7	0.0
20	QPSK	50	56	23.35	23.41	23.37	24.7	1.0
20	QPSK	100	0	23.31	23.49	23.36		
20	16QAM	1	1	23.37	23.55	23.45	24.7	1.0
20	64QAM	1	1	21.87	21.97	21.94	23.2	2.5
20	256QAM	1	1	19.95	20.01	19.87	21.2	4.5
Channel				134100	136100	138100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	1	24.35	24.44	24.38	25.7	0.0
Channel				133600	136100	138600	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	680.5	693		
10	QPSK	1	1	24.28	24.36	24.29	25.7	0.0
Channel				133100	136100	139100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	680.5	695.5		
5	QPSK	1	1	24.28	24.48	24.34	25.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel			650000	656000	662000		
	Frequency (MHz)			3750	3840	3930		
100	PI/2 BPSK	1	1	13.87	13.87	13.86	15.5	0.0
100	PI/2 BPSK	1	137	13.96	13.96	13.77		
100	PI/2 BPSK	1	271	13.91	13.79	13.91		
100	PI/2 BPSK	135	0	13.97	13.78	13.71	15.5	0.0
100	PI/2 BPSK	135	69	13.81	13.86	13.70	15.5	0.0
100	PI/2 BPSK	135	138	13.83	13.82	13.91	15.5	0.0
100	PI/2 BPSK	270	0	13.92	13.85	13.89		
100	QPSK	1	1	13.77	13.97	13.93	15.5	0.0
100	QPSK	1	137	13.80	13.88	13.92		
100	QPSK	1	271	13.88	13.78	13.73		
100	QPSK	135	0	13.80	13.91	13.82	15.5	0.0
100	QPSK	135	69	13.79	13.94	13.92	15.5	0.0
100	QPSK	135	138	13.94	13.86	13.72	15.5	0.0
100	QPSK	270	0	13.81	13.85	13.75	15.5	0.0
100	16QAM	1	1	13.78	13.87	13.85	15.5	0.0
100	64QAM	1	1	13.93	13.87	13.85	15.5	0.0
100	256QAM	1	1	13.91	13.82	13.75	15.5	0.0
	Channel			648668	656000	663334	Tune-up limit	MPR
	Frequency (MHz)			3745.02	3840	3935.01	(dBm)	(dB)
90	QPSK	1	1	13.86	13.94	14.00	15.5	0.0
	Channel			649334	656000	662668	Tune-up limit	MPR
	Frequency (MHz)			3740.01	3840	3940.02	(dBm)	(dB)
80	QPSK	1	1	13.66	14.02	14.00	15.5	0.0
	Channel			649002	656000	663000	Tune-up limit	MPR
	Frequency (MHz)			3735	3840	3945	(dBm)	(dB)
70	QPSK	1	1	13.70	13.98	14.00	15.5	0.0
	Channel			648668	656000	663334	Tune-up limit	MPR
	Frequency (MHz)			3730.02	3840	3950.01	(dBm)	(dB)
60	QPSK	1	1	13.73	13.93	13.99	15.5	0.0
	Channel			649334	656000	662668	Tune-up limit	MPR
	Frequency (MHz)			3725.01	3840	3955.02	(dBm)	(dB)
50	QPSK	1	1	13.83	14.07	13.95	15.5	0.0
	Channel			649002	656000	664000	Tune-up limit	MPR
	Frequency (MHz)			3720	3840	3960	(dBm)	(dB)
40	QPSK	1	1	13.77	14.00	14.03	15.5	0.0
	Channel			647668	656000	664334	Tune-up limit	MPR
	Frequency (MHz)			3715.02	3840	3965.01	(dBm)	(dB)
30	QPSK	1	1	13.77	13.91	13.93	15.5	0.0
	Channel			647334	656000	664668	Tune-up limit	MPR
	Frequency (MHz)			3710.01	3840	3970.02	(dBm)	(dB)
20	QPSK	1	1	13.77	14.07	13.95	15.5	0.0
	Channel			647168	656000	664834	Tune-up limit	MPR
	Frequency (MHz)			3707.52	3840	3972.51	(dBm)	(dB)
15	QPSK	1	1	13.69	13.88	13.84	15.5	0.0
	Channel			647000	656000	665000	Tune-up limit	MPR
	Frequency (MHz)			3705	3840	3975	(dBm)	(dB)
10	QPSK	1	1	13.73	13.85	13.75	15.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel			650000	656000	662000		
	Frequency (MHz)			3750	3840	3930		
100	PI/2 BPSK	1	1	16.76	16.94	16.83	18.5	0.0
100	PI/2 BPSK	1	137	16.76	16.76	16.86		
100	PI/2 BPSK	1	271	16.96	16.86	16.79		
100	PI/2 BPSK	135	0	16.82	16.81	16.94	18.5	0.0
100	PI/2 BPSK	135	69	16.74	16.76	16.80	18.5	0.0
100	PI/2 BPSK	135	138	16.88	16.94	16.78	18.5	0.0
100	PI/2 BPSK	270	0	16.75	16.76	16.77		
100	QPSK	1	1	16.79	16.99	16.80	18.5	0.0
100	QPSK	1	137	16.82	16.96	16.78		
100	QPSK	1	271	16.85	16.76	16.97		
100	QPSK	135	0	16.74	16.77	16.83	18.5	0.0
100	QPSK	135	69	16.79	16.89	16.74	18.5	0.0
100	QPSK	135	138	16.71	16.79	16.82	18.5	0.0
100	QPSK	270	0	16.78	16.79	16.73	18.5	0.0
100	16QAM	1	1	16.92	16.73	16.81	18.5	0.0
100	64QAM	1	1	16.96	16.75	16.85	18.5	0.0
100	256QAM	1	1	16.75	16.91	16.95	18.5	0.0
	Channel			648668	656000	663334	Tune-up limit	MPR
	Frequency (MHz)			3745.02	3840	3935.01	(dBm)	(dB)
90	QPSK	1	1	16.77	16.81	16.95	18.5	0.0
	Channel			649334	656000	662668	Tune-up limit	MPR
	Frequency (MHz)			3740.01	3840	3940.02	(dBm)	(dB)
80	QPSK	1	1	16.73	16.83	16.76	18.5	0.0
	Channel			649002	656000	663000	Tune-up limit	MPR
	Frequency (MHz)			3735	3840	3945	(dBm)	(dB)
70	QPSK	1	1	16.81	16.92	16.74	18.5	0.0
	Channel			648668	656000	663334	Tune-up limit	MPR
	Frequency (MHz)			3730.02	3840	3950.01	(dBm)	(dB)
60	QPSK	1	1	16.91	16.90	16.84	18.5	0.0
	Channel			649334	656000	662668	Tune-up limit	MPR
	Frequency (MHz)			3725.01	3840	3955.02	(dBm)	(dB)
50	QPSK	1	1	16.78	16.93	16.88	18.5	0.0
	Channel			649002	656000	664000	Tune-up limit	MPR
	Frequency (MHz)			3720	3840	3960	(dBm)	(dB)
40	QPSK	1	1	16.89	16.82	16.86	18.5	0.0
	Channel			647668	656000	664334	Tune-up limit	MPR
	Frequency (MHz)			3715.02	3840	3965.01	(dBm)	(dB)
30	QPSK	1	1	16.94	16.86	16.91	18.5	0.0
	Channel			647334	656000	664668	Tune-up limit	MPR
	Frequency (MHz)			3710.01	3840	3970.02	(dBm)	(dB)
20	QPSK	1	1	16.78	16.96	16.91	18.5	0.0
	Channel			647168	656000	664834	Tune-up limit	MPR
	Frequency (MHz)			3707.52	3840	3972.51	(dBm)	(dB)
15	QPSK	1	1	16.96	16.79	16.76	18.5	0.0
	Channel			647000	656000	665000	Tune-up limit	MPR
	Frequency (MHz)			3705	3840	3975	(dBm)	(dB)
10	QPSK	1	1	16.86	16.83	16.86	18.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel				633334			
	Frequency (MHz)				3500.01			
100	PI/2 BPSK	1	1		13.65		15.5	0.0
100	PI/2 BPSK	1	137		13.61			
100	PI/2 BPSK	1	271		13.54			
100	PI/2 BPSK	135	0		13.57		15.5	0.0
100	PI/2 BPSK	135	69		13.58		15.5	0.0
100	PI/2 BPSK	135	138		13.63		15.5	0.0
100	PI/2 BPSK	270	0		13.70			
100	QPSK	1	1		13.76		15.5	0.0
100	QPSK	1	137		13.64			
100	QPSK	1	271		13.73			
100	QPSK	135	0		13.67		15.5	0.0
100	QPSK	135	69		13.72		15.5	0.0
100	QPSK	135	138		13.60		15.5	0.0
100	QPSK	270	0		13.68			
100	16QAM	1	1		13.68		15.5	0.0
100	64QAM	1	1		13.71		15.5	0.0
100	256QAM	1	1		13.75		15.5	0.0
	Channel			633000	633334	633668	Tune-up limit	MPR
	Frequency (MHz)			3495	3500.01	3505.02	(dBm)	(dB)
90	QPSK	1	1	13.60	13.53	13.55	15.5	0.0
	Channel			632668	633334	634002	Tune-up limit	MPR
	Frequency (MHz)			3490.02	3500.01	3510	(dBm)	(dB)
80	QPSK	1	1	13.57	13.58	13.59	15.5	0.0
	Channel			632334	633334	634334	Tune-up limit	MPR
	Frequency (MHz)			3485.01	3500.01	3515.01	(dBm)	(dB)
70	QPSK	1	1	13.59	13.59	13.51	15.5	0.0
	Channel			632002	633334	634668	Tune-up limit	MPR
	Frequency (MHz)			3480	3500.01	3520.02	(dBm)	(dB)
60	QPSK	1	1	13.54	13.64	13.59	15.5	0.0
	Channel			631668	633334	635002	Tune-up limit	MPR
	Frequency (MHz)			3475.02	3500.01	3525	(dBm)	(dB)
50	QPSK	1	1	13.62	13.60	13.51	15.5	0.0
	Channel			631334	633334	635334	Tune-up limit	MPR
	Frequency (MHz)			3470.01	3500.01	3530.01	(dBm)	(dB)
40	QPSK	1	1	13.62	13.60	13.59	15.5	0.0
	Channel			631002	633334	635668	Tune-up limit	MPR
	Frequency (MHz)			3465	3500.01	3535.02	(dBm)	(dB)
30	QPSK	1	1	13.57	13.62	13.62	15.5	0.0
	Channel			630668	633334	636002	Tune-up limit	MPR
	Frequency (MHz)			3460.02	3500.01	3540	(dBm)	(dB)
20	QPSK	1	1	13.58	13.58	13.52	15.5	0.0
	Channel			630502	633334	636168	Tune-up limit	MPR
	Frequency (MHz)			3457.5	3500.01	3542.52	(dBm)	(dB)
15	QPSK	1	1	13.60	13.60	13.54	15.5	0.0
	Channel			630334	633334	636334	Tune-up limit	MPR
	Frequency (MHz)			3455.01	3500.01	3545.01	(dBm)	(dB)
10	QPSK	1	1	13.52	13.60	13.60	15.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel				633334			
	Frequency (MHz)				3500.01			
100	PI/2 BPSK	1	1		16.57		18.5	0.0
100	PI/2 BPSK	1	137		16.57			
100	PI/2 BPSK	1	271		16.55			
100	PI/2 BPSK	135	0		16.51		18.5	0.0
100	PI/2 BPSK	135	69		16.53		18.5	0.0
100	PI/2 BPSK	135	138		16.56		18.5	0.0
100	PI/2 BPSK	270	0		16.52			
100	QPSK	1	1		16.60		18.5	0.0
100	QPSK	1	137		16.54			
100	QPSK	1	271		16.57			
100	QPSK	135	0		16.52		18.5	0.0
100	QPSK	135	69		16.53		18.5	0.0
100	QPSK	135	138		16.52		18.5	0.0
100	QPSK	270	0		16.54			
100	16QAM	1	1		16.51		18.5	0.0
100	64QAM	1	1		16.56		18.5	0.0
100	256QAM	1	1		16.57		18.5	0.0
	Channel			633000	633334	633668	Tune-up limit	MPR
	Frequency (MHz)			3495	3500.01	3505.02	(dBm)	(dB)
90	QPSK	1	1	16.59	16.54	16.57	18.5	0.0
	Channel			632668	633334	634002	Tune-up limit	MPR
	Frequency (MHz)			3490.02	3500.01	3510	(dBm)	(dB)
80	QPSK	1	1	16.55	16.53	16.58	18.5	0.0
	Channel			632334	633334	634334	Tune-up limit	MPR
	Frequency (MHz)			3485.01	3500.01	3515.01	(dBm)	(dB)
70	QPSK	1	1	16.52	16.53	16.56	18.5	0.0
	Channel			632002	633334	634668	Tune-up limit	MPR
	Frequency (MHz)			3480	3500.01	3520.02	(dBm)	(dB)
60	QPSK	1	1	16.58	16.56	16.58	18.5	0.0
	Channel			631668	633334	635002	Tune-up limit	MPR
	Frequency (MHz)			3475.02	3500.01	3525	(dBm)	(dB)
50	QPSK	1	1	16.51	16.56	16.51	18.5	0.0
	Channel			631334	633334	635334	Tune-up limit	MPR
	Frequency (MHz)			3470.01	3500.01	3530.01	(dBm)	(dB)
40	QPSK	1	1	16.54	16.55	16.52	18.5	0.0
	Channel			631002	633334	635668	Tune-up limit	MPR
	Frequency (MHz)			3465	3500.01	3535.02	(dBm)	(dB)
30	QPSK	1	1	16.53	16.58	16.59	18.5	0.0
	Channel			630668	633334	636002	Tune-up limit	MPR
	Frequency (MHz)			3460.02	3500.01	3540	(dBm)	(dB)
20	QPSK	1	1	16.59	16.52	16.54	18.5	0.0
	Channel			630502	633334	636168	Tune-up limit	MPR
	Frequency (MHz)			3457.5	3500.01	3542.52	(dBm)	(dB)
15	QPSK	1	1	16.51	16.59	16.52	18.5	0.0
	Channel			630334	633334	636334	Tune-up limit	MPR
	Frequency (MHz)			3455.01	3500.01	3545.01	(dBm)	(dB)
10	QPSK	1	1	16.56	16.52	16.53	18.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	Pi/2 BPSK	1	1		14.45			
100	Pi/2 BPSK	1	137		14.47		16.0	0.0
100	Pi/2 BPSK	1	271		14.42			
100	Pi/2 BPSK	135	0		14.58		16.0	0.0
100	Pi/2 BPSK	135	69		14.54		16.0	0.0
100	Pi/2 BPSK	135	138		14.57		16.0	0.0
100	Pi/2 BPSK	270	0		14.56			
100	QPSK	1	1		14.63		16.0	0.0
100	QPSK	1	137		14.53			
100	QPSK	1	271		14.48			
100	QPSK	135	0		14.51		16.0	0.0
100	QPSK	135	69		14.58		16.0	0.0
100	QPSK	135	138		14.55		16.0	0.0
100	QPSK	270	0		14.54		16.0	0.0
100	16QAM	1	1		14.44		16.0	0.0
100	64QAM	1	1		14.56		16.0	0.0
100	256QAM	1	1		14.52		16.0	0.0
Channel				649668	650334	651000	Tune-up limit	MPR
Frequency (MHz)				3745.02	3750	3755.01	(dBm)	(dB)
90	QPSK	1	1	14.42	14.32	14.42	16.0	0.0
Channel				649674	650340	651668	Tune-up limit	MPR
Frequency (MHz)				3740.01	3750	3760.02	(dBm)	(dB)
80	QPSK	1	1	14.36	14.31	14.32	16.0	0.0
Channel				649680	650346	651012	Tune-up limit	MPR
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)
70	QPSK	1	1	14.22	14.22	14.35	16.0	0.0
Channel				649668	650002	651334	Tune-up limit	MPR
Frequency (MHz)				3730.02	3750	3770.01	(dBm)	(dB)
60	QPSK	1	1	14.32	14.38	14.41	16.0	0.0
Channel				649674	650008	651668	Tune-up limit	MPR
Frequency (MHz)				3725.01	3750	3775.02	(dBm)	(dB)
50	QPSK	1	1	14.23	14.22	14.42	16.0	0.0
Channel				649680	650014	652000	Tune-up limit	MPR
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	14.32	14.33	14.34	16.0	0.0
Channel				649668	650334	652334	Tune-up limit	MPR
Frequency (MHz)				3715.02	3750	3785.01	(dBm)	(dB)
30	QPSK	1	1	14.39	14.23	14.34	16.0	0.0
Channel				649674	650340	652668	Tune-up limit	MPR
Frequency (MHz)				3710.01	3750	3790.02	(dBm)	(dB)
20	QPSK	1	1	14.29	14.40	14.43	16.0	0.0
Channel				649718	650346	652334	Tune-up limit	MPR
Frequency (MHz)				3707.52	3750	3792.51	(dBm)	(dB)
15	QPSK	1	1	14.37	14.43	14.37	16.0	0.0
Channel				649009	650009	653009	Tune-up limit	MPR
Frequency (MHz)				3705	3750	3795	(dBm)	(dB)
10	QPSK	1	1	14.27	14.38	14.35	16.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	Pi/2 BPSK	1	1		17.44			
100	Pi/2 BPSK	1	137		17.47		19.0	0.0
100	Pi/2 BPSK	1	271		17.42			
100	Pi/2 BPSK	135	0		17.38		19.0	0.0
100	Pi/2 BPSK	135	69		17.36		19.0	0.0
100	Pi/2 BPSK	135	138		17.42		19.0	0.0
100	Pi/2 BPSK	270	0		17.40			
100	QPSK	1	1		17.48		19.0	0.0
100	QPSK	1	137		17.43			
100	QPSK	1	271		17.38			
100	QPSK	135	0		17.39		19.0	0.0
100	QPSK	135	69		17.46		19.0	0.0
100	QPSK	135	138		17.41		19.0	0.0
100	QPSK	270	0		17.42		19.0	0.0
100	16QAM	1	1		17.37		19.0	0.0
100	64QAM	1	1		17.41		19.0	0.0
100	256QAM	1	1		17.45		19.0	0.0
Channel				649668	650002	650334	Tune-up limit	MPR
Frequency (MHz)				3745.02	3750	3755.01	(dBm)	(dB)
90	QPSK	1	1	17.34	17.27	17.29	19.0	0.0
Channel				649674	650008	650668	Tune-up limit	MPR
Frequency (MHz)				3740.01	3750	3760.02	(dBm)	(dB)
80	QPSK	1	1	17.27	17.34	17.30	19.0	0.0
Channel				649680	650014	651002	Tune-up limit	MPR
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)
70	QPSK	1	1	17.24	17.31	17.33	19.0	0.0
Channel				649668	650002	651334	Tune-up limit	MPR
Frequency (MHz)				3730.02	3750	3770.01	(dBm)	(dB)
60	QPSK	1	1	17.23	17.31	17.27	19.0	0.0
Channel				649674	650008	651668	Tune-up limit	MPR
Frequency (MHz)				3725.01	3750	3775.02	(dBm)	(dB)
50	QPSK	1	1	17.35	17.34	17.29	19.0	0.0
Channel				649680	650014	652000	Tune-up limit	MPR
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	17.35	17.31	17.25	19.0	0.0
Channel				649668	650002	652334	Tune-up limit	MPR
Frequency (MHz)				3715.02	3750	3785.01	(dBm)	(dB)
30	QPSK	1	1	17.35	17.30	17.23	19.0	0.0
Channel				649674	650340	652668	Tune-up limit	MPR
Frequency (MHz)				3710.01	3750	3790.02	(dBm)	(dB)
20	QPSK	1	1	17.28	17.29	17.29	19.0	0.0
Channel				649718	650346	652334	Tune-up limit	MPR
Frequency (MHz)				3707.52	3750	3792.51	(dBm)	(dB)
15	QPSK	1	1	17.32	17.24	17.32	19.0	0.0
Channel				649009	650009	653009	Tune-up limit	MPR
Frequency (MHz)				3705	3750	3795	(dBm)	(dB)
10	QPSK	1	1	17.31	17.32	17.29	19.0	0.0

PC3 Part27Q n78 Ant1 DSI 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					633334			
Frequency (MHz)					3500.01			
100	Pi/2 BPSK	1	1		14.33			
100	Pi/2 BPSK	1	137		14.46		16.0	0.0
100	Pi/2 BPSK	1	271		14.48			
100	Pi/2 BPSK	135	0		14.45		16.0	0.0
100	Pi/2 BPSK	135	69		14.49		16.0	0.0
100	Pi/2 BPSK	135	138		14.38		16.0	0.0
100	Pi/2 BPSK	270	0		14.37			
100	QPSK	1	1		14.59		16.0	0.0
100	QPSK	1	137		14.45			
100	QPSK	1	271		14.46			
100	QPSK	135	0		14.47		16.0	0.0
100	QPSK	135	69		14.55		16.0	0.0
100	QPSK	135	138		14.54		16.0	0.0
100	QPSK	270	0		14.43		16.0	0.0
100	16QAM	1	1		14.50		16.0	0.0
100	64QAM	1	1		14.46		16.0	0.0
100	256QAM	1	1		14.51		16.0	0.0
Channel				633000	633334	633668	Tune-up limit	MPR
Frequency (MHz)				3495	3500.01	3505.02	(dBm)	(dB)
90	QPSK	1	1	14.28	14.35	14.30	16.0	0.0
Channel				633668	633334	634002	Tune-up limit	MPR
Frequency (MHz)				3490.02	3500.01	3510	(dBm)	(dB)
80	QPSK	1	1	14.30	14.36	14.31	16.0	0.0
Channel				633674	633334	634334	Tune-up limit	MPR
Frequency (MHz)				3485.01	3500.01	3515.01	(dBm)	(dB)
70	QPSK	1	1	14.30	14.37	14.33	16.0	0.0
Channel				633668	633334	634668	Tune-up limit	MPR
Frequency (MHz)				3480	3500.01	3520.02	(dBm)	(dB)
60	QPSK	1	1	14.30	14.37	14.30	16.0	0.0
Channel				633674	633334	635002	Tune-up limit	MPR
Frequency (MHz)				3475.02	3500.01	3525	(dBm)	(dB)
50	QPSK	1	1	14.31	14.35	14.31	16.0	0.0
Channel				633334	633334	635334	Tune-up limit	MPR
Frequency (MHz)				3470.01	3500.01	3530.01	(dBm)	(dB)
40	QPSK	1	1	14.27	14.35	14.30	16.0	0.0
Channel				633668	633334	635668	Tune-up limit	MPR
Frequency (MHz)				3465	3500.01	3535.02	(dBm)	(dB)
30	QPSK	1	1	14.33	14.36	14.34	16.0	0.0
Channel				633674	633334	636002	Tune-up limit	MPR
Frequency (MHz)				3460.02	3500.01	3540	(dBm)	(dB)
20	QPSK	1	1	14.30	14.38	14.30	16.0	0.0
Channel				633718	633334	636334	Tune-up limit	MPR
Frequency (MHz)				3457.5	3500.01	3542.52	(dBm)	(dB)
15	QPSK	1	1	14.27	14.33	14.32	16.0	0.0
Channel				633334	633334	636334	Tune-up limit	MPR
Frequency (MHz)				3455.01	3500.01	3545.01	(dBm)	(dB)
10	QPSK	1	1	14.28	14.34	14.31	16.0	0.0

PC2 Part27Q n78 Ant1 DSI 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					633334			
Frequency (MHz)					3500.01			
100	Pi/2 BPSK	1	1		17.34			
100	Pi/2 BPSK	1	137		17.13		19.0	0.0
100	Pi/2 BPSK	1	271		17.16			
100	Pi/2 BPSK	135	0		17.25		19.0	0.0
100	Pi/2 BPSK	135	69		17.18		19.0	0.0
100	Pi/2 BPSK	135	138		17.18		19.0	0.0
100	Pi/2 BPSK	270	0		17.17			
100	QPSK	1	1		17.37		19.0	0.0
100	QPSK	1	137		17.34			
100	QPSK	1	271		17.33			
100	QPSK	135	0		17.26		19.0	0.0
100	QPSK	135	69		17.33		19.0	0.0
100	QPSK	135	138		17.20		19.0	0.0
100	QPSK	270	0		17.24		19.0	0.0
100	16QAM	1	1		17.20		19.0	0.0
100	64QAM	1	1		17.32		19.0	0.0
100	256QAM	1	1		17.17		19.0	0.0
Channel				633000	633334	633668	Tune-up limit	MPR
Frequency (MHz)				3495	3500.01	3505.02	(dBm)	(dB)
90	QPSK	1	1	17.32	17.20	17.18	19.0	0.0
Channel				633668	633334	634002	Tune-up limit	MPR
Frequency (MHz)				3490.02	3500.01	3510	(dBm)	(dB)
80	QPSK	1	1	17.21	17.21	17.29	19.0	0.0
Channel				633674	633334	634334	Tune-up limit	MPR
Frequency (MHz)				3485.01	3500.01	3515.01	(dBm)	(dB)
70	QPSK	1	1	17.18	17.35	17.17	19.0	0.0
Channel				633668	633334	634668	Tune-up limit	MPR
Frequency (MHz)				3480	3500.01	3520.02	(dBm)	(dB)
60	QPSK	1	1	17.22	17.29	17.21	19.0	0.0
Channel				633674	633334	635002	Tune-up limit	MPR
Frequency (MHz)				3475.02	3500.01	3525	(dBm)	(dB)
50	QPSK	1	1	17.28	17.18	17.23	19.0	0.0
Channel				633334	633334	635334	Tune-up limit	MPR
Frequency (MHz)				3470.01	3500.01	3530.01	(dBm)	(dB)
40	QPSK	1	1	17.30	17.28	17.14	19.0	0.0
Channel				633668	633334	635668	Tune-up limit	MPR
Frequency (MHz)				3465	3500.01	3535.02	(dBm)	(dB)
30	QPSK	1	1	17.19	17.26	17.20	19.0	0.0
Channel				633674	633334	636002	Tune-up limit	MPR
Frequency (MHz)				3460.02	3500.01	3540	(dBm)	(dB)
20	QPSK	1	1	17.17	17.25	17.20	19.0	0.0
Channel				633718	633334	636334	Tune-up limit	MPR
Frequency (MHz)				3457.5	3500.01	3542.52	(dBm)	(dB)
15	QPSK	1	1	17.15	17.32	17.28	19.0	0.0
Channel				633334	633334	636334	Tune-up limit	MPR
Frequency (MHz)				3455.01	3500.01	3545.01	(dBm)	(dB)
10	QPSK	1	1	17.20	17.25	17.16	19.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	25.04	25.05	25.09	25.7	0.0
40	PI/2 BPSK	1	108	25.16	25.05	25.05		
40	PI/2 BPSK	1	214	25.02	25.07	25.11		
40	PI/2 BPSK	108	0	24.46	24.64	24.46	25.2	0.5
40	PI/2 BPSK	108	54	24.95	25.22	25.13	25.7	0.0
40	PI/2 BPSK	108	108	24.51	24.78	24.71	25.2	0.5
40	PI/2 BPSK	216	0	24.66	24.80	24.38		
40	QPSK	1	1	25.02	25.25	25.05	25.7	0.0
40	QPSK	1	108	25.17	25.17	25.04		
40	QPSK	1	214	25.09	24.87	24.84		
40	QPSK	108	0	23.91	24.23	23.98	24.7	1.0
40	QPSK	108	54	24.97	25.21	25.06	25.7	0.0
40	QPSK	108	108	24.02	24.06	23.86	24.7	1.0
40	QPSK	216	0	23.83	24.25	24.07		
40	16QAM	1	1	24.18	24.08	24.18	24.7	1.0
40	64QAM	1	1	22.50	22.66	22.50	23.2	2.5
40	256QAM	1	1	20.50	20.52	20.42	21.2	4.5
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	25.03	25.05	24.91	25.7	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	25.03	25.03	24.94	25.7	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	25.01	25.16	25.00	25.7	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	24.94	25.24	24.95	25.7	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	24.91	25.11	25.09	25.7	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	24.98	25.16	24.92	25.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	25.22	25.21	25.24	25.7	0.0
40	PI/2 BPSK	1	108	25.16	25.24	25.06		
40	PI/2 BPSK	1	214	25.22	25.15	25.10		
40	PI/2 BPSK	108	0	24.71	24.67	24.82	25.2	0.5
40	PI/2 BPSK	108	54	25.21	25.20	25.09	25.7	0.0
40	PI/2 BPSK	108	108	24.88	24.84	24.97	25.2	0.5
40	PI/2 BPSK	216	0	24.62	24.77	24.90		
40	QPSK	1	1	25.14	25.27	25.06	25.7	0.0
40	QPSK	1	108	25.08	25.20	25.11		
40	QPSK	1	214	25.21	25.22	25.22		
40	QPSK	108	0	24.22	24.24	24.21	24.7	1.0
40	QPSK	108	54	25.09	25.18	25.00	25.7	0.0
40	QPSK	108	108	24.19	24.04	23.91	24.7	1.0
40	QPSK	216	0	24.33	24.39	24.32		
40	16QAM	1	1	24.14	24.29	24.12	24.7	1.0
40	64QAM	1	1	22.92	22.82	22.65	23.2	2.5
40	256QAM	1	1	20.53	20.72	20.81	21.2	4.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	24.99	25.13	25.08	25.7	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	25.04	25.09	24.91	25.7	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	24.98	25.18	24.86	25.7	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	25.08	25.11	25.00	25.7	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	25.02	25.18	25.07	25.7	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	24.98	25.17	24.94	25.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	24.98	25.15	25.04		
40	PI/2 BPSK	1	53	24.93	25.11	25.06	25.7	0.0
40	PI/2 BPSK	1	104	25.11	25.19	25.02		
40	PI/2 BPSK	50	0	24.61	24.78	24.75	25.2	0.5
40	PI/2 BPSK	50	28	25.03	25.16	25.01	25.7	0.0
40	PI/2 BPSK	50	56	24.59	24.85	24.53	25.2	0.5
40	PI/2 BPSK	100	0	24.58	24.76	24.52		
40	QPSK	1	1	25.12	25.23	25.18		
40	QPSK	1	53	25.05	25.08	25.04	25.7	0.0
40	QPSK	1	104	25.07	25.17	25.08		
40	QPSK	50	0	24.21	24.26	24.13	24.7	1.0
40	QPSK	50	28	25.05	25.19	25.01	25.7	0.0
40	QPSK	50	56	24.05	24.13	24.05	24.7	1.0
40	QPSK	100	0	24.11	24.21	24.12		
40	16QAM	1	1	24.13	24.27	24.15	24.7	1.0
40	64QAM	1	1	22.62	22.79	22.69	23.2	2.5
40	256QAM	1	1	20.51	20.66	20.60	21.2	4.5
Channel				517702	518000	518998	Tune-up limit	MPR
Frequency (MHz)				2585.01	2595	2604.99	(dBm)	(dB)
30	QPSK	1	1	24.93	25.03	24.99	25.7	0.0
Channel				517600	518000	518200	Tune-up limit	MPR
Frequency (MHz)				2580	2595	2610	(dBm)	(dB)
20	QPSK	1	1	24.90	25.16	25.18	25.7	0.0
Channel				517502	518000	518498	Tune-up limit	MPR
Frequency (MHz)				2577.51	2595	2612.49	(dBm)	(dB)
15	QPSK	1	1	25.06	25.01	25.03	25.7	0.0
Channel				517404	518002	518299	Tune-up limit	MPR
Frequency (MHz)				2575.02	2595	2614.98	(dBm)	(dB)
10	QPSK	1	1	25.09	25.04	25.16	25.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	25.25	25.44	25.40		
100	PI/2 BPSK	1	137	25.06	25.36	25.31	25.7	0.0
100	PI/2 BPSK	1	271	25.27	25.39	25.37		
100	PI/2 BPSK	135	0	24.81	25.00	24.95	25.2	0.5
100	PI/2 BPSK	135	69	25.31	25.48	25.32	25.7	0.0
100	PI/2 BPSK	135	138	24.66	24.89	24.79	25.2	0.5
100	PI/2 BPSK	270	0	24.77	24.91	24.87		
100	QPSK	1	1	25.30	25.51	25.45		
100	QPSK	1	137	25.34	25.46	25.32	25.7	0.0
100	QPSK	1	271	25.05	25.26	25.11		
100	QPSK	135	0	24.12	24.32	24.34	24.7	1.0
100	QPSK	135	69	25.23	25.39	25.27	25.7	0.0
100	QPSK	135	138	24.13	24.37	24.22	24.7	1.0
100	QPSK	270	0	24.15	24.42	24.34		
100	16QAM	1	1	24.12	24.29	24.26	24.7	1.0
100	64QAM	1	1	22.59	22.84	22.83	23.2	2.5
100	256QAM	1	1	20.77	21.02	20.93	21.2	4.5
Channel				508200	518598	528998	Tune-up limit	MPR
Frequency (MHz)				2541	2592.99	2644.98	(dBm)	(dB)
90	QPSK	1	1	25.16	25.38	25.33	25.7	0.0
Channel				507204	518598	529998	Tune-up limit	MPR
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)	(dB)
80	QPSK	1	1	25.27	25.27	25.42	25.7	0.0
Channel				506202	518598	531002	Tune-up limit	MPR
Frequency (MHz)				2531.01	2592.99	2655	(dBm)	(dB)
70	QPSK	1	1	25.11	25.49	25.24	25.7	0.0
Channel				505200	518598	531996	Tuneup limit	MPR
Frequency (MHz)				2526	2592.99	2659.98	(dBm)	(dB)
60	QPSK	1	1	25.07	25.45	25.31	25.7	0.0
Channel				504204	518598	532998	Tuneup limit	MPR
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)	(dB)
50	QPSK	1	1	25.11	25.41	25.37	25.7	0.0
Channel				503202	518598	534000	Tuneup limit	MPR
Frequency (MHz)				2516.01	2592.99	2670	(dBm)	(dB)
40	QPSK	1	1	25.17	25.36	25.26	25.7	0.0
Channel				502200	518598	535998	Tuneup limit	MPR
Frequency (MHz)				2511	2592.99	2674.98	(dBm)	(dB)
30	QPSK	1	1	25.20	25.46	25.34	25.7	0.0
Channel				501204	518598	537996	Tuneup limit	MPR
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)	(dB)
20	QPSK	1	1	25.27	25.48	25.41	25.7	0.0
Channel				500700	518598	536496	Tuneup limit	MPR
Frequency (MHz)				2503.5	2592.99	2682.48	(dBm)	(dB)
15	QPSK	1	1	25.16	25.32	25.26	25.7	0.0
Channel				500202	518598	537000	Tuneup limit	MPR
Frequency (MHz)				2501.01	2592.99	2685	(dBm)	(dB)
10	QPSK	1	1	25.24	25.44	25.21	25.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel			650000	656000	662000		
	Frequency (MHz)			3750	3840	3930		
100	PI/2 BPSK	1	1	22.04	22.11	22.06		
100	PI/2 BPSK	1	137	22.02	22.03	21.91	23.5	0.0
100	PI/2 BPSK	1	271	21.95	22.01	21.99		
100	PI/2 BPSK	135	0	21.66	21.91	21.79	23.5	0.0
100	PI/2 BPSK	135	69	21.93	22.07	21.98	23.5	0.0
100	PI/2 BPSK	135	138	21.71	21.80	21.70	23.5	0.0
100	PI/2 BPSK	270	0	21.64	21.75	21.66		
100	QPSK	1	1	22.01	22.17	22.08		
100	QPSK	1	137	22.11	22.13	22.09	23.5	0.0
100	QPSK	1	271	22.02	22.00	22.04		
100	QPSK	135	0	21.81	21.93	21.89	23.5	0.0
100	QPSK	135	69	21.99	22.02	21.91	23.5	0.0
100	QPSK	135	138	21.98	21.94	21.83	23.5	0.0
100	QPSK	270	0	21.93	21.94	21.79	23.5	0.0
100	16QAM	1	1	21.86	21.99	21.78		
100	64QAM	1	1	21.33	21.49	21.40	23.0	0.5
100	256QAM	1	1	19.39	19.56	19.34	21.0	2.5
	Channel			648668	656000	663334	Tune-up limit	MPR
	Frequency (MHz)			3745.02	3840	3935.01	(dBm)	(dB)
90	QPSK	1	1	21.89	22.04	22.00	23.5	0.0
	Channel			649334	656000	662668	Tune-up limit	MPR
	Frequency (MHz)			3740.01	3840	3940.02	(dBm)	(dB)
80	QPSK	1	1	21.98	22.07	21.95	23.5	0.0
	Channel			649002	656000	663002	Tune-up limit	MPR
	Frequency (MHz)			3735	3840	3945	(dBm)	(dB)
70	QPSK	1	1	21.95	22.10	21.94	23.5	0.0
	Channel			648668	656000	663334	Tune-up limit	MPR
	Frequency (MHz)			3730.02	3840	3950.01	(dBm)	(dB)
60	QPSK	1	1	21.97	22.12	21.97	23.5	0.0
	Channel			649334	656000	662668	Tune-up limit	MPR
	Frequency (MHz)			3725.01	3840	3955.02	(dBm)	(dB)
50	QPSK	1	1	21.92	22.10	22.03	23.5	0.0
	Channel			649002	656000	664002	Tune-up limit	MPR
	Frequency (MHz)			3720	3840	3960	(dBm)	(dB)
40	QPSK	1	1	21.86	22.10	21.99	23.5	0.0
	Channel			647668	656000	664334	Tune-up limit	MPR
	Frequency (MHz)			3715.02	3840	3965.01	(dBm)	(dB)
30	QPSK	1	1	21.90	22.11	21.94	23.5	0.0
	Channel			647334	656000	664668	Tune-up limit	MPR
	Frequency (MHz)			3710.01	3840	3970.02	(dBm)	(dB)
20	QPSK	1	1	21.93	22.13	22.01	23.5	0.0
	Channel			647168	656000	665334	Tune-up limit	MPR
	Frequency (MHz)			3707.52	3840	3972.51	(dBm)	(dB)
15	QPSK	1	1	21.88	22.12	21.98	23.5	0.0
	Channel			647000	656000	665000	Tune-up limit	MPR
	Frequency (MHz)			3705	3840	3975	(dBm)	(dB)
10	QPSK	1	1	21.94	22.12	22.03	23.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel			650000	656000	662000		
	Frequency (MHz)			3750	3840	3930		
100	PI/2 BPSK	1	0	23.89	23.95	23.80		
100	PI/2 BPSK	1	137	24.00	24.04	23.91	25.5	0.0
100	PI/2 BPSK	1	271	23.84	23.91	23.79		
100	PI/2 BPSK	135	0	23.87	24.04	23.98	25.5	0.0
100	PI/2 BPSK	135	69	23.92	23.98	23.89	25.5	0.0
100	PI/2 BPSK	135	138	23.66	23.74	23.67	25.5	0.0
100	PI/2 BPSK	270	0	23.81	23.96	23.85		
100	QPSK	1	1	23.86	24.09	23.98		
100	QPSK	1	137	23.99	24.02	23.92	25.5	0.0
100	QPSK	1	271	23.89	23.93	23.75		
100	QPSK	135	0	23.90	23.98	23.82	25.5	0.0
100	QPSK	135	69	23.97	24.00	23.95	25.5	0.0
100	QPSK	135	138	23.65	23.69	23.52	25.5	0.0
100	QPSK	270	0	23.63	23.77	23.69	25.5	0.0
100	16QAM	1	1	23.59	23.53	23.59	25.5	0.0
100	64QAM	1	1	22.12	22.13	22.15	24.0	1.5
100	256QAM	1	1	20.33	20.43	20.28	22.0	3.5
	Channel			648668	656000	663334	Tune-up limit	MPR
	Frequency (MHz)			3745.02	3840	3935.01	(dBm)	(dB)
90	QPSK	1	1	23.79	23.98	23.84	25.5	0.0
	Channel			649334	656000	662668	Tune-up limit	MPR
	Frequency (MHz)			3740.01	3840	3940.02	(dBm)	(dB)
80	QPSK	1	1	23.71	24.00	23.91	25.5	0.0
	Channel			649002	656000	663002	Tune-up limit	MPR
	Frequency (MHz)			3735	3840	3945	(dBm)	(dB)
70	QPSK	1	1	23.81	23.91	23.81	25.5	0.0
	Channel			648668	656000	663334	Tune-up limit	MPR
	Frequency (MHz)			3730.02	3840	3950.01	(dBm)	(dB)
60	QPSK	1	1	23.72	24.06	23.84	25.5	0.0
	Channel			649334	656000	662668	Tune-up limit	MPR
	Frequency (MHz)			3725.01	3840	3955.02	(dBm)	(dB)
50	QPSK	1	1	23.71	24.01	23.94	25.5	0.0
	Channel			649002	656000	664002	Tune-up limit	MPR
	Frequency (MHz)			3720	3840	3960	(dBm)	(dB)
40	QPSK	1	1	23.83	23.93	23.91	25.5	0.0
	Channel			647668	656000	664334	Tune-up limit	MPR
	Frequency (MHz)			3715.02	3840	3965.01	(dBm)	(dB)
30	QPSK	1	1	23.77	24.05	23.89	25.5	0.0
	Channel			647334	656000	664668	Tune-up limit	MPR
	Frequency (MHz)			3710.01	3840	3970.02	(dBm)	(dB)
20	QPSK	1	1	23.83	24.02	23.93	25.5	0.0
	Channel			647168	656000	665334	Tune-up limit	MPR
	Frequency (MHz)			3707.52	3840	3972.51	(dBm)	(dB)
15	QPSK	1	1	23.75	23.97	23.95	25.5	0.0
	Channel			647000	656000	665000	Tune-up limit	MPR
	Frequency (MHz)			3705	3840	3975	(dBm)	(dB)
10	QPSK	1	1	23.73	23.95	23.82	25.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel				633334			
	Frequency (MHz)				3500.01			
100	PI/2 BPSK	1	1		21.72			
100	PI/2 BPSK	1	137		21.68		23.5	0.0
100	PI/2 BPSK	1	271		21.70			
100	PI/2 BPSK	135	0		21.70		23.5	0.0
100	PI/2 BPSK	135	69		21.74		23.5	0.0
100	PI/2 BPSK	135	138		21.66		23.5	0.0
100	PI/2 BPSK	270	0		21.65			
100	QPSK	1	1		21.89			
100	QPSK	1	137		21.68		23.5	0.0
100	QPSK	1	271		21.74			
100	QPSK	135	0		21.66		23.5	0.0
100	QPSK	135	69		21.74		23.5	0.0
100	QPSK	135	138		21.65		23.5	0.0
100	QPSK	270	0		21.71			
100	16QAM	1	1		21.65		23.5	0.0
100	64QAM	1	1		21.24		23.0	0.5
100	256QAM	1	1		19.33		21.0	2.5
	Channel			633000	633334	633668	Tune-up limit	MPR
	Frequency (MHz)			3495	3500.01	3505.02	(dBm)	(dB)
90	QPSK	1	1	21.66	21.76	21.74	23.5	0.0
	Channel			632668	633334	634002	Tune-up limit	MPR
	Frequency (MHz)			3490.02	3500.01	3510	(dBm)	(dB)
80	QPSK	1	1	21.72	21.69	21.67	23.5	0.0
	Channel			632334	633334	634334	Tune-up limit	MPR
	Frequency (MHz)			3485.01	3500.01	3515.01	(dBm)	(dB)
70	QPSK	1	1	21.68	21.70	21.65	23.5	0.0
	Channel			632002	633334	634668	Tune-up limit	MPR
	Frequency (MHz)			3480	3500.01	3521.02	(dBm)	(dB)
60	QPSK	1	1	21.75	21.72	21.76	23.5	0.0
	Channel			631668	633334	635002	Tune-up limit	MPR
	Frequency (MHz)			3475.02	3500.01	3525	(dBm)	(dB)
50	QPSK	1	1	21.70	21.74	21.70	23.5	0.0
	Channel			631334	633334	635334	Tune-up limit	MPR
	Frequency (MHz)			3470.01	3500.01	3530.01	(dBm)	(dB)
40	QPSK	1	1	21.72	21.77	21.66	23.5	0.0
	Channel			631002	633334	635668	Tune-up limit	MPR
	Frequency (MHz)			3465	3500.01	3535.02	(dBm)	(dB)
30	QPSK	1	1	21.74	21.70	21.74	23.5	0.0
	Channel			630668	633334	636002	Tune-up limit	MPR
	Frequency (MHz)			3460.02	3500.01	3540	(dBm)	(dB)
20	QPSK	1	1	21.67	21.70	21.76	23.5	0.0
	Channel			630334	633334	636668	Tune-up limit	MPR
	Frequency (MHz)			3457.5	3500.01	3542.52	(dBm)	(dB)
15	QPSK	1	1	21.76	21.76	21.66	23.5	0.0
	Channel			630334	633334	636334	Tune-up limit	MPR
	Frequency (MHz)			3455.01	3500.01	3545.01	(dBm)	(dB)
10	QPSK	1	1	21.66	21.72	21.69	23.5	0.0

PC2 Part27Q n77 Ant3 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel				633334			
	Frequency (MHz)				3500.01			
100	PI/2 BPSK	1	1		23.70			
100	PI/2 BPSK	1	137		23.63		25.5	0.0
100	PI/2 BPSK	1	271		23.71			
100	PI/2 BPSK	135	0		23.69		25.5	0.0
100	PI/2 BPSK	135	69		23.72		25.5	0.0
100	PI/2 BPSK	135	138		23.66		25.5	0.0
100	PI/2 BPSK	270	0		23.74			
100	QPSK	1	1		23.78			
100	QPSK	1	137		23.76		25.5	0.0
100	QPSK	1	271		23.68			
100	QPSK	135	0		23.72		25.5	0.0
100	QPSK	135	69		23.73		25.5	0.0
100	QPSK	135	138		23.68		25.5	0.0
100	QPSK	270	0		23.71			
100	16QAM	1	1		23.72		25.5	0.0
100	64QAM	1	1		22.37		24.0	1.5
100	256QAM	1	1		20.24		22.0	3.5
	Channel			633000	633334	633668	Tune-up limit	MPR
	Frequency (MHz)			3495	3500.01	3505.02	(dBm)	(dB)
90	QPSK	1	1	23.63	23.72	23.70	25.5	0.0
	Channel			632668	633334	634002	Tune-up limit	MPR
	Frequency (MHz)			3490.02	3500.01	3510	(dBm)	(dB)
80	QPSK	1	1	23.74	23.72	23.64	25.5	0.0
	Channel			632334	633334	634334	Tune-up limit	MPR
	Frequency (MHz)			3485.01	3500.01	3515.01	(dBm)	(dB)
70	QPSK	1	1	23.71	23.69	23.66	25.5	0.0
	Channel			632002	633334	634668	Tune-up limit	MPR
	Frequency (MHz)			3480	3500.01	3520.02	(dBm)	(dB)
60	QPSK	1	1	23.70	23.68	23.70	25.5	0.0
	Channel			631668	633334	635002	Tune-up limit	MPR
	Frequency (MHz)			3475.02	3500.01	3525	(dBm)	(dB)
50	QPSK	1	1	23.72	23.67	23.64	25.5	0.0
	Channel			631334	633334	635334	Tune-up limit	MPR
	Frequency (MHz)			3470.01	3500.01	3530.01	(dBm)	(dB)
40	QPSK	1	1	23.70	23.68	23.65	25.5	0.0
	Channel			631002	633334	635668	Tune-up limit	MPR
	Frequency (MHz)			3465	3500.01	3535.02	(dBm)	(dB)
30	QPSK	1	1	23.68	23.68	23.71	25.5	0.0
	Channel			630668	633334	636002	Tune-up limit	MPR
	Frequency (MHz)			3460.02	3500.01	3540	(dBm)	(dB)
20	QPSK	1	1	23.64	23.70	23.66	25.5	0.0
	Channel			630334	633334	636668	Tune-up limit	MPR
	Frequency (MHz)			3457.5	3500.01	3542.52	(dBm)	(dB)
15	QPSK	1	1	23.67	23.67	23.69	25.5	0.0
	Channel			630334	633334	636334	Tune-up limit	MPR
	Frequency (MHz)			3455.01	3500.01	3545.01	(dBm)	(dB)
10	QPSK	1	1	23.72	23.68	23.65	25.5	0.0

PC3 Part27O n78 Ant3 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
		Channel		650000	650000	650000		
		Frequency (MHz)		3750	3750	3750		
100	PI/2 BPSK	1	1		21.83			
100	PI/2 BPSK	1	137		21.88		23.5	0.0
100	PI/2 BPSK	1	271		21.71			
100	PI/2 BPSK	135	0		21.58		23.5	0.0
100	PI/2 BPSK	135	69		21.71		23.5	0.0
100	PI/2 BPSK	135	138		21.65		23.5	0.0
100	PI/2 BPSK	270	0		21.61			
100	QPSK	1	1		21.89		23.5	0.0
100	QPSK	1	137		21.85			
100	QPSK	1	271		21.78			
100	QPSK	135	0		21.73		23.5	0.0
100	QPSK	135	69		21.76		23.5	0.0
100	QPSK	135	138		21.63			
100	QPSK	270	0		21.66		23.5	0.0
100	16QAM	1	1		21.62		23.5	0.0
100	64QAM	1	1		21.13		23.0	0.5
100	256QAM	1	1		19.19		21.0	2.5
		Channel		649668	650334	650334	Tune-up limit	MPR
		Frequency (MHz)		3745.02	3750	3755.01	(dBm)	(dB)
90	QPSK	1	1	21.84	21.82	21.81	23.5	0.0
		Channel		649334	650002	650668	Tune-up limit	MPR
		Frequency (MHz)		3740.01	3750	3760.02	(dBm)	(dB)
80	QPSK	1	1	21.80	21.83	21.76	23.5	0.0
		Channel		649002	650002	651002	Tune-up limit	MPR
		Frequency (MHz)		3735	3750	3765	(dBm)	(dB)
70	QPSK	1	1	21.82	21.77	21.77	23.5	0.0
		Channel		648668	650002	651334	Tune-up limit	MPR
		Frequency (MHz)		3730.02	3750	3770.01	(dBm)	(dB)
60	QPSK	1	1	21.82	21.85	21.77	23.5	0.0
		Channel		648334	650002	651668	Tune-up limit	MPR
		Frequency (MHz)		3725.01	3750	3775.02	(dBm)	(dB)
50	QPSK	1	1	21.83	21.75	21.82	23.5	0.0
		Channel		648002	650002	652002	Tune-up limit	MPR
		Frequency (MHz)		3721	3750	3780	(dBm)	(dB)
40	QPSK	1	1	21.77	21.74	21.82	23.5	0.0
		Channel		647668	650002	652334	Tune-up limit	MPR
		Frequency (MHz)		3715.02	3750	3785.01	(dBm)	(dB)
30	QPSK	1	1	21.79	21.74	21.80	23.5	0.0
		Channel		647334	650002	652668	Tune-up limit	MPR
		Frequency (MHz)		3710.01	3750	3790.02	(dBm)	(dB)
20	QPSK	1	1	21.84	21.81	21.83	23.5	0.0
		Channel		647168	650002	652334	Tune-up limit	MPR
		Frequency (MHz)		3707.52	3750	3792.51	(dBm)	(dB)
15	QPSK	1	1	21.82	21.76	21.75	23.5	0.0
		Channel		647002	650002	653002	Tune-up limit	MPR
		Frequency (MHz)		3705	3750	3795	(dBm)	(dB)
10	QPSK	1	1	21.75	21.77	21.81	23.5	0.0

PC2 Part27O n78 Ant3 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
		Channel		650000	650000	650000		
		Frequency (MHz)		3750	3750	3750		
100	PI/2 BPSK	1	1		23.71			
100	PI/2 BPSK	1	137		23.75		25.0	0.0
100	PI/2 BPSK	1	271		23.69			
100	PI/2 BPSK	135	0		23.53		25.0	0.0
100	PI/2 BPSK	135	69		23.67		25.0	0.0
100	PI/2 BPSK	135	138		23.56		25.0	0.0
100	PI/2 BPSK	270	0		23.64			
100	QPSK	1	1		23.81		25.0	0.0
100	QPSK	1	137		23.78			
100	QPSK	1	271		23.64			
100	QPSK	135	0		23.58		25.0	0.0
100	QPSK	135	69		23.73		25.0	0.0
100	QPSK	135	138		23.51			
100	QPSK	270	0		23.70		25.0	0.0
100	16QAM	1	1		23.14		25.0	0.0
100	64QAM	1	1		21.69		23.5	1.5
100	256QAM	1	1		19.95		21.5	3.5
		Channel		649668	650002	650334	Tune-up limit	MPR
		Frequency (MHz)		3745.02	3750	3755.01	(dBm)	(dB)
90	QPSK	1	1	23.68	23.67	23.77	25.0	0.0
		Channel		649334	650002	650668	Tune-up limit	MPR
		Frequency (MHz)		3740.01	3750	3760.02	(dBm)	(dB)
80	QPSK	1	1	23.75	23.74	23.68	25.0	0.0
		Channel		649002	650002	651002	Tune-up limit	MPR
		Frequency (MHz)		3735	3750	3765	(dBm)	(dB)
70	QPSK	1	1	23.76	23.75	23.78	25.0	0.0
		Channel		648668	650002	651334	Tune-up limit	MPR
		Frequency (MHz)		3730.02	3750	3770.01	(dBm)	(dB)
60	QPSK	1	1	23.63	23.69	23.68	25.0	0.0
		Channel		648334	650002	651668	Tune-up limit	MPR
		Frequency (MHz)		3725.01	3750	3775.02	(dBm)	(dB)
50	QPSK	1	1	23.77	23.68	23.71	25.0	0.0
		Channel		648002	650002	652002	Tune-up limit	MPR
		Frequency (MHz)		3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	23.69	23.73	23.78	25.0	0.0
		Channel		647668	650002	652334	Tune-up limit	MPR
		Frequency (MHz)		3715.02	3750	3785.01	(dBm)	(dB)
30	QPSK	1	1	23.78	23.64	23.76	25.0	0.0
		Channel		647334	650002	652668	Tune-up limit	MPR
		Frequency (MHz)		3710.01	3750	3790.02	(dBm)	(dB)
20	QPSK	1	1	23.68	23.71	23.73	25.0	0.0
		Channel		647168	650002	652334	Tune-up limit	MPR
		Frequency (MHz)		3707.52	3750	3792.51	(dBm)	(dB)
15	QPSK	1	1	23.69	23.63	23.66	25.0	0.0
		Channel		647002	650002	653002	Tune-up limit	MPR
		Frequency (MHz)		3705	3750	3795	(dBm)	(dB)
10	QPSK	1	1	23.66	23.78	23.69	25.0	0.0

PC3 Part27Q n78 Ant3 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
		Channel			633334			
		Frequency (MHz)			3500.01			
100	PI/2 BPSK	1	1		21.68			
100	PI/2 BPSK	1	137		21.75		23.5	0.0
100	PI/2 BPSK	1	271		21.66			
100	PI/2 BPSK	135	0		21.54		23.5	0.0
100	PI/2 BPSK	135	69		21.72		23.5	0.0
100	PI/2 BPSK	135	138		21.55		23.5	0.0
100	PI/2 BPSK	270	0		21.58			
100	QPSK	1	1		21.76		23.5	0.0
100	QPSK	1	137		21.70			
100	QPSK	1	271		21.65			
100	QPSK	135	0		21.62		23.5	0.0
100	QPSK	135	69		21.69		23.5	0.0
100	QPSK	135	138		21.66			
100	QPSK	270	0		21.73		23.5	0.0
100	16QAM	1	1		21.75		23.5	0.0
100	64QAM	1	1		21.10		23.0	0.5
100	256QAM	1	1		19.29		21.0	2.5
		Channel		633000	633334	633668	Tune-up limit	MPR
		Frequency (MHz)		3495	3500.01	3505.02	(dBm)	(dB)
90	QPSK	1	1	21.68	21.68	21.64	23.5	0.0
		Channel		632968	633334	634000	Tune-up limit	MPR
		Frequency (MHz)		3490.02	3500.01	3510	(dBm)	(dB)
80	QPSK	1	1	21.71	21.72	21.70	23.5	0.0
		Channel		632334	633334	634334	Tune-up limit	MPR
		Frequency (MHz)		3485.01	3500.01	3515.01	(dBm)	(dB)
70	QPSK	1	1	21.65	21.72	21.61	23.5	0.0
		Channel		632702	633334	634668	Tune-up limit	MPR
		Frequency (MHz)		3480	3500.01	3521.02	(dBm)	(dB)
60	QPSK	1	1	21.72	21.73	21.70	23.5	0.0
		Channel		631668	633334	635002	Tune-up limit	MPR
		Frequency (MHz)		3475.02	3500.01	3525	(dBm)	(dB)
50	QPSK	1	1	21.63	21.63	21.72	23.5	0.0
		Channel		631334	633334	635334	Tune-up limit	MPR
		Frequency (MHz)		3470.01	3500.01	3530.01	(dBm)	(dB)
40	QPSK	1	1	21.67	21.65	21.71	23.5	0.0
		Channel		631002	633334	635668	Tune-up limit	MPR
		Frequency (MHz)		3465	3500.01	3535.02	(dBm)	(dB)
30	QPSK	1	1	21.65	21.65	21.70	23.5	0.0
		Channel		630668	633334	636002	Tune-up limit	MPR
		Frequency (MHz)		3460.02	3500.01	3540	(dBm)	(dB)
20	QPSK	1	1	21.68	21.71	21.70	23.5	0.0
		Channel		630002	633334	636668	Tune-up limit	MPR
		Frequency (MHz)		3457.5	3500.01	3542.52	(dBm)	(dB)
15	QPSK	1	1	21.66	21.65	21.65	23.5	0.0
		Channel		630334	633334	636334	Tune-up limit	MPR
		Frequency (MHz)		3455.01	3500.01	3545.01	(dBm)	(dB)
10	QPSK	1	1	21.71	21.72	21.63	23.5	0.0

PC2 Part27Q n78 Ant3 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
		Channel			633334			
		Frequency (MHz)			3500.01			
100	PI/2 BPSK	1	1		23.62			
100	PI/2 BPSK	1	137		23.69		25.0	0.0
100	PI/2 BPSK	1	271		23.66			
100	PI/2 BPSK	135	0		23.55		25.0	0.0
100	PI/2 BPSK	135	69		23.68		25.0	0.0
100	PI/2 BPSK	135	138		23.66		25.0	0.0
100	PI/2 BPSK	270	0		23.61			
100	QPSK	1	1		23.71		25.0	0.0
100	QPSK	1	137		23.67			
100	QPSK	1	271		23.68			
100	QPSK	135	0		23.60		25.0	0.0
100	QPSK	135	69		23.70		25.0	0.0
100	QPSK	135	138		23.66			
100	QPSK	270	0		23.71		25.0	0.0
100	16QAM	1	1		23.57		25.0	0.0
100	64QAM	1	1		22.12		23.5	1.5
100	256QAM	1	1		20.34		21.5	3.5
		Channel		633000	633334	633668	Tune-up limit	MPR
		Frequency (MHz)		3495	3500.01	3505.02	(dBm)	(dB)
90	QPSK	1	1	23.58	23.68	23.57	25.0	0.0
		Channel		632968	633334	634002	Tune-up limit	MPR
		Frequency (MHz)		3490.02	3500.01	3510	(dBm)	(dB)
80	QPSK	1	1	23.56	23.64	23.58	25.0	0.0
		Channel		632334	633334	634334	Tune-up limit	MPR
		Frequency (MHz)		3485.01	3500.01	3515.01	(dBm)	(dB)
70	QPSK	1	1	23.57	23.62	23.60	25.0	0.0
		Channel		632002	633334	634668	Tune-up limit	MPR
		Frequency (MHz)		3480	3500.01	3520.02	(dBm)	(dB)
60	QPSK	1	1	23.61	23.65	23.65	25.0	0.0
		Channel		631668	633334	635002	Tune-up limit	MPR
		Frequency (MHz)		3475.02	3500.01	3525	(dBm)	(dB)
50	QPSK	1	1	23.68	23.66	23.58	25.0	0.0
		Channel		631334	633334	635334	Tune-up limit	MPR
		Frequency (MHz)		3470.01	3500.01	3530.01	(dBm)	(dB)
40	QPSK	1	1	23.61	23.56	23.56	25.0	0.0
		Channel		631002	633334	635668	Tune-up limit	MPR
		Frequency (MHz)		3465	3500.01	3535.02	(dBm)	(dB)
30	QPSK	1	1	23.62	23.63	23.65	25.0	0.0
		Channel		630668	633334	636002	Tune-up limit	MPR
		Frequency (MHz)		3460.02	3500.01	3540	(dBm)	(dB)
20	QPSK	1	1	23.62	23.59	23.64	25.0	0.0
		Channel		630002	633334	636668	Tune-up limit	MPR
		Frequency (MHz)		3457.5	3500.01	3542.52	(dBm)	(dB)
15	QPSK	1	1	23.58	23.60	23.64	25.0	0.0
		Channel		630334	633334	636334	Tune-up limit	MPR
		Frequency (MHz)		3455.01	3500.01	3545.01	(dBm)	(dB)
10	QPSK	1	1	23.64	23.56	23.61	25.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	15.90	16.15	16.13	16.7	0.0
40	PI/2 BPSK	1	108	16.10	16.13	16.05		
40	PI/2 BPSK	1	214	16.12	16.23	16.07		
40	PI/2 BPSK	108	0	16.04	16.34	16.04	16.7	0.0
40	PI/2 BPSK	108	54	16.22	16.13	16.06	16.7	0.0
40	PI/2 BPSK	108	108	16.04	16.35	15.99	16.7	0.0
40	PI/2 BPSK	216	0	15.99	16.20	16.01		
40	QPSK	1	1	16.11	16.36	16.10	16.7	0.0
40	QPSK	1	108	16.02	16.26	16.17		
40	QPSK	1	214	15.82	15.15	16.04		
40	QPSK	108	0	16.03	16.18	16.23	16.7	0.0
40	QPSK	108	54	15.95	16.28	16.13	16.7	0.0
40	QPSK	108	108	16.03	16.17	16.02	16.7	0.0
40	QPSK	216	0	16.16	16.27	15.95		
40	16QAM	1	1	16.22	16.15	16.17	16.7	0.0
40	64QAM	1	1	16.16	16.19	16.16	16.7	0.0
40	256QAM	1	1	16.12	16.25	16.17	16.7	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	16.04	16.14	16.07	16.7	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	16.13	16.24	16.12	16.7	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	16.00	16.35	16.09	16.7	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	16.08	16.29	16.05	16.7	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	16.07	16.27	16.00	16.7	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	16.09	16.27	16.03	16.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	15.97	16.20	16.13	16.7	0.0
40	PI/2 BPSK	1	108	15.90	16.12	16.04		
40	PI/2 BPSK	1	214	15.92	16.22	16.07		
40	PI/2 BPSK	108	0	16.04	16.23	16.04	16.7	0.0
40	PI/2 BPSK	108	54	15.95	16.24	16.02	16.7	0.0
40	PI/2 BPSK	108	108	16.00	16.08	15.92	16.7	0.0
40	PI/2 BPSK	216	0	15.99	16.05	16.03		
40	QPSK	1	1	16.06	16.27	16.13	16.7	0.0
40	QPSK	1	108	15.86	16.06	16.03		
40	QPSK	1	214	15.85	16.21	16.10		
40	QPSK	108	0	15.86	16.24	15.97	16.7	0.0
40	QPSK	108	54	15.91	16.25	16.05	16.7	0.0
40	QPSK	108	108	15.85	15.97	15.94	16.7	0.0
40	QPSK	216	0	15.95	16.13	15.97		
40	16QAM	1	1	15.87	16.23	16.04	16.7	0.0
40	64QAM	1	1	15.84	16.19	15.93	16.7	0.0
40	256QAM	1	1	16.03	16.14	16.09	16.7	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	15.87	16.06	16.00	16.7	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	16.03	16.07	16.08	16.7	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	15.97	16.12	16.02	16.7	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	15.91	16.13	15.95	16.7	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	15.90	16.13	16.04	16.7	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	15.96	16.12	15.96	16.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	14.87	15.04	15.06	15.7	0.0
40	PI/2 BPSK	1	53	14.88	15.19	15.12		
40	PI/2 BPSK	1	104	14.93	15.22	14.96		
40	PI/2 BPSK	50	0	15.06	15.13	14.95	15.7	0.0
40	PI/2 BPSK	50	28	14.86	15.23	14.94	15.7	0.0
40	PI/2 BPSK	50	56	14.99	15.20	15.02	15.7	0.0
40	PI/2 BPSK	100	0	14.92	15.19	15.01		
40	QPSK	1	1	15.08	15.24	15.14	15.7	0.0
40	QPSK	1	53	14.97	15.23	15.01		
40	QPSK	1	104	14.97	15.04	15.05		
40	QPSK	50	0	14.87	15.11	15.08	15.7	0.0
40	QPSK	50	28	14.99	15.18	15.06	15.7	0.0
40	QPSK	50	56	14.96	15.05	14.97	15.7	0.0
40	QPSK	100	0	14.87	15.12	15.01		
40	16QAM	1	1	15.03	15.15	14.93	15.7	0.0
40	64QAM	1	1	15.03	15.15	14.94	15.7	0.0
40	256QAM	1	1	15.02	15.14	15.11	15.7	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	14.92	15.16	14.93	15.7	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	14.98	15.15	15.05	15.7	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	14.97	15.15	15.05	15.7	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	14.96	15.18	15.08	15.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	15.89	15.94	15.85	16.7	0.0
100	PI/2 BPSK	1	137	15.76	15.87	15.82		
100	PI/2 BPSK	1	271	15.69	16.03	15.85		
100	PI/2 BPSK	135	0	15.77	15.95	15.82	16.7	0.0
100	PI/2 BPSK	135	69	15.73	15.98	15.94	16.7	0.0
100	PI/2 BPSK	135	138	15.84	15.92	15.85	16.7	0.0
100	PI/2 BPSK	270	0	15.72	15.89	15.79		
100	QPSK	1	1	15.90	16.08	15.99	16.7	0.0
100	QPSK	1	137	15.85	15.89	15.91		
100	QPSK	1	271	15.70	15.89	15.86		
100	QPSK	135	0	15.72	15.89	15.88	16.7	0.0
100	QPSK	135	69	15.71	15.95	15.90	16.7	0.0
100	QPSK	135	138	15.82	15.86	15.88	16.7	0.0
100	QPSK	270	0	15.73	15.90	15.89		
100	16QAM	1	1	15.88	15.69	15.80	16.7	0.0
100	64QAM	1	1	15.76	15.93	15.90	16.7	0.0
100	256QAM	1	1	15.79	15.75	15.84	16.7	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	15.73	16.04	15.92	16.7	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	15.71	15.89	15.92	16.7	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	15.81	15.88	15.92	16.7	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	15.76	16.05	15.88	16.7	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	15.87	15.86	15.97	16.7	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	15.85	15.91	15.99	16.7	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	15.82	16.04	15.81	16.7	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	15.90	15.99	15.78	16.7	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	15.82	15.95	15.92	16.7	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	15.73	16.00	15.87	16.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	14.28	14.33	14.25	15.2	0.0
40	PI/2 BPSK	1	108	14.21	14.37	14.25		
40	PI/2 BPSK	1	214	14.12	14.25	14.12		
40	PI/2 BPSK	108	0	14.30	14.39	14.18	15.2	0.0
40	PI/2 BPSK	108	54	14.25	14.43	14.15	15.2	0.0
40	PI/2 BPSK	108	108	14.20	14.23	14.10	15.2	0.0
40	PI/2 BPSK	216	0	14.17	14.34	14.26		
40	QPSK	1	1	14.31	14.46	14.25	15.2	0.0
40	QPSK	1	108	14.15	14.25	14.21		
40	QPSK	1	214	14.19	14.40	14.21		
40	QPSK	108	0	14.15	14.36	14.23	15.2	0.0
40	QPSK	108	54	14.32	14.37	14.22	15.2	0.0
40	QPSK	108	108	14.12	14.19	14.10	15.2	0.0
40	QPSK	216	0	14.12	14.28	14.19		
40	16QAM	1	1	14.26	14.27	14.16	15.2	0.0
40	64QAM	1	1	14.17	14.22	14.16	15.2	0.0
40	256QAM	1	1	14.13	14.36	14.25	15.2	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	14.16	14.34	14.26	15.2	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	14.19	14.38	14.06	15.2	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	14.14	14.30	14.17	15.2	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	14.19	14.29	14.10	15.2	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	14.22	14.34	14.18	15.2	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	14.31	14.41	14.19	15.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	15.90	15.81	15.87	16.7	0.0
40	PI/2 BPSK	1	108	15.87	15.87	15.82		
40	PI/2 BPSK	1	214	15.81	15.86	15.74		
40	PI/2 BPSK	108	0	15.85	15.90	15.82	16.7	0.0
40	PI/2 BPSK	108	54	15.90	15.84	15.91	16.7	0.0
40	PI/2 BPSK	108	108	15.79	16.01	15.79	16.7	0.0
40	PI/2 BPSK	216	0	15.89	15.81	15.86		
40	QPSK	1	1	15.86	16.02	15.94	16.7	0.0
40	QPSK	1	108	15.90	15.88	15.89		
40	QPSK	1	214	15.79	15.85	15.91		
40	QPSK	108	0	15.88	15.81	15.79	16.7	0.0
40	QPSK	108	54	15.94	15.98	15.93	16.7	0.0
40	QPSK	108	108	15.82	15.84	15.87	16.7	0.0
40	QPSK	216	0	15.84	15.88	15.77		
40	16QAM	1	1	15.85	15.80	15.82	16.7	0.0
40	64QAM	1	1	15.80	15.83	15.83	16.7	0.0
40	256QAM	1	1	15.97	15.91	15.73	16.7	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	15.97	15.89	15.88	16.7	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	15.95	15.96	15.75	16.7	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	15.86	16.02	15.93	16.7	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	15.96	15.84	15.93	16.7	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	15.98	16.01	15.73	16.7	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	15.97	15.93	15.87	16.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	14.31	14.53	14.22	15.2	0.0
40	PI/2 BPSK	1	53	14.20	14.39	14.25		
40	PI/2 BPSK	1	104	14.19	14.46	14.27		
40	PI/2 BPSK	50	0	14.18	14.38	14.08	15.2	0.0
40	PI/2 BPSK	50	28	14.28	14.39	14.23	15.2	0.0
40	PI/2 BPSK	50	56	14.34	14.39	14.15	15.2	0.0
40	PI/2 BPSK	100	0	14.13	14.47	14.08		
40	QPSK	1	1	14.32	14.56	14.27	15.2	0.0
40	QPSK	1	53	14.21	14.37	14.05		
40	QPSK	1	104	14.30	14.46	14.11		
40	QPSK	50	0	14.29	14.34	14.26	15.2	0.0
40	QPSK	50	28	14.28	14.35	14.10	15.2	0.0
40	QPSK	50	56	14.16	14.25	14.28	15.2	0.0
40	QPSK	100	0	14.19	14.20	14.19		
40	16QAM	1	1	14.32	14.50	14.18	15.2	0.0
40	64QAM	1	1	14.25	14.43	14.14	15.2	0.0
40	256QAM	1	1	14.33	14.48	14.11	15.2	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	14.29	14.35	14.17	15.2	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	14.13	14.38	14.27	15.2	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	14.12	14.53	14.06	15.2	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	14.16	14.49	14.16	15.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	14.33	14.40	14.35	15.2	0.0
100	PI/2 BPSK	1	137	14.32	14.49	14.13		
100	PI/2 BPSK	1	271	14.41	14.40	14.17		
100	PI/2 BPSK	135	0	14.41	14.54	14.29	15.2	0.0
100	PI/2 BPSK	135	69	14.33	14.50	14.13	15.2	0.0
100	PI/2 BPSK	135	138	14.33	14.44	14.31	15.2	0.0
100	PI/2 BPSK	270	0	14.36	14.37	14.32		
100	QPSK	1	1	14.45	14.58	14.34	15.2	0.0
100	QPSK	1	137	14.42	14.40	14.34		
100	QPSK	1	271	14.47	14.55	14.24		
100	QPSK	135	0	14.13	14.23	14.28	15.2	0.0
100	QPSK	135	69	14.28	14.43	14.25	15.2	0.0
100	QPSK	135	138	14.28	14.19	14.25	15.2	0.0
100	QPSK	270	0	14.13	14.30	14.14		
100	16QAM	1	1	14.32	14.53	14.34	15.2	0.0
100	64QAM	1	1	14.38	14.54	14.27	15.2	0.0
100	256QAM	1	1	14.29	14.49	14.23	15.2	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	14.26	14.53	14.14	15.2	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	14.30	14.43	14.30	15.2	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	14.31	14.47	14.16	15.2	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	14.26	14.42	14.34	15.2	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	14.36	14.53	14.31	15.2	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	14.31	14.44	14.19	15.2	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	14.35	14.50	14.33	15.2	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	14.39	14.48	14.18	15.2	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	14.27	14.38	14.24	15.2	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	14.46	14.48	14.27	15.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
		Channel		650000	656000	662000		
		Frequency (MHz)		3750	3840	3930		
100	PI/2 BPSK	1	1	15.32	15.68	15.55	16.2	0.0
100	PI/2 BPSK	1	137	15.34	15.54	15.51		
100	PI/2 BPSK	1	271	15.42	15.69	15.63		
100	PI/2 BPSK	135	0	15.40	15.71	15.45	16.2	0.0
100	PI/2 BPSK	135	69	15.33	15.67	15.56	16.2	0.0
100	PI/2 BPSK	135	138	15.42	15.65	15.53	16.2	0.0
100	PI/2 BPSK	270	0	15.52	15.66	15.48		
100	QPSK	1	1	15.54	15.75	15.62	16.2	0.0
100	QPSK	1	137	15.39	15.64	15.60		
100	QPSK	1	271	15.41	15.57	15.48		
100	QPSK	135	0	15.51	15.64	15.49	16.2	0.0
100	QPSK	135	69	15.42	15.58	15.60	16.2	0.0
100	QPSK	135	138	15.52	15.63	15.57	16.2	0.0
100	QPSK	270	0	15.47	15.61	15.49	16.2	0.0
100	16QAM	1	1	15.42	15.71	15.59	16.2	0.0
100	64QAM	1	1	15.50	15.69	15.42	16.2	0.0
100	256QAM	1	1	15.36	15.74	15.52	16.2	0.0
		Channel		649018	656000	662934	Tune-up limit	MPR
		Frequency (MHz)		3745.02	3840	3935.01	(dBm)	(dB)
90	QPSK	1	1	15.57	15.54	15.57	16.2	0.0
		Channel		649334	656000	662618	Tune-up limit	MPR
		Frequency (MHz)		3740.01	3840	3940.02	(dBm)	(dB)
80	QPSK	1	1	15.57	15.61	15.42	16.2	0.0
		Channel		649002	656000	663002	Tune-up limit	MPR
		Frequency (MHz)		3735	3840	3945	(dBm)	(dB)
70	QPSK	1	1	15.56	15.62	15.62	16.2	0.0
		Channel		649018	656000	663134	Tune-up limit	MPR
		Frequency (MHz)		3730.02	3840	3950.01	(dBm)	(dB)
60	QPSK	1	1	15.58	15.51	15.56	16.2	0.0
		Channel		649334	656000	663318	Tune-up limit	MPR
		Frequency (MHz)		3725.01	3840	3955.02	(dBm)	(dB)
50	QPSK	1	1	15.59	15.57	15.42	16.2	0.0
		Channel		649002	656000	664002	Tune-up limit	MPR
		Frequency (MHz)		3720	3840	3960	(dBm)	(dB)
40	QPSK	1	1	15.41	15.51	15.50	16.2	0.0
		Channel		649018	656000	664134	Tune-up limit	MPR
		Frequency (MHz)		3715.02	3840	3965.01	(dBm)	(dB)
30	QPSK	1	1	15.43	15.58	15.52	16.2	0.0
		Channel		649334	656000	664618	Tune-up limit	MPR
		Frequency (MHz)		3710.01	3840	3970.02	(dBm)	(dB)
20	QPSK	1	1	15.48	15.64	15.53	16.2	0.0
		Channel		649166	656000	664134	Tune-up limit	MPR
		Frequency (MHz)		3707.52	3840	3972.51	(dBm)	(dB)
15	QPSK	1	1	15.56	15.61	15.59	16.2	0.0
		Channel		647000	656000	665000	Tune-up limit	MPR
		Frequency (MHz)		3705	3840	3975	(dBm)	(dB)
10	QPSK	1	1	15.58	15.56	15.50	16.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
		Channel		650000	656000	662000		
		Frequency (MHz)		3750	3840	3930		
100	PI/2 BPSK	1	1	18.35	18.51	18.54	19.2	0.0
100	PI/2 BPSK	1	137	18.38	18.64	18.36		
100	PI/2 BPSK	1	271	18.35	18.54	18.54		
100	PI/2 BPSK	135	0	18.32	18.52	18.38	19.2	0.0
100	PI/2 BPSK	135	69	18.33	18.52	18.40	19.2	0.0
100	PI/2 BPSK	135	138	18.43	18.58	18.47	19.2	0.0
100	PI/2 BPSK	270	0	18.47	18.52	18.44		
100	QPSK	1	1	18.51	18.69	18.57	19.2	0.0
100	QPSK	1	137	18.47	18.63	18.58		
100	QPSK	1	271	18.31	18.60	18.47		
100	QPSK	135	0	18.30	18.48	18.49	19.2	0.0
100	QPSK	135	69	18.46	18.55	18.44	19.2	0.0
100	QPSK	135	138	18.50	18.48	18.39	19.2	0.0
100	QPSK	270	0	18.37	18.50	18.47	19.2	0.0
100	16QAM	1	1	18.29	18.59	18.37	19.2	0.0
100	64QAM	1	1	18.48	18.51	18.52	19.2	0.0
100	256QAM	1	1	18.45	18.50	18.48	19.2	0.0
		Channel		649018	656000	662134	Tune-up limit	MPR
		Frequency (MHz)		3745.02	3840	3935.01	(dBm)	(dB)
90	QPSK	1	1	18.41	18.69	18.45	19.2	0.0
		Channel		649334	656000	662618	Tune-up limit	MPR
		Frequency (MHz)		3740.01	3840	3940.02	(dBm)	(dB)
80	QPSK	1	1	18.43	18.61	18.47	19.2	0.0
		Channel		649002	656000	663002	Tune-up limit	MPR
		Frequency (MHz)		3735	3840	3945	(dBm)	(dB)
70	QPSK	1	1	18.53	18.81	18.65	19.2	0.0
		Channel		649018	656000	663134	Tune-up limit	MPR
		Frequency (MHz)		3730.02	3840	3950.01	(dBm)	(dB)
60	QPSK	1	1	18.56	18.60	18.61	19.2	0.0
		Channel		649334	656000	663618	Tune-up limit	MPR
		Frequency (MHz)		3725.01	3840	3955.02	(dBm)	(dB)
50	QPSK	1	1	18.57	18.63	18.51	19.2	0.0
		Channel		649002	656000	664002	Tune-up limit	MPR
		Frequency (MHz)		3720	3840	3960	(dBm)	(dB)
40	QPSK	1	1	18.43	18.63	18.61	19.2	0.0
		Channel		647018	656000	664134	Tune-up limit	MPR
		Frequency (MHz)		3715.02	3840	3965.01	(dBm)	(dB)
30	QPSK	1	1	18.51	18.68	18.66	19.2	0.0
		Channel		647214	656000	664618	Tune-up limit	MPR
		Frequency (MHz)		3710.01	3840	3970.02	(dBm)	(dB)
20	QPSK	1	1	18.50	18.67	18.50	19.2	0.0
		Channel		647168	656000	664134	Tune-up limit	MPR
		Frequency (MHz)		3707.52	3840	3972.51	(dBm)	(dB)
15	QPSK	1	1	18.52	18.69	18.44	19.2	0.0
		Channel		647000	656000	665000	Tune-up limit	MPR
		Frequency (MHz)		3705	3840	3975	(dBm)	(dB)
10	QPSK	1	1	18.37	18.69	18.63	19.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
		Channel			633334			
		Frequency (MHz)			3500.01			
100	PI/2 BPSK	1	1		15.58		16.2	0.0
100	PI/2 BPSK	1	137		15.67			
100	PI/2 BPSK	1	271		15.58			
100	PI/2 BPSK	135	0		15.65		16.2	0.0
100	PI/2 BPSK	135	69		15.57		16.2	0.0
100	PI/2 BPSK	135	138		15.61		16.2	0.0
100	PI/2 BPSK	270	0		15.53			
100	QPSK	1	1		15.69		16.2	0.0
100	QPSK	1	137		15.49			
100	QPSK	1	271		15.63			
100	QPSK	135	0		15.48		16.2	0.0
100	QPSK	135	69		15.60		16.2	0.0
100	QPSK	135	138		15.52		16.2	0.0
100	QPSK	270	0		15.55		16.2	0.0
100	16QAM	1	1		15.63		16.2	0.0
100	64QAM	1	1		15.52		16.2	0.0
100	256QAM	1	1		15.57		16.2	0.0
		Channel		633000	633334	633668	Tune-up limit	MPR
		Frequency (MHz)		3495	3500.01	3505.02	(dBm)	(dB)
90	QPSK	1	1	15.48	15.49	15.59	16.2	0.0
		Channel		632668	633334	634002	Tune-up limit	MPR
		Frequency (MHz)		3490.02	3500.01	3510	(dBm)	(dB)
80	QPSK	1	1	15.42	15.49	15.64	16.2	0.0
		Channel		632334	633334	634334	Tune-up limit	MPR
		Frequency (MHz)		3485.01	3500.01	3515.01	(dBm)	(dB)
70	QPSK	1	1	15.52	15.66	15.51	16.2	0.0
		Channel		632002	633334	634668	Tune-up limit	MPR
		Frequency (MHz)		3480	3500.01	3520.02	(dBm)	(dB)
60	QPSK	1	1	15.57	15.55	15.61	16.2	0.0
		Channel		631668	633334	635002	Tune-up limit	MPR
		Frequency (MHz)		3475.02	3500.01	3525	(dBm)	(dB)
50	QPSK	1	1	15.38	15.59	15.52	16.2	0.0
		Channel		631334	633334	635334	Tune-up limit	MPR
		Frequency (MHz)		3470.01	3500.01	3530.01	(dBm)	(dB)
40	QPSK	1	1	15.44	15.67	15.57	16.2	0.0
		Channel		631002	633334	635668	Tune-up limit	MPR
		Frequency (MHz)		3465	3500.01	3535.02	(dBm)	(dB)
30	QPSK	1	1	15.55	15.56	15.58	16.2	0.0
		Channel		630668	633334	636002	Tune-up limit	MPR
		Frequency (MHz)		3460.02	3500.01	3540	(dBm)	(dB)
20	QPSK	1	1	15.59	15.58	15.68	16.2	0.0
		Channel		630502	633334	636168	Tune-up limit	MPR
		Frequency (MHz)		3457.5	3500.01	3542.52	(dBm)	(dB)
15	QPSK	1	1	15.59	15.64	15.66	16.2	0.0
		Channel		630334	633334	636334	Tune-up limit	MPR
		Frequency (MHz)		3455.01	3500.01	3545.01	(dBm)	(dB)
10	QPSK	1	1	15.46	15.54	15.64	16.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
		Channel			633334			
		Frequency (MHz)			3500.01			
100	PI/2 BPSK	1	1		18.46		19.2	0.0
100	PI/2 BPSK	1	137		18.36			
100	PI/2 BPSK	1	271		18.53			
100	PI/2 BPSK	135	0		18.47		19.2	0.0
100	PI/2 BPSK	135	69		18.43		19.2	0.0
100	PI/2 BPSK	135	138		18.53		19.2	0.0
100	PI/2 BPSK	270	0		18.46			
100	QPSK	1	1		18.58		19.2	0.0
100	QPSK	1	137		18.39			
100	QPSK	1	271		18.46			
100	QPSK	135	0		18.37		19.2	0.0
100	QPSK	135	69		18.49		19.2	0.0
100	QPSK	135	138		18.38		19.2	0.0
100	QPSK	270	0		18.41		19.2	0.0
100	16QAM	1	1		18.43		19.2	0.0
100	64QAM	1	1		18.57		19.2	0.0
100	256QAM	1	1		18.46		19.2	0.0
		Channel		633000	633334	633668	Tune-up limit	MPR
		Frequency (MHz)		3495	3500.01	3505.02	(dBm)	(dB)
90	QPSK	1	1	18.33	18.55	18.37	19.2	0.0
		Channel		632668	633334	634002	Tune-up limit	MPR
		Frequency (MHz)		3490.02	3500.01	3510	(dBm)	(dB)
80	QPSK	1	1	18.47	18.39	18.41	19.2	0.0
		Channel		632334	633334	634334	Tune-up limit	MPR
		Frequency (MHz)		3485.01	3500.01	3515.01	(dBm)	(dB)
70	QPSK	1	1	18.51	18.40	18.46	19.2	0.0
		Channel		632002	633334	634668	Tune-up limit	MPR
		Frequency (MHz)		3480	3500.01	3520.02	(dBm)	(dB)
60	QPSK	1	1	18.44	18.39	18.54	19.2	0.0
		Channel		631668	633334	635002	Tune-up limit	MPR
		Frequency (MHz)		3475.02	3500.01	3525	(dBm)	(dB)
50	QPSK	1	1	18.39	18.48	18.47	19.2	0.0
		Channel		631334	633334	635334	Tune-up limit	MPR
		Frequency (MHz)		3470.01	3500.01	3530.01	(dBm)	(dB)
40	QPSK	1	1	18.35	18.39	18.39	19.2	0.0
		Channel		631002	633334	635668	Tune-up limit	MPR
		Frequency (MHz)		3465	3500.01	3535.02	(dBm)	(dB)
30	QPSK	1	1	18.34	18.40	18.47	19.2	0.0
		Channel		630668	633334	636002	Tune-up limit	MPR
		Frequency (MHz)		3460.02	3500.01	3540	(dBm)	(dB)
20	QPSK	1	1	18.33	18.42	18.50	19.2	0.0
		Channel		630502	633334	636168	Tune-up limit	MPR
		Frequency (MHz)		3457.5	3500.01	3542.52	(dBm)	(dB)
15	QPSK	1	1	18.38	18.44	18.50	19.2	0.0
		Channel		630334	633334	636334	Tune-up limit	MPR
		Frequency (MHz)		3455.01	3500.01	3545.01	(dBm)	(dB)
10	QPSK	1	1	18.37	18.50	18.42	19.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
		Channel		650000	650000	650000		
		Frequency (MHz)		3750	3750	3750		
100	PI/2 BPSK	1	1		17.15			
100	PI/2 BPSK	1	137		17.02		17.7	0.0
100	PI/2 BPSK	1	271		17.06			
100	PI/2 BPSK	135	0		17.14		17.7	0.0
100	PI/2 BPSK	135	69		17.10		17.7	0.0
100	PI/2 BPSK	135	138		17.14		17.7	0.0
100	PI/2 BPSK	270	0		17.19			
100	QPSK	1	1		17.22		17.7	0.0
100	QPSK	1	137		17.12			
100	QPSK	1	271		17.06			
100	QPSK	135	0		17.06		17.7	0.0
100	QPSK	135	69		17.11		17.7	0.0
100	QPSK	135	138		17.08		17.7	0.0
100	QPSK	270	0		17.09			
100	16QAM	1	1		17.11		17.7	0.0
100	64QAM	1	1		17.06		17.7	0.0
100	256QAM	1	1		17.15		17.7	0.0
		Channel		649668	650334	651334	Tune-up limit	MPR
		Frequency (MHz)		3745.02	3750	3755.01	(dBm)	(dB)
90	QPSK	1	1	16.98	16.95	16.91	17.7	0.0
		Channel		649334	650001	650668	Tune-up limit	MPR
		Frequency (MHz)		3740.01	3750	3760.02	(dBm)	(dB)
80	QPSK	1	1	16.93	17.03	16.98	17.7	0.0
		Channel		649002	650002	651002	Tune-up limit	MPR
		Frequency (MHz)		3735	3750	3765	(dBm)	(dB)
70	QPSK	1	1	16.93	17.01	16.87	17.7	0.0
		Channel		648668	650002	651334	Tune-up limit	MPR
		Frequency (MHz)		3730.02	3750	3770.01	(dBm)	(dB)
60	QPSK	1	1	16.93	17.03	16.85	17.7	0.0
		Channel		648334	650002	651668	Tune-up limit	MPR
		Frequency (MHz)		3725.01	3750	3775.02	(dBm)	(dB)
50	QPSK	1	1	16.88	17.03	16.89	17.7	0.0
		Channel		648002	650002	652002	Tune-up limit	MPR
		Frequency (MHz)		3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	16.92	16.96	16.92	17.7	0.0
		Channel		647668	650002	652334	Tune-up limit	MPR
		Frequency (MHz)		3715.02	3750	3785.01	(dBm)	(dB)
30	QPSK	1	1	16.96	17.04	16.81	17.7	0.0
		Channel		647334	650002	652668	Tune-up limit	MPR
		Frequency (MHz)		3710.01	3750	3790.02	(dBm)	(dB)
20	QPSK	1	1	17.02	17.06	17.03	17.7	0.0
		Channel		647168	650002	652334	Tune-up limit	MPR
		Frequency (MHz)		3707.52	3750	3792.51	(dBm)	(dB)
15	QPSK	1	1	16.95	17.01	16.90	17.7	0.0
		Channel		647002	650002	653002	Tune-up limit	MPR
		Frequency (MHz)		3705	3750	3795	(dBm)	(dB)
10	QPSK	1	1	16.86	17.09	16.84	17.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
		Channel		650000	650000	650000		
		Frequency (MHz)		3750	3750	3750		
100	PI/2 BPSK	1	1		20.04			
100	PI/2 BPSK	1	137		20.23		20.7	0.0
100	PI/2 BPSK	1	271		20.19			
100	PI/2 BPSK	135	0		20.06		20.7	0.0
100	PI/2 BPSK	135	69		20.13		20.7	0.0
100	PI/2 BPSK	135	138		20.15		20.7	0.0
100	PI/2 BPSK	270	0		20.15			
100	QPSK	1	1		20.24		20.7	0.0
100	QPSK	1	137		20.13			
100	QPSK	1	271		20.22			
100	QPSK	135	0		20.05		20.7	0.0
100	QPSK	135	69		20.19		20.7	0.0
100	QPSK	135	138		20.19		20.7	0.0
100	QPSK	270	0		20.12			
100	16QAM	1	1		20.17		20.7	0.0
100	64QAM	1	1		20.23		20.7	0.0
100	256QAM	1	1		20.07		20.7	0.0
		Channel		649668	650002	650334	Tune-up limit	MPR
		Frequency (MHz)		3745.02	3750	3755.01	(dBm)	(dB)
90	QPSK	1	1	20.13	20.21	20.14	20.7	0.0
		Channel		649334	650002	650668	Tune-up limit	MPR
		Frequency (MHz)		3740.01	3750	3760.02	(dBm)	(dB)
80	QPSK	1	1	20.05	20.00	19.94	20.7	0.0
		Channel		649002	650002	651002	Tune-up limit	MPR
		Frequency (MHz)		3735	3750	3765	(dBm)	(dB)
70	QPSK	1	1	19.93	20.02	19.98	20.7	0.0
		Channel		648668	650002	651334	Tune-up limit	MPR
		Frequency (MHz)		3730.02	3750	3770.01	(dBm)	(dB)
60	QPSK	1	1	20.05	20.02	20.00	20.7	0.0
		Channel		648334	650002	651668	Tune-up limit	MPR
		Frequency (MHz)		3725.01	3750	3775.02	(dBm)	(dB)
50	QPSK	1	1	20.01	20.19	20.07	20.7	0.0
		Channel		648002	650002	652002	Tune-up limit	MPR
		Frequency (MHz)		3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	19.98	20.03	19.99	20.7	0.0
		Channel		647668	650002	652334	Tune-up limit	MPR
		Frequency (MHz)		3715.02	3750	3785.01	(dBm)	(dB)
30	QPSK	1	1	19.98	20.06	19.99	20.7	0.0
		Channel		647334	650002	652668	Tune-up limit	MPR
		Frequency (MHz)		3710.01	3750	3790.02	(dBm)	(dB)
20	QPSK	1	1	20.09	20.04	20.13	20.7	0.0
		Channel		647168	650002	652334	Tune-up limit	MPR
		Frequency (MHz)		3707.52	3750	3792.51	(dBm)	(dB)
15	QPSK	1	1	20.09	20.18	20.12	20.7	0.0
		Channel		647002	650002	653002	Tune-up limit	MPR
		Frequency (MHz)		3705	3750	3795	(dBm)	(dB)
10	QPSK	1	1	20.11	20.19	20.01	20.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
		Channel			633334			
		Frequency (MHz)			3500.01			
100	PI/2 BPSK	1	1		16.94			
100	PI/2 BPSK	1	137		17.01		17.7	0.0
100	PI/2 BPSK	1	271		16.94			
100	PI/2 BPSK	135	0		17.10		17.7	0.0
100	PI/2 BPSK	135	69		16.93		17.7	0.0
100	PI/2 BPSK	135	138		17.02		17.7	0.0
100	PI/2 BPSK	270	0		17.13			
100	QPSK	1	1		17.15		17.7	0.0
100	QPSK	1	137		17.06			
100	QPSK	1	271		17.08			
100	QPSK	135	0		16.91		17.7	0.0
100	QPSK	135	69		17.10		17.7	0.0
100	QPSK	135	138		16.90		17.7	0.0
100	QPSK	270	0		16.93			
100	16QAM	1	1		17.01		17.7	0.0
100	64QAM	1	1		16.93		17.7	0.0
100	256QAM	1	1		16.99		17.7	0.0
		Channel		633000	633334	633668	Tune-up limit	MPR
		Frequency (MHz)		3495	3500.01	3505.02	(dBm)	(dB)
90	QPSK	1	1	16.91	17.11	17.02	17.7	0.0
		Channel		632668	633334	634002	Tune-up limit	MPR
		Frequency (MHz)		3490.02	3500.01	3510	(dBm)	(dB)
80	QPSK	1	1	16.92	17.04	16.92	17.7	0.0
		Channel		632334	633334	634334	Tune-up limit	MPR
		Frequency (MHz)		3485.01	3500.01	3515.01	(dBm)	(dB)
70	QPSK	1	1	16.78	16.96	16.98	17.7	0.0
		Channel		632002	633334	634668	Tune-up limit	MPR
		Frequency (MHz)		3480	3500.01	3520.02	(dBm)	(dB)
60	QPSK	1	1	16.86	17.12	16.97	17.7	0.0
		Channel		631668	633334	635002	Tune-up limit	MPR
		Frequency (MHz)		3475.02	3500.01	3525	(dBm)	(dB)
50	QPSK	1	1	16.90	17.12	16.98	17.7	0.0
		Channel		631334	633334	635334	Tune-up limit	MPR
		Frequency (MHz)		3470.01	3500.01	3530.01	(dBm)	(dB)
40	QPSK	1	1	16.88	16.91	16.87	17.7	0.0
		Channel		631002	633334	635668	Tune-up limit	MPR
		Frequency (MHz)		3465	3500.01	3535.02	(dBm)	(dB)
30	QPSK	1	1	16.71	17.09	17.01	17.7	0.0
		Channel		630668	633334	636002	Tune-up limit	MPR
		Frequency (MHz)		3460.02	3500.01	3540	(dBm)	(dB)
20	QPSK	1	1	16.77	16.96	16.81	17.7	0.0
		Channel		630002	633334	636668	Tune-up limit	MPR
		Frequency (MHz)		3457.5	3500.01	3542.52	(dBm)	(dB)
15	QPSK	1	1	16.73	17.05	16.88	17.7	0.0
		Channel		630334	633334	636334	Tune-up limit	MPR
		Frequency (MHz)		3455.01	3500.01	3545.01	(dBm)	(dB)
10	QPSK	1	1	16.70	17.05	16.92	17.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
		Channel			633334			
		Frequency (MHz)			3500.01			
100	PI/2 BPSK	1	1		20.13			
100	PI/2 BPSK	1	137		20.15		20.7	0.0
100	PI/2 BPSK	1	271		19.97			
100	PI/2 BPSK	135	0		19.96		20.7	0.0
100	PI/2 BPSK	135	69		20.01		20.7	0.0
100	PI/2 BPSK	135	138		19.97		20.7	0.0
100	PI/2 BPSK	270	0		20.16			
100	QPSK	1	1		20.18		20.7	0.0
100	QPSK	1	137		20.09			
100	QPSK	1	271		20.00			
100	QPSK	135	0		20.08		20.7	0.0
100	QPSK	135	69		20.13		20.7	0.0
100	QPSK	135	138		20.09		20.7	0.0
100	QPSK	270	0		20.10			
100	16QAM	1	1		20.08		20.7	0.0
100	64QAM	1	1		20.05		20.7	0.0
100	256QAM	1	1		20.09		20.7	0.0
		Channel		633000	633334	633668	Tune-up limit	MPR
		Frequency (MHz)		3495	3500.01	3505.02	(dBm)	(dB)
90	QPSK	1	1	19.98	20.09	20.00	20.7	0.0
		Channel		632668	633334	634002	Tune-up limit	MPR
		Frequency (MHz)		3490.02	3500.01	3510	(dBm)	(dB)
80	QPSK	1	1	19.87	20.08	20.01	20.7	0.0
		Channel		632334	633334	634334	Tune-up limit	MPR
		Frequency (MHz)		3485.01	3500.01	3515.01	(dBm)	(dB)
70	QPSK	1	1	19.88	20.04	19.79	20.7	0.0
		Channel		632002	633334	634668	Tune-up limit	MPR
		Frequency (MHz)		3480	3500.01	3520.02	(dBm)	(dB)
60	QPSK	1	1	19.92	20.08	19.85	20.7	0.0
		Channel		631668	633334	635002	Tune-up limit	MPR
		Frequency (MHz)		3475.02	3500.01	3525	(dBm)	(dB)
50	QPSK	1	1	19.93	19.96	19.89	20.7	0.0
		Channel		631334	633334	635334	Tune-up limit	MPR
		Frequency (MHz)		3470.01	3500.01	3530.01	(dBm)	(dB)
40	QPSK	1	1	19.98	19.92	19.79	20.7	0.0
		Channel		631002	633334	635668	Tune-up limit	MPR
		Frequency (MHz)		3465	3500.01	3535.02	(dBm)	(dB)
30	QPSK	1	1	19.85	20.04	19.83	20.7	0.0
		Channel		630668	633334	636002	Tune-up limit	MPR
		Frequency (MHz)		3460.02	3500.01	3540	(dBm)	(dB)
20	QPSK	1	1	19.91	19.99	20.02	20.7	0.0
		Channel		630002	633334	636668	Tune-up limit	MPR
		Frequency (MHz)		3457.5	3500.01	3542.52	(dBm)	(dB)
15	QPSK	1	1	19.92	19.89	19.91	20.7	0.0
		Channel		630334	633334	636334	Tune-up limit	MPR
		Frequency (MHz)		3455.01	3500.01	3545.01	(dBm)	(dB)
10	QPSK	1	1	19.83	20.03	19.90	20.7	0.0

PC3 Part27O n77 Ant12 DSI 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			650000	656000	662000		
	Frequency (MHz)			3750	3840	3930		
100	PI/2 BPSK	1	1	21.60	21.59	21.36		
100	PI/2 BPSK	1	137	21.62	21.50	21.43	22.7	0.0
100	PI/2 BPSK	1	271	21.48	21.64	21.38		
100	PI/2 BPSK	135	0	21.63	21.64	21.51	22.7	0.0
100	PI/2 BPSK	135	69	21.48	21.61	21.37	22.7	0.0
100	PI/2 BPSK	135	138	21.51	21.68	21.44	22.7	0.0
100	PI/2 BPSK	270	0	21.42	21.62	21.46		
100	QPSK	1	1	21.54	21.70	21.49		
100	QPSK	1	137	21.46	21.57	21.40	22.7	0.0
100	QPSK	1	271	21.62	21.48	21.37		
100	QPSK	135	0	21.47	21.69	21.41	22.7	0.0
100	QPSK	135	69	21.51	21.58	21.53	22.7	0.0
100	QPSK	135	138	21.49	21.53	21.39	22.7	0.0
100	QPSK	270	0	21.47	21.55	21.52	22.7	0.0
100	16QAM	1	1	21.49	21.62	21.52	22.7	0.0
100	64QAM	1	1	21.57	21.61	21.41	22.7	0.0
100	256QAM	1	1	21.47	21.55	21.38	22.7	0.0
	Channel			646668	656000	663334	Tune-up limit	MPR
	Frequency (MHz)			3745.02	3840	3935.01	(dBm)	(dB)
90	QPSK	1	1	21.33	21.65	21.30	22.7	0.0
	Channel			646334	656000	663668	Tune-up limit	MPR
	Frequency (MHz)			3740.01	3840	3940.02	(dBm)	(dB)
80	QPSK	1	1	21.38	21.48	21.37	22.7	0.0
	Channel			646002	656000	663002	Tune-up limit	MPR
	Frequency (MHz)			3735	3840	3945	(dBm)	(dB)
70	QPSK	1	1	21.36	21.62	21.31	22.7	0.0
	Channel			646668	656000	663334	Tune-up limit	MPR
	Frequency (MHz)			3730.02	3840	3950.01	(dBm)	(dB)
60	QPSK	1	1	21.47	21.50	21.32	22.7	0.0
	Channel			646334	656000	663668	Tune-up limit	MPR
	Frequency (MHz)			3725.01	3840	3955.02	(dBm)	(dB)
50	QPSK	1	1	21.54	21.67	21.31	22.7	0.0
	Channel			646002	656000	664002	Tune-up limit	MPR
	Frequency (MHz)			3720	3840	3960	(dBm)	(dB)
40	QPSK	1	1	21.47	21.66	21.41	22.7	0.0
	Channel			647002	656000	664334	Tune-up limit	MPR
	Frequency (MHz)			3715.02	3840	3965.01	(dBm)	(dB)
30	QPSK	1	1	21.33	21.45	21.45	22.7	0.0
	Channel			647334	656000	664668	Tune-up limit	MPR
	Frequency (MHz)			3710.01	3840	3970.02	(dBm)	(dB)
20	QPSK	1	1	21.40	21.45	21.32	22.7	0.0
	Channel			647668	656000	665334	Tune-up limit	MPR
	Frequency (MHz)			3707.52	3840	3972.51	(dBm)	(dB)
15	QPSK	1	1	21.50	21.46	21.40	22.7	0.0
	Channel			647002	656000	665002	Tune-up limit	MPR
	Frequency (MHz)			3705	3840	3975	(dBm)	(dB)
10	QPSK	1	1	21.39	21.51	21.41	22.7	0.0

PC2 Part27O n77 Ant12 DSI 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			650000	656000	662000		
	Frequency (MHz)			3750	3840	3930		
100	PI/2 BPSK	1	1	24.86	24.95	24.82		
100	PI/2 BPSK	1	137	24.89	24.88	24.89	25.7	0.0
100	PI/2 BPSK	1	271	24.84	24.93	24.88		
100	PI/2 BPSK	135	0	24.85	24.99	24.84	25.7	0.0
100	PI/2 BPSK	135	69	25.00	24.89	24.80	25.7	0.0
100	PI/2 BPSK	135	138	24.87	24.85	24.78	25.7	0.0
100	PI/2 BPSK	270	0	24.96	24.94	24.85		
100	QPSK	1	1	24.80	25.05	24.75		
100	QPSK	1	137	24.80	24.99	24.85	25.7	0.0
100	QPSK	1	271	24.88	24.92	24.77		
100	QPSK	135	0	24.83	24.88	24.78	25.7	0.0
100	QPSK	135	69	24.89	24.97	24.80	25.7	0.0
100	QPSK	135	138	24.87	24.95	24.84	25.7	0.0
100	QPSK	270	0	24.85	24.90	24.77		
100	16QAM	1	1	24.98	24.99	24.94	25.7	0.0
100	64QAM	1	1	24.83	25.02	24.86	25.7	0.0
100	256QAM	1	1	23.33	23.50	23.27	24.2	1.5
	Channel			646668	656000	663334	Tune-up limit	MPR
	Frequency (MHz)			3745.02	3840	3935.01	(dBm)	(dB)
90	QPSK	1	1	24.81	24.83	24.66	25.7	0.0
	Channel			646334	656000	663668	Tune-up limit	MPR
	Frequency (MHz)			3740.01	3840	3940.02	(dBm)	(dB)
80	QPSK	1	1	24.62	24.97	24.73	25.7	0.0
	Channel			646002	656000	663002	Tune-up limit	MPR
	Frequency (MHz)			3735	3840	3945	(dBm)	(dB)
70	QPSK	1	1	24.80	24.97	24.64	25.7	0.0
	Channel			646668	656000	663334	Tune-up limit	MPR
	Frequency (MHz)			3730.02	3840	3950.01	(dBm)	(dB)
60	QPSK	1	1	24.80	24.96	24.65	25.7	0.0
	Channel			646334	656000	663668	Tune-up limit	MPR
	Frequency (MHz)			3725.01	3840	3955.02	(dBm)	(dB)
50	QPSK	1	1	24.62	24.95	24.56	25.7	0.0
	Channel			646002	656000	664002	Tune-up limit	MPR
	Frequency (MHz)			3720	3840	3960	(dBm)	(dB)
40	QPSK	1	1	24.72	24.97	24.75	25.7	0.0
	Channel			647002	656000	664334	Tune-up limit	MPR
	Frequency (MHz)			3715.02	3840	3965.01	(dBm)	(dB)
30	QPSK	1	1	24.61	24.83	24.68	25.7	0.0
	Channel			647334	656000	664668	Tune-up limit	MPR
	Frequency (MHz)			3710.01	3840	3970.02	(dBm)	(dB)
20	QPSK	1	1	24.77	24.93	24.66	25.7	0.0
	Channel			647668	656000	665334	Tune-up limit	MPR
	Frequency (MHz)			3707.52	3840	3972.51	(dBm)	(dB)
15	QPSK	1	1	24.74	24.89	24.74	25.7	0.0
	Channel			647002	656000	665002	Tune-up limit	MPR
	Frequency (MHz)			3705	3840	3975	(dBm)	(dB)
10	QPSK	1	1	24.59	24.99	24.74	25.7	0.0

PC3 Part27Q n77 Ant12 DSI 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				633334			
	Frequency (MHz)				3500.01			
100	PI/2 BPSK	1	1		21.38			
100	PI/2 BPSK	1	137		21.32		22.7	0.0
100	PI/2 BPSK	1	271		21.37			
100	PI/2 BPSK	135	0		21.35		22.7	0.0
100	PI/2 BPSK	135	69		21.41		22.7	0.0
100	PI/2 BPSK	135	138		21.29		22.7	0.0
100	PI/2 BPSK	270	0		21.32			
100	QPSK	1	1		21.49			
100	QPSK	1	137		21.33		22.7	0.0
100	QPSK	1	271		21.45			
100	QPSK	135	0		21.38		22.7	0.0
100	QPSK	135	69		21.41		22.7	0.0
100	QPSK	135	138		21.33		22.7	0.0
100	QPSK	270	0		21.37			
100	16QAM	1	1		21.37		22.7	0.0
100	64QAM	1	1		21.46		22.7	0.0
100	256QAM	1	1		21.47		22.7	0.0
	Channel			633000	633334	633668	Tune-up limit	MPR
	Frequency (MHz)			3495	3500.01	3505.02	(dBm)	(dB)
90	QPSK	1	1	21.35	21.34	21.38	22.7	0.0
	Channel			633668	633334	634002	Tune-up limit	MPR
	Frequency (MHz)			3490.02	3500.01	3510	(dBm)	(dB)
80	QPSK	1	1	21.29	21.25	21.35	22.7	0.0
	Channel			633334	633334	634334	Tune-up limit	MPR
	Frequency (MHz)			3485.01	3500.01	3515.01	(dBm)	(dB)
70	QPSK	1	1	21.29	21.24	21.23	22.7	0.0
	Channel			633002	633334	634668	Tune-up limit	MPR
	Frequency (MHz)			3480	3500.01	3520.02	(dBm)	(dB)
60	QPSK	1	1	21.23	21.19	21.18	22.7	0.0
	Channel			633668	633334	635002	Tune-up limit	MPR
	Frequency (MHz)			3475.02	3500.01	3525	(dBm)	(dB)
50	QPSK	1	1	21.16	21.33	21.23	22.7	0.0
	Channel			633334	633334	635334	Tune-up limit	MPR
	Frequency (MHz)			3470.01	3500.01	3530.01	(dBm)	(dB)
40	QPSK	1	1	21.34	21.23	21.17	22.7	0.0
	Channel			633002	633334	635668	Tune-up limit	MPR
	Frequency (MHz)			3465	3500.01	3535.02	(dBm)	(dB)
30	QPSK	1	1	21.24	21.30	21.26	22.7	0.0
	Channel			633668	633334	636002	Tune-up limit	MPR
	Frequency (MHz)			3460.02	3500.01	3540	(dBm)	(dB)
20	QPSK	1	1	21.17	21.34	21.21	22.7	0.0
	Channel			634002	633334	636668	Tune-up limit	MPR
	Frequency (MHz)			3457.5	3500.01	3542.52	(dBm)	(dB)
15	QPSK	1	1	21.28	21.18	21.36	22.7	0.0
	Channel			634334	633334	636334	Tuneup limit	MPR
	Frequency (MHz)			3455.01	3500.01	3545.01	(dBm)	(dB)
10	QPSK	1	1	21.16	21.36	21.28	22.7	0.0

PC2 Part27Q n77 Ant12 DSI 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				633334			
	Frequency (MHz)				3500.01			
100	PI/2 BPSK	1	1		24.38			
100	PI/2 BPSK	1	137		24.37		25.7	0.0
100	PI/2 BPSK	1	271		24.28			
100	PI/2 BPSK	135	0		24.31		25.7	0.0
100	PI/2 BPSK	135	69		24.43		25.7	0.0
100	PI/2 BPSK	135	138		24.29		25.7	0.0
100	PI/2 BPSK	270	0		24.47			
100	QPSK	1	1		24.48			
100	QPSK	1	137		24.29		25.7	0.0
100	QPSK	1	271		24.43			
100	QPSK	135	0		24.33		25.7	0.0
100	QPSK	135	69		24.39		25.7	0.0
100	QPSK	135	138		24.25		25.7	0.0
100	QPSK	270	0		24.27			
100	16QAM	1	1		24.45		25.7	0.0
100	64QAM	1	1		24.37		25.7	0.0
100	256QAM	1	1		22.95		24.2	1.5
	Channel			633000	633334	633668	Tune-up limit	MPR
	Frequency (MHz)			3495	3500.01	3505.02	(dBm)	(dB)
90	QPSK	1	1	24.28	24.47	24.39	25.7	0.0
	Channel			633668	633334	634002	Tune-up limit	MPR
	Frequency (MHz)			3490.02	3500.01	3510	(dBm)	(dB)
80	QPSK	1	1	24.43	24.33	24.22	25.7	0.0
	Channel			633334	633334	634334	Tune-up limit	MPR
	Frequency (MHz)			3485.01	3500.01	3515.01	(dBm)	(dB)
70	QPSK	1	1	24.46	24.32	24.27	25.7	0.0
	Channel			633002	633334	634668	Tune-up limit	MPR
	Frequency (MHz)			3480	3500.01	3520.02	(dBm)	(dB)
60	QPSK	1	1	24.28	24.35	24.33	25.7	0.0
	Channel			633668	633334	635002	Tune-up limit	MPR
	Frequency (MHz)			3475.02	3500.01	3525	(dBm)	(dB)
50	QPSK	1	1	24.26	24.25	24.22	25.7	0.0
	Channel			633334	633334	635334	Tune-up limit	MPR
	Frequency (MHz)			3470.01	3500.01	3530.01	(dBm)	(dB)
40	QPSK	1	1	24.47	24.44	24.22	25.7	0.0
	Channel			633002	633334	635668	Tune-up limit	MPR
	Frequency (MHz)			3465	3500.01	3535.02	(dBm)	(dB)
30	QPSK	1	1	24.40	24.40	24.29	25.7	0.0
	Channel			633668	633334	636002	Tune-up limit	MPR
	Frequency (MHz)			3460.02	3500.01	3540	(dBm)	(dB)
20	QPSK	1	1	24.43	24.44	24.41	25.7	0.0
	Channel			634002	633334	636668	Tune-up limit	MPR
	Frequency (MHz)			3457.5	3500.01	3542.52	(dBm)	(dB)
15	QPSK	1	1	24.37	24.32	24.36	25.7	0.0
	Channel			634334	633334	636334	Tune-up limit	MPR
	Frequency (MHz)			3455.01	3500.01	3545.01	(dBm)	(dB)
10	QPSK	1	1	24.34	24.34	24.40	25.7	0.0

PC3 Part27O n78 Ant12 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
		Channel		650000	650000	650000		
		Frequency (MHz)		3750	3750	3750		
100	PI/2 BPSK	1	1		24.56			
100	PI/2 BPSK	1	137		24.55		25.7	0.0
100	PI/2 BPSK	1	271		24.48			
100	PI/2 BPSK	135	0		24.59		25.7	0.0
100	PI/2 BPSK	135	69		24.57		25.7	0.0
100	PI/2 BPSK	135	138		24.61		25.7	0.0
100	PI/2 BPSK	270	0		24.45			
100	QPSK	1	1		24.65		25.7	0.0
100	QPSK	1	137		24.62			
100	QPSK	1	271		24.62			
100	QPSK	135	0		24.45		25.7	0.0
100	QPSK	135	69		24.61		25.7	0.0
100	QPSK	135	138		24.34		25.7	0.0
100	QPSK	270	0		24.50			
100	16QAM	1	1		24.60		25.7	0.5
100	64QAM	1	1		24.16		25.2	0.5
100	256QAM	1	1		22.18		23.2	2.5
		Channel		649668	650334	650334	Tune-up limit	MPR
		Frequency (MHz)		3745.02	3750	3755.01	(dBm)	(dB)
90	QPSK	1	1	24.35	24.32	24.23	25.7	0.0
		Channel		649334	650002	650668	Tune-up limit	MPR
		Frequency (MHz)		3740.01	3750	3760.02	(dBm)	(dB)
80	QPSK	1	1	24.36	24.32	24.24	25.7	0.0
		Channel		649002	650002	651002	Tune-up limit	MPR
		Frequency (MHz)		3735	3750	3765	(dBm)	(dB)
70	QPSK	1	1	24.31	24.29	24.26	25.7	0.0
		Channel		648668	650002	651334	Tune-up limit	MPR
		Frequency (MHz)		3730.02	3750	3770.01	(dBm)	(dB)
60	QPSK	1	1	24.33	24.31	24.26	25.7	0.0
		Channel		648334	650002	651668	Tune-up limit	MPR
		Frequency (MHz)		3725.01	3750	3775.02	(dBm)	(dB)
50	QPSK	1	1	24.35	24.29	24.27	25.7	0.0
		Channel		648002	650002	652002	Tune-up limit	MPR
		Frequency (MHz)		3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	24.33	24.33	24.26	25.7	0.0
		Channel		647668	650002	652334	Tune-up limit	MPR
		Frequency (MHz)		3715.02	3750	3785.01	(dBm)	(dB)
30	QPSK	1	1	24.36	24.30	24.21	25.7	0.0
		Channel		647334	650002	652668	Tune-up limit	MPR
		Frequency (MHz)		3710.01	3750	3790.02	(dBm)	(dB)
20	QPSK	1	1	24.36	24.31	24.25	25.7	0.0
		Channel		647168	650002	652334	Tune-up limit	MPR
		Frequency (MHz)		3707.52	3750	3792.51	(dBm)	(dB)
15	QPSK	1	1	24.34	24.33	24.24	25.7	0.0
		Channel		647002	650002	653002	Tune-up limit	MPR
		Frequency (MHz)		3705	3750	3795	(dBm)	(dB)
10	QPSK	1	1	24.33	24.33	24.26	25.7	0.0

PC2 Part27O n78 Ant12 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
		Channel		650000	650000	650000		
		Frequency (MHz)		3750	3750	3750		
100	PI/2 BPSK	1	1		26.64			
100	PI/2 BPSK	1	137		26.67		28.5	0.0
100	PI/2 BPSK	1	271		26.70			
100	PI/2 BPSK	135	0		26.69		28.5	0.0
100	PI/2 BPSK	135	69		26.67		28.5	0.0
100	PI/2 BPSK	135	138		26.64		28.5	0.0
100	PI/2 BPSK	270	0		26.70			
100	QPSK	1	1		26.77		28.5	0.0
100	QPSK	1	137		26.69			
100	QPSK	1	271		26.72			
100	QPSK	135	0		26.68		28.5	0.0
100	QPSK	135	69		26.71		28.5	0.0
100	QPSK	135	138		26.65		28.5	0.0
100	QPSK	270	0		26.69			
100	16QAM	1	1		26.64		28.5	0.0
100	64QAM	1	1		25.12		27.0	1.5
100	256QAM	1	1		23.05		25.0	3.5
		Channel		649668	650002	650334	Tune-up limit	MPR
		Frequency (MHz)		3745.02	3750	3755.01	(dBm)	(dB)
90	QPSK	1	1	26.69	26.67	26.65	28.5	0.0
		Channel		649334	650002	650668	Tune-up limit	MPR
		Frequency (MHz)		3740.01	3750	3760.02	(dBm)	(dB)
80	QPSK	1	1	26.70	26.69	26.66	28.5	0.0
		Channel		649002	650002	651002	Tune-up limit	MPR
		Frequency (MHz)		3735	3750	3765	(dBm)	(dB)
70	QPSK	1	1	26.72	26.66	26.63	28.5	0.0
		Channel		648668	650002	651334	Tune-up limit	MPR
		Frequency (MHz)		3730.02	3750	3770.01	(dBm)	(dB)
60	QPSK	1	1	26.69	26.68	26.66	28.5	0.0
		Channel		648334	650002	651668	Tune-up limit	MPR
		Frequency (MHz)		3725.01	3750	3775.02	(dBm)	(dB)
50	QPSK	1	1	26.64	26.70	26.62	28.5	0.0
		Channel		648002	650002	652002	Tune-up limit	MPR
		Frequency (MHz)		3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	26.73	26.70	26.67	28.5	0.0
		Channel		647668	650002	652334	Tune-up limit	MPR
		Frequency (MHz)		3715.02	3750	3785.01	(dBm)	(dB)
30	QPSK	1	1	26.67	26.68	26.74	28.5	0.0
		Channel		647334	650002	652668	Tune-up limit	MPR
		Frequency (MHz)		3710.01	3750	3790.02	(dBm)	(dB)
20	QPSK	1	1	26.76	26.69	26.69	28.5	0.0
		Channel		647168	650002	652334	Tune-up limit	MPR
		Frequency (MHz)		3707.52	3750	3792.51	(dBm)	(dB)
15	QPSK	1	1	26.74	26.75	26.70	28.5	0.0
		Channel		647002	650002	653002	Tune-up limit	MPR
		Frequency (MHz)		3705	3750	3795	(dBm)	(dB)
10	QPSK	1	1	26.71	26.62	26.65	28.5	0.0

PC3 Part27Q n78 Ant12 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
		Channel			633334			
		Frequency (MHz)			3500.01			
100	PI/2 BPSK	1	1		24.37			
100	PI/2 BPSK	1	137		24.49		25.7	0.0
100	PI/2 BPSK	1	271		24.50			
100	PI/2 BPSK	135	0		24.42		25.7	0.0
100	PI/2 BPSK	135	69		24.49		25.7	0.0
100	PI/2 BPSK	135	138		24.44		25.7	0.0
100	PI/2 BPSK	270	0		24.47			
100	QPSK	1	1		24.56		25.7	0.0
100	QPSK	1	137		24.54			
100	QPSK	1	271		24.50			
100	QPSK	135	0		24.38		25.7	0.0
100	QPSK	135	69		24.43		25.7	0.0
100	QPSK	135	138		24.33		25.7	0.0
100	QPSK	270	0		24.45			
100	16QAM	1	1		24.49		25.7	0.0
100	64QAM	1	1		24.11		25.2	0.5
100	256QAM	1	1		22.02		23.2	2.5
		Channel		633000	633334	633668	Tune-up limit	MPR
		Frequency (MHz)		3495	3500.01	3505.02	(dBm)	(dB)
90	QPSK	1	1	24.32	24.32	24.32	25.7	0.0
		Channel		632668	633334	634002	Tune-up limit	MPR
		Frequency (MHz)		3490.02	3500.01	3510	(dBm)	(dB)
80	QPSK	1	1	24.31	24.31	24.32	25.7	0.0
		Channel		632334	633334	634334	Tune-up limit	MPR
		Frequency (MHz)		3485.01	3500.01	3515.01	(dBm)	(dB)
70	QPSK	1	1	24.29	24.35	24.31	25.7	0.0
		Channel		632002	633334	634668	Tune-up limit	MPR
		Frequency (MHz)		3480	3500.01	3520.02	(dBm)	(dB)
60	QPSK	1	1	24.30	24.32	24.32	25.7	0.0
		Channel		631668	633334	635002	Tune-up limit	MPR
		Frequency (MHz)		3475.02	3500.01	3525	(dBm)	(dB)
50	QPSK	1	1	24.28	24.33	24.35	25.7	0.0
		Channel		631334	633334	635334	Tune-up limit	MPR
		Frequency (MHz)		3470.01	3500.01	3530.01	(dBm)	(dB)
40	QPSK	1	1	24.28	24.36	24.34	25.7	0.0
		Channel		631002	633334	635668	Tune-up limit	MPR
		Frequency (MHz)		3465	3500.01	3535.02	(dBm)	(dB)
30	QPSK	1	1	24.31	24.33	24.34	25.7	0.0
		Channel		630668	633334	636002	Tune-up limit	MPR
		Frequency (MHz)		3460.02	3500.01	3540	(dBm)	(dB)
20	QPSK	1	1	24.28	24.34	24.33	25.7	0.0
		Channel		630334	633334	636668	Tune-up limit	MPR
		Frequency (MHz)		3457.5	3500.01	3542.52	(dBm)	(dB)
15	QPSK	1	1	24.28	24.32	24.31	25.7	0.0
		Channel		630334	633334	636334	Tune-up limit	MPR
		Frequency (MHz)		3455.01	3500.01	3545.01	(dBm)	(dB)
10	QPSK	1	1	24.32	24.33	24.36	25.7	0.0

PC2 Part27Q n78 Ant12 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
		Channel			633334			
		Frequency (MHz)			3500.01			
100	PI/2 BPSK	1	1		26.65			
100	PI/2 BPSK	1	137		26.75		28.5	0.0
100	PI/2 BPSK	1	271		26.77			
100	PI/2 BPSK	135	0		26.71		28.5	0.0
100	PI/2 BPSK	135	69		26.78		28.5	0.0
100	PI/2 BPSK	135	138		26.72		28.5	0.0
100	PI/2 BPSK	270	0		26.75			
100	QPSK	1	1		26.83		28.5	0.0
100	QPSK	1	137		26.73			
100	QPSK	1	271		26.68			
100	QPSK	135	0		26.72		28.5	0.0
100	QPSK	135	69		26.75		28.5	0.0
100	QPSK	135	138		26.70		28.5	0.0
100	QPSK	270	0		26.75			
100	16QAM	1	1		26.53		28.5	0.0
100	64QAM	1	1		25.12		27.0	1.5
100	256QAM	1	1		23.13		25.0	3.5
		Channel		633000	633334	633668	Tune-up limit	MPR
		Frequency (MHz)		3495	3500.01	3505.02	(dBm)	(dB)
90	QPSK	1	1	26.82	26.73	26.81	28.5	0.0
		Channel		632668	633334	634002	Tune-up limit	MPR
		Frequency (MHz)		3490.02	3500.01	3510	(dBm)	(dB)
80	QPSK	1	1	26.81	26.70	26.77	28.5	0.0
		Channel		632334	633334	634334	Tune-up limit	MPR
		Frequency (MHz)		3485.01	3500.01	3515.01	(dBm)	(dB)
70	QPSK	1	1	26.76	26.73	26.77	28.5	0.0
		Channel		632002	633334	634668	Tune-up limit	MPR
		Frequency (MHz)		3480	3500.01	3520.02	(dBm)	(dB)
60	QPSK	1	1	26.68	26.78	26.70	28.5	0.0
		Channel		631668	633334	635002	Tune-up limit	MPR
		Frequency (MHz)		3475.02	3500.01	3525	(dBm)	(dB)
50	QPSK	1	1	26.75	26.77	26.75	28.5	0.0
		Channel		631334	633334	635334	Tune-up limit	MPR
		Frequency (MHz)		3470.01	3500.01	3530.01	(dBm)	(dB)
40	QPSK	1	1	26.69	26.70	26.76	28.5	0.0
		Channel		631002	633334	635668	Tune-up limit	MPR
		Frequency (MHz)		3465	3500.01	3535.02	(dBm)	(dB)
30	QPSK	1	1	26.73	26.75	26.69	28.5	0.0
		Channel		630668	633334	636002	Tune-up limit	MPR
		Frequency (MHz)		3460.02	3500.01	3540	(dBm)	(dB)
20	QPSK	1	1	26.71	26.82	26.82	28.5	0.0
		Channel		630002	633334	636668	Tune-up limit	MPR
		Frequency (MHz)		3457.5	3500.01	3542.52	(dBm)	(dB)
15	QPSK	1	1	26.77	26.82	26.80	28.5	0.0
		Channel		630334	633334	636334	Tune-up limit	MPR
		Frequency (MHz)		3455.01	3500.01	3545.01	(dBm)	(dB)
10	QPSK	1	1	26.69	26.71	26.74	28.5	0.0

Reduced Power Mode for DSI3

n5 Ant0 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	23.70	23.84	23.69		
20	PI/2 BPSK	1	53	23.84	23.95	23.78	24.2	0.0
20	PI/2 BPSK	1	104	23.65	23.82	23.79		
20	PI/2 BPSK	50	0	23.71	23.88	23.85	24.2	0.0
20	PI/2 BPSK	50	28	23.84	23.95	23.89	24.2	0.0
20	PI/2 BPSK	50	56	23.75	23.90	23.83	24.2	0.0
20	PI/2 BPSK	100	0	23.87	23.92	23.80		
20	QPSK	1	1	23.90	23.99	23.94		
20	QPSK	1	53	23.73	23.87	23.78	24.2	0.0
20	QPSK	1	104	23.72	23.88	23.78		
20	QPSK	50	0	23.84	23.91	23.90	24.2	0.0
20	QPSK	50	28	23.79	23.95	23.82	24.2	0.0
20	QPSK	50	56	23.83	23.87	23.79	24.2	0.0
20	QPSK	100	0	23.77	23.83	23.75		
20	16QAM	1	1	23.76	23.85	23.75	24.2	0.0
20	64QAM	1	1	22.81	22.92	22.77	23.2	1.0
20	256QAM	1	1	20.79	20.83	20.72	21.2	3.0
Channel				166300	167300	168300	Tune-up limit	MPR
Frequency (MHz)				831.5	836.5	841.5	(dBm)	(dB)
15	QPSK	1	1	23.86	23.86	23.78	24.2	0.0
Channel				165800	167300	168800	Tune-up limit	MPR
Frequency (MHz)				829	836.5	844	(dBm)	(dB)
10	QPSK	1	1	23.80	23.94	23.91	24.2	0.0
Channel				165300	167300	169300	Tune-up limit	MPR
Frequency (MHz)				826.5	836.5	846.5	(dBm)	(dB)
5	QPSK	1	1	23.73	23.89	23.78	24.2	0.0

n7 Ant0 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	20.41	20.46	20.31		
40	PI/2 BPSK	1	108	20.49	20.52	20.41	21.6	0.0
40	PI/2 BPSK	1	214	20.50	20.53	20.51		
40	PI/2 BPSK	108	0	20.38	20.45	20.37	21.6	0.0
40	PI/2 BPSK	108	54	20.42	20.48	20.42	21.6	0.0
40	PI/2 BPSK	108	108	20.31	20.42	20.30	21.6	0.0
40	PI/2 BPSK	216	0	20.30	20.43	20.27		
40	QPSK	1	1	20.40	20.60	20.47		
40	QPSK	1	108	20.26	20.41	20.37	21.6	0.0
40	QPSK	1	214	20.38	20.49	20.45		
40	QPSK	108	0	20.33	20.47	20.40	21.6	0.0
40	QPSK	108	54	20.46	20.56	20.46	21.6	0.0
40	QPSK	108	108	20.39	20.51	20.44	21.6	0.0
40	QPSK	216	0	20.38	20.48	20.40		
40	16QAM	1	1	20.41	20.44	20.35	21.6	0.0
40	64QAM	1	1	20.49	20.51	20.38	21.6	0.0
40	256QAM	1	1	19.52	19.55	19.45	20.6	1.0
Channel				503000	507000	511000	Tune-up limit	MPR
Frequency (MHz)				2515	2535	2555	(dBm)	(dB)
30	QPSK	1	1	20.23	20.46	20.31	21.6	0.0
Channel				502500	507000	511500	Tune-up limit	MPR
Frequency (MHz)				2512.5	2535	2557.5	(dBm)	(dB)
25	QPSK	1	1	20.26	20.49	20.32	21.6	0.0
Channel				502000	507000	512000	Tune-up limit	MPR
Frequency (MHz)				2510	2535	2560	(dBm)	(dB)
20	PI/2 BPSK	1	1	20.24	20.48	20.41	21.6	0.0
Channel				501500	507000	512500	Tune-up limit	MPR
Frequency (MHz)				2507.5	2535	2562.5	(dBm)	(dB)
15	QPSK	1	1	20.38	20.43	20.36	21.6	0.0
Channel				501000	507000	513000	Tune-up limit	MPR
Frequency (MHz)				2505	2535	2565	(dBm)	(dB)
10	QPSK	1	1	20.27	20.47	20.40	21.6	0.0
Channel				500500	507000	513500	Tune-up limit	MPR
Frequency (MHz)				2502.5	2535	2567.5	(dBm)	(dB)
5	QPSK	1	1	20.31	20.44	20.38	21.6	0.0

n66 Ant0 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				340000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	21.30	21.37	21.27		
40	PI/2 BPSK	1	108	21.18	21.31	21.20	22.7	0.0
40	PI/2 BPSK	1	214	21.21	21.34	21.32		
40	PI/2 BPSK	108	0	21.21	21.25	21.09	22.7	0.0
40	PI/2 BPSK	108	54	21.22	21.35	21.23	22.7	0.0
40	PI/2 BPSK	108	108	21.16	21.33	21.18	22.7	0.0
40	PI/2 BPSK	216	0	21.19	21.25	21.13		
40	QPSK	1	1	21.37	21.40	21.25		
40	QPSK	1	108	21.27	21.31	21.19	22.7	0.0
40	QPSK	1	214	21.22	21.32	21.23		
40	QPSK	108	0	21.29	21.32	21.22	22.7	0.0
40	QPSK	108	54	21.21	21.38	21.32	22.7	0.0
40	QPSK	108	108	21.21	21.28	21.14	22.7	0.0
40	QPSK	216	0	21.32	21.34	21.18		
40	16QAM	1	1	21.22	21.27	21.11	22.7	0.0
40	64QAM	1	1	21.10	21.23	21.19	22.7	0.0
40	256QAM	1	1	19.81	19.91	19.83	21.2	1.5
Channel				345000	349000	353000	Tune-up limit	MPR
Frequency (MHz)				1725	1745	1765	(dBm)	(dB)
30	QPSK	1	1	21.35	21.36	21.13	22.7	0.0
Channel				344500	349000	353500	Tune-up limit	MPR
Frequency (MHz)				1722.5	1745	1767.5	(dBm)	(dB)
25	QPSK	1	1	21.32	21.36	21.15	22.7	0.0
Channel				344000	349000	354000	Tune-up limit	MPR
Frequency (MHz)				1720	1745	1770	(dBm)	(dB)
20	QPSK	1	1	21.28	21.27	21.11	22.7	0.0
Channel				343500	349000	354500	Tune-up limit	MPR
Frequency (MHz)				1717.5	1745	1772.5	(dBm)	(dB)
15	QPSK	1	1	21.21	21.35	21.18	22.7	0.0
Channel				343000	349000	355000	Tune-up limit	MPR
Frequency (MHz)				1715	1745	1775	(dBm)	(dB)
10	QPSK	1	1	21.30	21.25	21.11	22.7	0.0
Channel				342500	349000	355500	Tune-up limit	MPR
Frequency (MHz)				1712.5	1745	1777.5	(dBm)	(dB)
5	QPSK	1	1	21.28	21.34	21.18	22.7	0.0

n71 Ant0 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				134000	136100	137600		
Frequency (MHz)				673	680.5	686		
20	PI/2 BPSK	1	1	24.72	24.77	24.73		
20	PI/2 BPSK	1	53	24.66	24.70	24.57	25.7	0.0
20	PI/2 BPSK	1	104	24.50	24.63	24.56		
20	PI/2 BPSK	50	0	24.17	24.25	24.19	25.2	0.5
20	PI/2 BPSK	50	28	24.63	24.65	24.54	25.7	0.0
20	PI/2 BPSK	50	56	24.18	24.22	24.10	25.2	0.5
20	PI/2 BPSK	100	0	24.17	24.27	24.22		
20	QPSK	1	1	24.75	24.81	24.66		
20	QPSK	1	53	24.71	24.76	24.68	25.7	0.0
20	QPSK	1	104	24.52	24.66	24.55		
20	QPSK	50	0	23.77	23.82	23.76	24.7	1.0
20	QPSK	50	28	24.68	24.76	24.72	25.7	0.0
20	QPSK	50	56	23.57	23.66	23.62	24.7	1.0
20	QPSK	100	0	23.70	23.77	23.71		
20	16QAM	1	1	23.80	23.88	23.79	24.7	1.0
20	64QAM	1	1	22.05	22.15	22.14	23.2	2.5
20	256QAM	1	1	20.14	20.20	20.13	21.2	4.5
Channel				134100	136100	138100	Tune-up limit	MPR
Frequency (MHz)				673.5	680.5	687.5	(dBm)	(dB)
15	QPSK	1	1	24.73	24.88	24.64	25.7	0.0
Channel				133600	136100	138600	Tune-up limit	MPR
Frequency (MHz)				668	680.5	693	(dBm)	(dB)
10	QPSK	1	1	24.77	24.82	24.65	25.7	0.0
Channel				133100	136100	139100	Tune-up limit	MPR
Frequency (MHz)				665.5	680.5	695.5	(dBm)	(dB)
5	QPSK	1	1	24.76	24.84	24.68	25.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	19.64	19.72	19.61		
40	PI/2 BPSK	1	53	19.55	19.64	19.49	20.7	0.0
40	PI/2 BPSK	1	104	19.54	19.66	19.49		
40	PI/2 BPSK	50	0	19.54	19.68	19.65	20.7	0.0
40	PI/2 BPSK	50	28	19.67	19.70	19.61	20.7	0.0
40	PI/2 BPSK	50	56	19.64	19.67	19.62		
40	PI/2 BPSK	100	0	19.47	19.59	19.52	20.7	0.0
40	QPSK	1	1	19.64	19.74	19.57		
40	QPSK	1	53	19.52	19.59	19.50	20.7	0.0
40	QPSK	1	104	19.44	19.58	19.45		
40	QPSK	50	0	19.59	19.68	19.57	20.7	0.0
40	QPSK	50	28	19.64	19.72	19.61	20.7	0.0
40	QPSK	50	56	19.57	19.68	19.56		
40	QPSK	100	0	19.55	19.68	19.58	20.7	0.0
40	16QAM	1	1	19.56	19.63	19.55	20.7	0.0
40	64QAM	1	1	19.58	19.71	19.63	20.7	0.0
40	256QAM	1	1	19.19	19.22	19.16	20.2	0.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	19.55	19.64	19.51	20.7	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	19.60	19.63	19.41	20.7	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	19.57	19.64	19.44	20.7	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	19.51	19.70	19.41	20.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	20.42	20.49	20.34		
100	PI/2 BPSK	1	137	20.24	20.41	20.38	21.5	0.0
100	PI/2 BPSK	1	271	20.29	20.42	20.27		
100	PI/2 BPSK	135	0	20.39	20.48	20.43	21.5	0.0
100	PI/2 BPSK	135	69	20.38	20.43	20.36	21.5	0.0
100	PI/2 BPSK	135	138	20.35	20.46	20.39	21.5	0.0
100	PI/2 BPSK	270	0	20.38	20.42	20.39		
100	QPSK	1	1	20.49	20.57	20.47		
100	QPSK	1	137	20.35	20.51	20.48	21.5	0.0
100	QPSK	1	271	20.28	20.43	20.40		
100	QPSK	135	0	20.35	20.46	20.44	21.5	0.0
100	QPSK	135	69	20.47	20.53	20.46	21.5	0.0
100	QPSK	135	138	20.39	20.48	20.33	21.5	0.0
100	QPSK	270	0	20.34	20.51	20.37		
100	16QAM	1	1	20.42	20.46	20.41	21.5	0.0
100	64QAM	1	1	20.26	20.41	20.28	21.5	0.0
100	256QAM	1	1	19.38	19.54	19.49	20.5	1.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	20.35	20.55	20.41	21.5	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	20.33	20.53	20.38	21.5	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	20.43	20.54	20.35	21.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	20.37	20.51	20.40	21.5	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	20.40	20.46	20.35	21.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	20.34	20.42	20.44	21.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	20.39	20.53	20.37	21.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	20.42	20.43	20.39	21.5	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	20.40	20.40	20.30	21.5	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	20.39	20.46	20.41	21.5	0.0

n5 Ant1 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	24.17	24.25	24.21	25.7	0.0
20	PI/2 BPSK	1	53	24.08	24.17	24.02		
20	PI/2 BPSK	1	104	23.99	24.11	24.05		
20	PI/2 BPSK	50	0	23.65	23.68	23.61	25.2	0.5
20	PI/2 BPSK	50	28	24.12	24.26	24.19	25.7	0.0
20	PI/2 BPSK	50	56	23.63	23.62	23.58	25.2	0.5
20	PI/2 BPSK	100	0	23.61	23.74	23.58		
20	QPSK	1	1	24.29	24.33	24.28	25.7	0.0
20	QPSK	1	53	24.16	24.31	24.23		
20	QPSK	1	104	24.01	24.13	23.99		
20	QPSK	50	0	23.03	23.17	23.07	24.7	1.0
20	QPSK	50	28	24.15	24.24	24.18	25.7	0.0
20	QPSK	50	56	22.95	23.07	23.00	24.7	1.0
20	QPSK	100	0	23.09	23.18	23.12		
20	16QAM	1	1	23.05	23.17	23.06	24.7	1.0
20	64QAM	1	1	21.81	21.93	21.93	23.2	2.5
20	256QAM	1	1	19.85	19.94	19.83	21.2	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	24.15	24.25	24.17	25.7	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	24.19	24.15	24.21	25.7	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	24.24	24.23	24.14	25.7	0.0

n71 Ant1 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				134600	136100	137600		
Frequency (MHz)				673	680.5	688		
20	PI/2 BPSK	1	1	24.41	24.46	24.30	25.7	0.0
20	PI/2 BPSK	1	53	24.35	24.44	24.29		
20	PI/2 BPSK	1	104	24.20	24.35	24.28		
20	PI/2 BPSK	50	0	23.80	23.94	23.77	25.2	0.5
20	PI/2 BPSK	50	28	24.38	24.42	24.37	25.7	0.0
20	PI/2 BPSK	50	56	23.77	23.90	23.80	25.2	0.5
20	PI/2 BPSK	100	0	23.86	23.94	23.85		
20	QPSK	1	1	24.38	24.51	24.44	25.7	0.0
20	QPSK	1	53	24.32	24.42	24.38		
20	QPSK	1	104	24.36	24.43	24.41		
20	QPSK	50	0	23.33	23.43	23.32	24.7	1.0
20	QPSK	50	28	24.44	24.49	24.39	25.7	0.0
20	QPSK	50	56	23.35	23.41	23.37	24.7	1.0
20	QPSK	100	0	23.31	23.49	23.36		
20	16QAM	1	1	23.37	23.55	23.45	24.7	1.0
20	64QAM	1	1	21.87	21.97	21.94	23.2	2.5
20	256QAM	1	1	19.95	20.01	19.87	21.2	4.5
Channel				134100	136100	138100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	1	24.35	24.44	24.38	25.7	0.0
Channel				133600	136100	138600	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	680.5	693		
10	QPSK	1	1	24.28	24.36	24.29	25.7	0.0
Channel				133100	136100	139100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	680.5	695.5		
5	QPSK	1	1	24.28	24.48	24.34	25.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	18.52	18.69	18.81		
100	PI/2 BPSK	1	137	18.68	18.72	18.64	20.5	0.0
100	PI/2 BPSK	1	271	18.64	18.67	18.61		
100	PI/2 BPSK	135	0	18.57	18.67	18.52	20.5	0.0
100	PI/2 BPSK	135	69	18.57	18.65	18.52	20.5	0.0
100	PI/2 BPSK	135	138	18.61	18.74	18.64		
100	PI/2 BPSK	270	0	18.61	18.63	18.59	20.5	0.0
100	QPSK	1	1	18.61	18.86	18.74		
100	QPSK	1	137	18.61	18.73	18.57	20.5	0.0
100	QPSK	1	271	18.55	18.67	18.62		
100	QPSK	135	0	18.64	18.69	18.59	20.5	0.0
100	QPSK	135	69	18.56	18.73	18.67	20.5	0.0
100	QPSK	135	138	18.61	18.67	18.51	20.5	0.0
100	QPSK	270	0	18.61	18.69	18.55	20.5	0.0
100	16QAM	1	1	18.58	18.68	18.57	20.5	0.0
100	64QAM	1	1	18.51	18.63	18.57	20.5	0.0
100	256QAM	1	1	18.52	18.61	18.51	20.5	0.0
Channel				648668	656000	663334	Tune-up limit	MPR
Frequency (MHz)				3745.02	3840	3935.01	(dBm)	(dB)
90	QPSK	1	1	18.52	18.68	18.70	20.5	0.0
Channel				648334	656000	663668	Tune-up limit	MPR
Frequency (MHz)				3740.01	3840	3940.02	(dBm)	(dB)
80	QPSK	1	1	18.70	18.65	18.66	20.5	0.0
Channel				648000	656000	664000	Tune-up limit	MPR
Frequency (MHz)				3735	3840	3945	(dBm)	(dB)
70	QPSK	1	1	18.73	18.69	18.68	20.5	0.0
Channel				647668	656000	664334	Tune-up limit	MPR
Frequency (MHz)				3730.02	3840	3950.01	(dBm)	(dB)
60	QPSK	1	1	18.69	18.74	18.71	20.5	0.0
Channel				647334	656000	664668	Tune-up limit	MPR
Frequency (MHz)				3725.01	3840	3955.02	(dBm)	(dB)
50	QPSK	1	1	18.71	18.72	18.70	20.5	0.0
Channel				648000	656000	664000	Tune-up limit	MPR
Frequency (MHz)				3720	3840	3960	(dBm)	(dB)
40	QPSK	1	1	18.71	18.73	18.71	20.5	0.0
Channel				647668	656000	664334	Tune-up limit	MPR
Frequency (MHz)				3715.02	3840	3965.01	(dBm)	(dB)
30	QPSK	1	1	18.53	18.68	18.61	20.5	0.0
Channel				647334	656000	664668	Tune-up limit	MPR
Frequency (MHz)				3710.01	3840	3970.02	(dBm)	(dB)
20	QPSK	1	1	18.58	18.64	18.64	20.5	0.0
Channel				647168	656000	664534	Tune-up limit	MPR
Frequency (MHz)				3707.52	3840	3972.51	(dBm)	(dB)
15	QPSK	1	1	18.75	18.65	18.61	20.5	0.0
Channel				647000	656000	665000	Tune-up limit	MPR
Frequency (MHz)				3705	3840	3975	(dBm)	(dB)
10	QPSK	1	1	18.70	18.72	18.68	20.5	0.0

PC2 Part27O n77 Ant1 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	21.61	21.70	21.54		
100	PI/2 BPSK	1	137	21.57	21.61	21.52	23.5	0.0
100	PI/2 BPSK	1	271	21.52	21.62	21.53		
100	PI/2 BPSK	135	0	21.58	21.61	21.53	23.5	0.0
100	PI/2 BPSK	135	69	21.51	21.65	21.42	23.5	0.0
100	PI/2 BPSK	135	138	21.63	21.69	21.55		
100	PI/2 BPSK	270	0	21.55	21.65	21.60	23.5	0.0
100	QPSK	1	1	21.65	21.73	21.63		
100	QPSK	1	137	21.61	21.66	21.57	23.5	0.0
100	QPSK	1	271	21.61	21.70	21.58		
100	QPSK	135	0	21.58	21.65	21.51	23.5	0.0
100	QPSK	135	69	21.66	21.69	21.59	23.5	0.0
100	QPSK	135	138	21.57	21.63	21.56	23.5	0.0
100	QPSK	270	0	21.55	21.67	21.55		
100	16QAM	1	1	21.53	21.60	21.58	23.5	0.0
100	64QAM	1	1	21.52	21.66	21.57	23.5	0.0
100	256QAM	1	1	20.58	20.61	20.56	22.5	1.0
Channel				648668	656000	663334	Tune-up limit	MPR
Frequency (MHz)				3745.02	3840	3935.01	(dBm)	(dB)
90	QPSK	1	1	21.56	21.71	21.56	23.5	0.0
Channel				648334	656000	663668	Tune-up limit	MPR
Frequency (MHz)				3740.01	3840	3940.02	(dBm)	(dB)
80	QPSK	1	1	21.51	21.64	21.56	23.5	0.0
Channel				648000	656000	664000	Tune-up limit	MPR
Frequency (MHz)				3735	3840	3945	(dBm)	(dB)
70	QPSK	1	1	21.58	21.71	21.58	23.5	0.0
Channel				647668	656000	664334	Tune-up limit	MPR
Frequency (MHz)				3730.02	3840	3950.01	(dBm)	(dB)
60	QPSK	1	1	21.56	21.60	21.58	23.5	0.0
Channel				647334	656000	664668	Tune-up limit	MPR
Frequency (MHz)				3725.01	3840	3955.02	(dBm)	(dB)
50	QPSK	1	1	21.63	21.65	21.61	23.5	0.0
Channel				648000	656000	664000	Tune-up limit	MPR
Frequency (MHz)				3720	3840	3960	(dBm)	(dB)
40	QPSK	1	1	21.59	21.69	21.60	23.5	0.0
Channel				647668	656000	664334	Tune-up limit	MPR
Frequency (MHz)				3715.02	3840	3965.01	(dBm)	(dB)
30	QPSK	1	1	21.56	21.66	21.57	23.5	0.0
Channel				647334	656000	664668	Tune-up limit	MPR
Frequency (MHz)				3710.01	3840	3970.02	(dBm)	(dB)
20	QPSK	1	1	21.60	21.71	21.54	23.5	0.0
Channel				647168	656000	664534	Tune-up limit	MPR
Frequency (MHz)				3707.52	3840	3972.51	(dBm)	(dB)
15	QPSK	1	1	21.59	21.61	21.52	23.5	0.0
Channel				647000	656000	665000	Tune-up limit	MPR
Frequency (MHz)				3705	3840	3975	(dBm)	(dB)
10	QPSK	1	1	21.58	21.71	21.59	23.5	0.0

PC3 Part27Q n77 Ant1 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		18.62			
100	PI/2 BPSK	1	137		18.51		20.5	0.0
100	PI/2 BPSK	1	271		18.55			
100	PI/2 BPSK	135	0		18.53		20.5	0.0
100	PI/2 BPSK	135	69		18.59		20.5	0.0
100	PI/2 BPSK	135	138		18.54		20.5	0.0
100	PI/2 BPSK	270	0		18.54			
100	QPSK	1	1		18.67			
100	QPSK	1	137		18.64		20.5	0.0
100	QPSK	1	271		18.61			
100	QPSK	135	0		18.51		20.5	0.0
100	QPSK	135	69		18.53		20.5	0.0
100	QPSK	135	138		18.51		20.5	0.0
100	QPSK	270	0		18.61			
100	16QAM	1	1		18.54		20.5	0.0
100	64QAM	1	1		18.62		20.5	0.0
100	256QAM	1	1		18.51		20.5	0.0
Channel				633000	633334	633668	Tune-up limit	MPR
Frequency (MHz)				3495	3500.01	3505.02	(dBm)	(dB)
90	QPSK	1	1	18.55	18.54	18.53	20.5	0.0
Channel				632668	633334	634002	Tune-up limit	MPR
Frequency (MHz)				3490.02	3500.01	3510	(dBm)	(dB)
80	QPSK	1	1	18.54	18.55	18.57	20.5	0.0
Channel				632334	633334	634334	Tune-up limit	MPR
Frequency (MHz)				3485.01	3500.01	3515.01	(dBm)	(dB)
70	QPSK	1	1	18.51	18.54	18.53	20.5	0.0
Channel				632000	633334	634668	Tune-up limit	MPR
Frequency (MHz)				3480	3500.01	3520.02	(dBm)	(dB)
60	QPSK	1	1	18.53	18.55	18.55	20.5	0.0
Channel				631668	633334	635002	Tune-up limit	MPR
Frequency (MHz)				3475.02	3500.01	3525	(dBm)	(dB)
50	QPSK	1	1	18.53	18.57	18.55	20.5	0.0
Channel				631334	633334	635334	Tune-up limit	MPR
Frequency (MHz)				3470.01	3500.01	3530.01	(dBm)	(dB)
40	QPSK	1	1	18.51	18.58	18.55	20.5	0.0
Channel				631000	633334	635668	Tune-up limit	MPR
Frequency (MHz)				3465	3500.01	3535.02	(dBm)	(dB)
30	QPSK	1	1	18.54	18.58	18.55	20.5	0.0
Channel				630668	633334	636002	Tune-up limit	MPR
Frequency (MHz)				3460.02	3500.01	3540	(dBm)	(dB)
20	QPSK	1	1	18.55	18.56	18.52	20.5	0.0
Channel				630500	633334	636168	Tune-up limit	MPR
Frequency (MHz)				3457.5	3500.01	3542.52	(dBm)	(dB)
15	QPSK	1	1	18.53	18.54	18.56	20.5	0.0
Channel				630334	633334	636334	Tune-up limit	MPR
Frequency (MHz)				3455.01	3500.01	3545.01	(dBm)	(dB)
10	QPSK	1	1	18.53	18.53	18.52	20.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		21.96			
100	PI/2 BPSK	1	137		21.59		23.5	0.0
100	PI/2 BPSK	1	271		21.53			
100	PI/2 BPSK	135	0		21.51		23.5	0.0
100	PI/2 BPSK	135	69		21.56		23.5	0.0
100	PI/2 BPSK	135	138		21.57		23.5	0.0
100	PI/2 BPSK	270	0		21.58			
100	QPSK	1	1		21.63			
100	QPSK	1	137		21.61		23.5	0.0
100	QPSK	1	271		21.58			
100	QPSK	135	0		21.59		23.5	0.0
100	QPSK	135	69		21.61		23.5	0.0
100	QPSK	135	138		21.53		23.5	0.0
100	QPSK	270	0		21.55			
100	16QAM	1	1		21.58		23.5	0.0
100	64QAM	1	1		21.59		23.5	0.0
100	256QAM	1	1		20.55		22.5	1.0
Channel				633000	633334	633668	Tune-up limit	MPR
Frequency (MHz)				3495	3500.01	3505.02	(dBm)	(dB)
90	QPSK	1	1	21.52	21.51	21.59	23.5	0.0
Channel				632668	633334	634002	Tune-up limit	MPR
Frequency (MHz)				3490.02	3500.01	3510	(dBm)	(dB)
80	QPSK	1	1	21.54	21.52	21.53	23.5	0.0
Channel				632334	633334	634334	Tune-up limit	MPR
Frequency (MHz)				3485.01	3500.01	3515.01	(dBm)	(dB)
70	QPSK	1	1	21.52	21.53	21.51	23.5	0.0
Channel				632000	633334	634668	Tune-up limit	MPR
Frequency (MHz)				3480	3500.01	3520.02	(dBm)	(dB)
60	QPSK	1	1	21.55	21.51	21.57	23.5	0.0
Channel				631668	633334	635002	Tune-up limit	MPR
Frequency (MHz)				3475.02	3500.01	3525	(dBm)	(dB)
50	QPSK	1	1	21.57	21.51	21.54	23.5	0.0
Channel				631334	633334	635334	Tune-up limit	MPR
Frequency (MHz)				3470.01	3500.01	3530.01	(dBm)	(dB)
40	QPSK	1	1	21.57	21.60	21.58	23.5	0.0
Channel				631000	633334	635668	Tune-up limit	MPR
Frequency (MHz)				3465	3500.01	3535.02	(dBm)	(dB)
30	QPSK	1	1	21.51	21.55	21.55	23.5	0.0
Channel				630668	633334	636002	Tune-up limit	MPR
Frequency (MHz)				3460.02	3500.01	3540	(dBm)	(dB)
20	QPSK	1	1	21.54	21.58	21.51	23.5	0.0
Channel				630500	633334	636168	Tune-up limit	MPR
Frequency (MHz)				3457.5	3500.01	3542.52	(dBm)	(dB)
15	QPSK	1	1	21.55	21.57	21.53	23.5	0.0
Channel				630334	633334	636334	Tune-up limit	MPR
Frequency (MHz)				3455.01	3500.01	3545.01	(dBm)	(dB)
10	QPSK	1	1	21.57	21.60	21.52	23.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		20.71			
100	PI/2 BPSK	1	137		20.73		22.5	0.0
100	PI/2 BPSK	1	271		20.63			
100	PI/2 BPSK	135	0		20.74		22.5	0.0
100	PI/2 BPSK	135	69		20.70		22.5	0.0
100	PI/2 BPSK	135	138		20.64		22.5	0.0
100	PI/2 BPSK	270	0		20.68			
100	QPSK	1	1		20.79			
100	QPSK	1	137		20.67		22.5	0.0
100	QPSK	1	271		20.72			
100	QPSK	135	0		20.72		22.5	0.0
100	QPSK	135	69		20.73		22.5	0.0
100	QPSK	135	138		20.70		22.5	0.0
100	QPSK	270	0		20.69			
100	16QAM	1	1		20.69		22.5	0.0
100	64QAM	1	1		20.66		22.5	0.0
100	256QAM	1	1		19.72		21.5	1.0
Channel				649668	650000	650334	Tune-up limit	MPR
Frequency (MHz)				3745.02	3750	3755.01	(dBm)	(dB)
90	QPSK	1	1	20.63	20.68	20.63	22.5	0.0
Channel				649334	650000	650668	Tune-up limit	MPR
Frequency (MHz)				3740.01	3750	3760.02	(dBm)	(dB)
80	QPSK	1	1	20.66	20.76	20.55	22.5	0.0
Channel				649000	650000	651000	Tune-up limit	MPR
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)
70	QPSK	1	1	20.56	20.73	20.70	22.5	0.0
Channel				648668	650000	651334	Tune-up limit	MPR
Frequency (MHz)				3730.02	3750	3770.01	(dBm)	(dB)
60	QPSK	1	1	20.61	20.76	20.61	22.5	0.0
Channel				648334	650000	651668	Tune-up limit	MPR
Frequency (MHz)				3725.01	3750	3775.02	(dBm)	(dB)
50	QPSK	1	1	20.63	20.72	20.56	22.5	0.0
Channel				648000	650000	652000	Tune-up limit	MPR
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	20.66	20.76	20.65	22.5	0.0
Channel				647668	650000	652334	Tune-up limit	MPR
Frequency (MHz)				3715.02	3750	3785.01	(dBm)	(dB)
30	QPSK	1	1	20.56	20.72	20.69	22.5	0.0
Channel				647334	650000	652668	Tune-up limit	MPR
Frequency (MHz)				3710.01	3750	3790.02	(dBm)	(dB)
20	QPSK	1	1	20.65	20.66	20.57	22.5	0.0
Channel				647168	650000	652334	Tune-up limit	MPR
Frequency (MHz)				3707.52	3750	3792.51	(dBm)	(dB)
15	QPSK	1	1	20.62	20.63	20.59	22.5	0.0
Channel				647000	650000	653000	Tune-up limit	MPR
Frequency (MHz)				3705	3750	3795	(dBm)	(dB)
10	QPSK	1	1	20.55	20.62	20.63	22.5	0.0

PC2 Part27O n78 Ant1 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		23.71			
100	PI/2 BPSK	1	137		23.63		25.5	0.0
100	PI/2 BPSK	1	271		23.74			
100	PI/2 BPSK	135	0		23.67		25.5	0.0
100	PI/2 BPSK	135	69		23.66		25.5	0.0
100	PI/2 BPSK	135	138		23.69		25.5	0.0
100	PI/2 BPSK	270	0		23.73			
100	QPSK	1	1		23.78			
100	QPSK	1	137		23.69		25.5	0.0
100	QPSK	1	271		23.74			
100	QPSK	135	0		23.64		25.5	0.0
100	QPSK	135	69		23.69		25.5	0.0
100	QPSK	135	138		23.63		25.5	0.0
100	QPSK	270	0		23.72			
100	16QAM	1	1		23.73		25.5	0.0
100	64QAM	1	1		22.75		24.5	1.0
100	256QAM	1	1		20.79		22.5	3.0
Channel				649668	650000	650334	Tune-up limit	MPR
Frequency (MHz)				3745.02	3750	3755.01	(dBm)	(dB)
90	QPSK	1	1	23.71	23.67	23.55	25.5	0.0
Channel				649334	650000	650668	Tune-up limit	MPR
Frequency (MHz)				3740.01	3750	3760.02	(dBm)	(dB)
80	QPSK	1	1	23.72	23.69	23.63	25.5	0.0
Channel				649000	650000	651000	Tune-up limit	MPR
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)
70	QPSK	1	1	23.58	23.71	23.58	25.5	0.0
Channel				648668	650000	651334	Tune-up limit	MPR
Frequency (MHz)				3730.02	3750	3770.01	(dBm)	(dB)
60	QPSK	1	1	23.61	23.65	23.57	25.5	0.0
Channel				648334	650000	651668	Tune-up limit	MPR
Frequency (MHz)				3725.01	3750	3775.02	(dBm)	(dB)
50	QPSK	1	1	23.72	23.74	23.65	25.5	0.0
Channel				648000	650000	652000	Tune-up limit	MPR
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	23.60	23.62	23.60	25.5	0.0
Channel				647668	650000	652334	Tune-up limit	MPR
Frequency (MHz)				3715.02	3750	3785.01	(dBm)	(dB)
30	QPSK	1	1	23.69	23.68	23.68	25.5	0.0
Channel				647334	650000	652668	Tune-up limit	MPR
Frequency (MHz)				3710.01	3750	3790.02	(dBm)	(dB)
20	QPSK	1	1	23.65	23.72	23.56	25.5	0.0
Channel				647168	650000	652334	Tune-up limit	MPR
Frequency (MHz)				3707.52	3750	3792.51	(dBm)	(dB)
15	QPSK	1	1	23.65	23.62	23.65	25.5	0.0
Channel				647000	650000	653000	Tune-up limit	MPR
Frequency (MHz)				3705	3750	3795	(dBm)	(dB)
10	QPSK	1	1	23.60	23.76	23.66	25.5	0.0

PC3 Part27Q n78 Ant1 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3600.01			
100	PI/2 BPSK	1	1		20.65			
100	PI/2 BPSK	1	137		20.51		22.5	0.0
100	PI/2 BPSK	1	271		20.53			
100	PI/2 BPSK	135	0		20.55		22.5	0.0
100	PI/2 BPSK	135	69		20.64		22.5	0.0
100	PI/2 BPSK	135	138		20.57		22.5	0.0
100	PI/2 BPSK	270	0		20.60			
100	QPSK	1	1		20.67			
100	QPSK	1	137		20.64		22.5	0.0
100	QPSK	1	271		20.54			
100	QPSK	135	0		20.56		22.5	0.0
100	QPSK	135	69		20.59		22.5	0.0
100	QPSK	135	138		20.55		22.5	0.0
100	QPSK	270	0		20.58			
100	16QAM	1	1		20.51		22.5	0.0
100	64QAM	1	1		20.56		22.5	0.0
100	256QAM	1	1		19.51		21.5	1.0
Channel				633000	633334	633668	Tune-up limit	MPR
Frequency (MHz)				3495	3500.01	3505.02	(dBm)	(dB)
90	QPSK	1	1	20.52	20.57	20.57	22.5	0.0
Channel				632668	633334	634002	Tune-up limit	MPR
Frequency (MHz)				3490.02	3500.01	3510	(dBm)	(dB)
80	QPSK	1	1	20.51	20.55	20.53	22.5	0.0
Channel				632334	633334	634334	Tune-up limit	MPR
Frequency (MHz)				3485.01	3500.01	3515.01	(dBm)	(dB)
70	QPSK	1	1	20.54	20.53	20.52	22.5	0.0
Channel				632000	633334	634668	Tune-up limit	MPR
Frequency (MHz)				3480	3500.01	3520.02	(dBm)	(dB)
60	QPSK	1	1	20.53	20.56	20.56	22.5	0.0
Channel				631668	633334	635002	Tune-up limit	MPR
Frequency (MHz)				3475.02	3500.01	3525	(dBm)	(dB)
50	QPSK	1	1	20.53	20.57	20.55	22.5	0.0
Channel				631334	633334	635334	Tune-up limit	MPR
Frequency (MHz)				3470.01	3500.01	3530.01	(dBm)	(dB)
40	QPSK	1	1	20.51	20.58	20.55	22.5	0.0
Channel				631000	633334	635668	Tune-up limit	MPR
Frequency (MHz)				3465	3500.01	3535.02	(dBm)	(dB)
30	QPSK	1	1	20.55	20.52	20.57	22.5	0.0
Channel				630668	633334	636002	Tune-up limit	MPR
Frequency (MHz)				3460.02	3500.01	3540	(dBm)	(dB)
20	QPSK	1	1	20.52	20.53	20.56	22.5	0.0
Channel				630334	633334	636168	Tune-up limit	MPR
Frequency (MHz)				3457.5	3500.01	3542.52	(dBm)	(dB)
15	QPSK	1	1	20.55	20.56	20.53	22.5	0.0
Channel				630334	633334	636334	Tune-up limit	MPR
Frequency (MHz)				3455.01	3500.01	3545.01	(dBm)	(dB)
10	QPSK	1	1	20.54	20.55	20.52	22.5	0.0

PC2 Part27Q n78 Ant1 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3600.01			
100	PI/2 BPSK	1	1		23.63			
100	PI/2 BPSK	1	137		23.60		25.5	0.0
100	PI/2 BPSK	1	271		23.55			
100	PI/2 BPSK	135	0		23.63		25.5	0.0
100	PI/2 BPSK	135	69		23.59		25.5	0.0
100	PI/2 BPSK	135	138		23.54		25.5	0.0
100	PI/2 BPSK	270	0		23.51			
100	QPSK	1	1		23.66			
100	QPSK	1	137		23.57		25.5	0.0
100	QPSK	1	271		23.63			
100	QPSK	135	0		23.59		25.5	0.0
100	QPSK	135	69		23.63		25.5	0.0
100	QPSK	135	138		23.58		25.5	0.0
100	QPSK	270	0		23.55			
100	16QAM	1	1		23.62		25.5	0.0
100	64QAM	1	1		22.59		24.5	1.0
100	256QAM	1	1		20.61		22.5	3.0
Channel				633000	633334	633668	Tune-up limit	MPR
Frequency (MHz)				3495	3500.01	3505.02	(dBm)	(dB)
90	QPSK	1	1	23.57	23.60	23.51	25.5	0.0
Channel				632668	633334	634002	Tune-up limit	MPR
Frequency (MHz)				3490.02	3500.01	3510	(dBm)	(dB)
80	QPSK	1	1	23.57	23.58	23.53	25.5	0.0
Channel				632334	633334	634334	Tune-up limit	MPR
Frequency (MHz)				3485.01	3500.01	3515.01	(dBm)	(dB)
70	QPSK	1	1	23.56	23.51	23.55	25.5	0.0
Channel				632000	633334	634668	Tune-up limit	MPR
Frequency (MHz)				3480	3500.01	3520.02	(dBm)	(dB)
60	QPSK	1	1	23.51	23.62	23.53	25.5	0.0
Channel				631668	633334	635002	Tune-up limit	MPR
Frequency (MHz)				3475.02	3500.01	3525	(dBm)	(dB)
50	QPSK	1	1	23.53	23.59	23.52	25.5	0.0
Channel				631334	633334	635334	Tune-up limit	MPR
Frequency (MHz)				3470.01	3500.01	3530.01	(dBm)	(dB)
40	QPSK	1	1	23.60	23.59	23.56	25.5	0.0
Channel				631000	633334	635668	Tune-up limit	MPR
Frequency (MHz)				3465	3500.01	3535.02	(dBm)	(dB)
30	QPSK	1	1	23.59	23.63	23.58	25.5	0.0
Channel				630668	633334	636002	Tune-up limit	MPR
Frequency (MHz)				3460.02	3500.01	3540	(dBm)	(dB)
20	QPSK	1	1	23.60	23.59	23.58	25.5	0.0
Channel				630334	633334	636168	Tune-up limit	MPR
Frequency (MHz)				3457.5	3500.01	3542.52	(dBm)	(dB)
15	QPSK	1	1	23.57	23.56	23.55	25.5	0.0
Channel				630334	633334	636334	Tune-up limit	MPR
Frequency (MHz)				3455.01	3500.01	3545.01	(dBm)	(dB)
10	QPSK	1	1	23.54	23.61	23.56	25.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	18.66	18.70	18.65		
40	PI/2 BPSK	1	108	18.63	18.65	18.63	19.2	0.0
40	PI/2 BPSK	1	214	18.69	18.73	18.64		
40	PI/2 BPSK	108	0	18.55	18.66	18.59	19.2	0.0
40	PI/2 BPSK	108	54	18.73	18.75	18.67	19.2	0.0
40	PI/2 BPSK	108	108	18.60	18.73	18.62	19.2	0.0
40	PI/2 BPSK	216	0	18.68	18.75	18.63		
40	QPSK	1	1	18.75	18.82	18.71		
40	QPSK	1	108	18.62	18.70	18.57	19.2	0.0
40	QPSK	1	214	18.72	18.75	18.71		
40	QPSK	108	0	18.59	18.64	18.60	19.2	0.0
40	QPSK	108	54	18.70	18.77	18.65	19.2	0.0
40	QPSK	108	108	18.72	18.75	18.72	19.2	0.0
40	QPSK	216	0	18.65	18.79	18.76		
40	16QAM	1	1	18.69	18.76	18.72	19.2	0.0
40	64QAM	1	1	18.52	18.67	18.63	19.2	0.0
40	256QAM	1	1	18.51	18.63	18.59	19.2	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	18.65	18.74	18.75	19.2	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	18.59	18.77	18.75	19.2	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	18.67	18.79	18.77	19.2	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	18.72	18.75	18.64	19.2	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	18.67	18.73	18.74	19.2	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	18.65	18.68	18.69	19.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	22.23	22.30	22.13		
40	PI/2 BPSK	1	108	22.15	22.26	22.19	22.7	0.0
40	PI/2 BPSK	1	214	22.25	22.33	22.24		
40	PI/2 BPSK	108	0	22.13	22.24	22.11	22.7	0.0
40	PI/2 BPSK	108	54	22.18	22.21	22.11	22.7	0.0
40	PI/2 BPSK	108	108	22.19	22.23	22.18	22.7	0.0
40	PI/2 BPSK	216	0	22.09	22.20	22.05		
40	QPSK	1	1	22.31	22.35	22.25		
40	QPSK	1	108	22.13	22.25	22.08	22.7	0.0
40	QPSK	1	214	22.25	22.31	22.17		
40	QPSK	108	0	22.23	22.28	22.12	22.7	0.0
40	QPSK	108	54	22.15	22.30	22.13	22.7	0.0
40	QPSK	108	108	22.13	22.19	22.15	22.7	0.0
40	QPSK	216	0	22.19	22.28	22.18		
40	16QAM	1	1	22.29	22.31	22.15	22.7	0.0
40	64QAM	1	1	22.17	22.20	22.05	22.7	0.0
40	256QAM	1	1	20.75	20.84	20.69	21.2	1.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	22.18	22.20	22.18	22.7	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	22.19	22.28	22.11	22.7	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	22.19	22.20	22.08	22.7	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	22.29	22.22	22.14	22.7	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	22.15	22.32	22.09	22.7	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	22.22	22.18	22.10	22.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	17.64	17.72	17.66		
40	PI/2 BPSK	1	53	17.52	17.69	17.67	18.2	0.0
40	PI/2 BPSK	1	104	17.71	17.79	17.69		
40	PI/2 BPSK	50	0	17.53	17.62	17.49	18.2	0.0
40	PI/2 BPSK	50	28	17.52	17.68	17.52	18.2	0.0
40	PI/2 BPSK	50	56	17.60	17.66	17.62	18.2	0.0
40	PI/2 BPSK	100	0	17.56	17.68	17.53		
40	QPSK	1	1	17.74	17.81	17.71		
40	QPSK	1	53	17.64	17.77	17.72	18.2	0.0
40	QPSK	1	104	17.58	17.70	17.59		
40	QPSK	50	0	17.65	17.70	17.66	18.2	0.0
40	QPSK	50	28	17.60	17.73	17.66	18.2	0.0
40	QPSK	50	56	17.59	17.64	17.51	18.2	0.0
40	QPSK	100	0	17.64	17.73	17.64		
40	16QAM	1	1	17.61	17.75	17.65	18.2	0.0
40	64QAM	1	1	17.65	17.67	17.56	18.2	0.0
40	256QAM	1	1	17.55	17.61	17.52	18.2	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	17.63	17.71	17.65	18.2	0.0
Channel				516900	519000	521099	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	17.62	17.65	17.59	18.2	0.0
Channel				515902	519000	522198	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	17.59	17.71	17.64	18.2	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	17.62	17.72	17.69	18.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	18.85	18.91	18.81		
100	PI/2 BPSK	1	137	18.76	18.92	18.82	19.2	0.0
100	PI/2 BPSK	1	271	18.81	18.96	18.83		
100	PI/2 BPSK	135	0	18.88	19.04	18.98	19.2	0.0
100	PI/2 BPSK	135	69	18.85	18.94	18.91	19.2	0.0
100	PI/2 BPSK	135	138	18.77	18.90	18.80	19.2	0.0
100	PI/2 BPSK	270	0	18.97	19.01	18.92		
100	QPSK	1	1	18.94	19.06	18.90		
100	QPSK	1	137	18.98	19.02	18.99	19.2	0.0
100	QPSK	1	271	18.92	18.95	18.87		
100	QPSK	135	0	18.83	18.90	18.74	19.2	0.0
100	QPSK	135	69	18.89	18.95	18.93	19.2	0.0
100	QPSK	135	138	18.88	18.91	18.77	19.2	0.0
100	QPSK	270	0	18.94	18.97	18.84		
100	16QAM	1	1	18.86	18.95	18.87	19.2	0.0
100	64QAM	1	1	18.76	18.92	18.78	19.2	0.0
100	256QAM	1	1	18.77	18.88	18.80	19.2	0.0
Channel				506202	518598	530994	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	18.83	18.89	18.76	19.2	0.0
Channel				505214	518598	531982	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	18.82	18.93	18.81	19.2	0.0
Channel				504222	518598	532974	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	18.79	18.99	18.74	19.2	0.0
Channel				504230	518598	532966	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	18.87	18.95	18.81	19.2	0.0
Channel				504234	518598	532962	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	18.89	19.03	18.88	19.2	0.0
Channel				504312	518598	532884	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	18.83	18.97	18.83	19.2	0.0
Channel				504320	518598	532876	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	18.89	18.91	18.75	19.2	0.0
Channel				504324	518598	532872	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	18.77	18.91	18.81	19.2	0.0
Channel				504720	518598	532476	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	18.87	18.94	18.88	19.2	0.0
Channel				504312	518598	532884	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	18.87	18.94	18.87	19.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
				650000	656000	662000		
	Frequency (MHz)			3750	3840	3930		
100	PI/2 BPSK	1	1	18.48	18.53	18.36		
100	PI/2 BPSK	1	137	18.44	18.49	18.34	20.0	0.0
100	PI/2 BPSK	1	271	18.35	18.50	18.41		
100	PI/2 BPSK	135	0	18.36	18.43	18.32	20.0	0.0
100	PI/2 BPSK	135	69	18.32	18.48	18.41	20.0	0.0
100	PI/2 BPSK	135	138	18.28	18.42	18.30	20.0	0.0
100	PI/2 BPSK	270	0	18.29	18.46	18.39		
100	QPSK	1	1	18.41	18.59	18.52		
100	QPSK	1	137	18.37	18.51	18.40	20.0	0.0
100	QPSK	1	271	18.42	18.46	18.33		
100	QPSK	135	0	18.47	18.51	18.47	20.0	0.0
100	QPSK	135	69	18.43	18.54	18.46	20.0	0.0
100	QPSK	135	138	18.31	18.43	18.35	20.0	0.0
100	QPSK	270	0	18.43	18.55	18.43	20.0	0.0
100	16QAM	1	1	18.46	18.52	18.50	20.0	0.0
100	64QAM	1	1	18.43	18.47	18.41	20.0	0.0
100	256QAM	1	1	18.30	18.41	18.35	20.0	0.0
	Channel			648018	656000	663234	Tune-up limit	MPR
	Frequency (MHz)			3745.02	3840	3935.01	(dBm)	(dB)
90	QPSK	1	1	18.35	18.44	18.48	20.0	0.0
	Channel			648234	656000	663668	Tune-up limit	MPR
	Frequency (MHz)			3740.01	3840	3940.02	(dBm)	(dB)
80	QPSK	1	1	18.30	18.50	18.45	20.0	0.0
	Channel			649000	656000	663000	Tune-up limit	MPR
	Frequency (MHz)			3735	3840	3945	(dBm)	(dB)
70	QPSK	1	1	18.37	18.47	18.36	20.0	0.0
	Channel			649018	656000	663234	Tune-up limit	MPR
	Frequency (MHz)			3730.02	3840	3950.01	(dBm)	(dB)
60	QPSK	1	1	18.27	18.54	18.40	20.0	0.0
	Channel			649234	656000	663668	Tune-up limit	MPR
	Frequency (MHz)			3725.01	3840	3955.02	(dBm)	(dB)
50	QPSK	1	1	18.28	18.53	18.46	20.0	0.0
	Channel			649000	656000	664000	Tune-up limit	MPR
	Frequency (MHz)			3720	3840	3960	(dBm)	(dB)
40	QPSK	1	1	18.26	18.48	18.42	20.0	0.0
	Channel			649018	656000	664234	Tune-up limit	MPR
	Frequency (MHz)			3715.02	3840	3965.01	(dBm)	(dB)
30	QPSK	1	1	18.30	18.48	18.38	20.0	0.0
	Channel			649234	656000	664668	Tune-up limit	MPR
	Frequency (MHz)			3710.01	3840	3970.02	(dBm)	(dB)
20	QPSK	1	1	18.28	18.53	18.50	20.0	0.0
	Channel			649118	656000	664134	Tune-up limit	MPR
	Frequency (MHz)			3707.52	3840	3972.51	(dBm)	(dB)
15	QPSK	1	1	18.33	18.54	18.44	20.0	0.0
	Channel			647000	656000	665000	Tune-up limit	MPR
	Frequency (MHz)			3705	3840	3975	(dBm)	(dB)
10	QPSK	1	1	18.26	18.52	18.47	20.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
				650000	656000	662000		
	Frequency (MHz)			3750	3840	3930		
100	PI/2 BPSK	1	1	21.42	21.49	21.37		
100	PI/2 BPSK	1	137	21.39	21.44	21.28	23.0	0.0
100	PI/2 BPSK	1	271	21.37	21.40	21.25		
100	PI/2 BPSK	135	0	21.22	21.37	21.29	23.0	0.0
100	PI/2 BPSK	135	69	21.37	21.40	21.36	23.0	0.0
100	PI/2 BPSK	135	138	21.39	21.43	21.31	23.0	0.0
100	PI/2 BPSK	270	0	21.30	21.46	21.29		
100	QPSK	1	1	21.47	21.54	21.48		
100	QPSK	1	137	21.32	21.42	21.28	23.0	0.0
100	QPSK	1	271	21.39	21.51	21.43		
100	QPSK	135	0	21.41	21.44	21.32	23.0	0.0
100	QPSK	135	69	21.42	21.47	21.35	23.0	0.0
100	QPSK	135	138	21.36	21.43	21.37	23.0	0.0
100	QPSK	270	0	21.26	21.38	21.25	23.0	0.0
100	16QAM	1	1	21.44	21.59	21.35	23.0	0.0
100	64QAM	1	1	21.35	21.45	21.34	23.0	0.0
100	256QAM	1	1	20.23	20.39	20.30	22.0	1.0
	Channel			648018	656000	663234	Tune-up limit	MPR
	Frequency (MHz)			3745.02	3840	3935.01	(dBm)	(dB)
90	QPSK	1	1	21.32	21.37	21.36	23.0	0.0
	Channel			648234	656000	663668	Tune-up limit	MPR
	Frequency (MHz)			3740.01	3840	3940.02	(dBm)	(dB)
80	QPSK	1	1	21.41	21.43	21.38	23.0	0.0
	Channel			649000	656000	663000	Tune-up limit	MPR
	Frequency (MHz)			3735	3840	3945	(dBm)	(dB)
70	QPSK	1	1	21.37	21.50	21.44	23.0	0.0
	Channel			649018	656000	663234	Tune-up limit	MPR
	Frequency (MHz)			3730.02	3840	3950.01	(dBm)	(dB)
60	QPSK	1	1	21.32	21.43	21.44	23.0	0.0
	Channel			649234	656000	663668	Tune-up limit	MPR
	Frequency (MHz)			3725.01	3840	3955.02	(dBm)	(dB)
50	QPSK	1	1	21.36	21.44	21.41	23.0	0.0
	Channel			649000	656000	664000	Tune-up limit	MPR
	Frequency (MHz)			3720	3840	3960	(dBm)	(dB)
40	QPSK	1	1	21.44	21.42	21.42	23.0	0.0
	Channel			647018	656000	664234	Tune-up limit	MPR
	Frequency (MHz)			3715.02	3840	3965.01	(dBm)	(dB)
30	QPSK	1	1	21.40	21.45	21.41	23.0	0.0
	Channel			647234	656000	664668	Tune-up limit	MPR
	Frequency (MHz)			3710.01	3840	3970.02	(dBm)	(dB)
20	QPSK	1	1	21.33	21.51	21.38	23.0	0.0
	Channel			647118	656000	664134	Tune-up limit	MPR
	Frequency (MHz)			3707.52	3840	3972.51	(dBm)	(dB)
15	QPSK	1	1	21.39	21.40	21.42	23.0	0.0
	Channel			647000	656000	665000	Tune-up limit	MPR
	Frequency (MHz)			3705	3840	3975	(dBm)	(dB)
10	QPSK	1	1	21.44	21.48	21.34	23.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
					633334			
	Frequency (MHz)				3500.01			
100	PI/2 BPSK	1	1		18.38			
100	PI/2 BPSK	1	137		18.30		20.0	0.0
100	PI/2 BPSK	1	271		18.33			
100	PI/2 BPSK	135	0		18.31		20.0	0.0
100	PI/2 BPSK	135	69		18.38		20.0	0.0
100	PI/2 BPSK	135	138		18.32		20.0	0.0
100	PI/2 BPSK	270	0		18.38			
100	QPSK	1	1		18.43			
100	QPSK	1	137		18.38		20.0	0.0
100	QPSK	1	271		18.32			
100	QPSK	135	0		18.35		20.0	0.0
100	QPSK	135	69		18.36		20.0	0.0
100	QPSK	135	138		18.29		20.0	0.0
100	QPSK	270	0		18.31		20.0	0.0
100	16QAM	1	1		18.37		20.0	0.0
100	64QAM	1	1		18.28		20.0	0.0
100	256QAM	1	1		18.25		20.0	0.0
	Channel				633000	633018	633668	Tune-up limit	MPR
	Frequency (MHz)				3495	3500.01	3505.02	(dBm)	(dB)
90	QPSK	1	1		18.32	18.29	18.32	20.0	0.0
	Channel				633018	633234	633668	Tune-up limit	MPR
	Frequency (MHz)				3490.02	3500.01	3510	(dBm)	(dB)
80	QPSK	1	1		18.28	18.30	18.21	20.0	0.0
	Channel				633234	633234	633234	Tunes-up limit	MPR
	Frequency (MHz)				3485.01	3500.01	3515.01	(dBm)	(dB)
70	QPSK	1	1		18.25	18.38	18.24	20.0	0.0
	Channel				633000	633234	633668	Tune-up limit	MPR
	Frequency (MHz)				3480	3500.01	3520.02	(dBm)	(dB)
60	QPSK	1	1		18.28	18.31	18.24	20.0	0.0
	Channel				633668	633234	633668	Tunes-up limit	MPR
	Frequency (MHz)				3475.02	3500.01	3525	(dBm)	(dB)
50	QPSK	1	1		18.37	18.38	18.25	20.0	0.0
	Channel				633234	633234	633234	Tunes-up limit	MPR
	Frequency (MHz)				3470.01	3500.01	3530.01	(dBm)	(dB)
40	QPSK	1	1		18.32	18.30	18.25	20.0	0.0
	Channel				633000	633234	633668	Tunes-up limit	MPR
	Frequency (MHz)				3465	3500.01	3535.02	(dBm)	(dB)
30	QPSK	1	1		18.25	18.33	18.22	20.0	0.0
	Channel				633018	633234	633668	Tunes-up limit	MPR
	Frequency (MHz)				3460.02	3500.01	3540	(dBm)	(dB)
20	QPSK	1	1		18.29	18.33	18.24	20.0	0.0
	Channel				633018	633234	633668	Tunes-up limit	MPR
	Frequency (MHz)				3457.5	3500.01	3542.52	(dBm)	(dB)
15	QPSK	1	1		18.26	18.30	18.34	20.0	0.0
	Channel				633234	633334	633334	Tunes-up limit	MPR
	Frequency (MHz)				3455.01	3500.01	3545.01	(dBm)	(dB)
10	QPSK	1	1		18.37	18.27	18.25	20.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
					633334			
	Frequency (MHz)				3500.01			
100	PI/2 BPSK	1	1		21.34			
100	PI/2 BPSK	1	137		21.24		23.0	0.0
100	PI/2 BPSK	1	271		21.31			
100	PI/2 BPSK	135	0		21.24		23.0	0.0
100	PI/2 BPSK	135	69		21.35		23.0	0.0
100	PI/2 BPSK	135	138		21.22		23.0	0.0
100	PI/2 BPSK	270	0		21.35			
100	QPSK	1	1		21.39			
100	QPSK	1	137		21.25		23.0	0.0
100	QPSK	1	271		21.29			
100	QPSK	135	0		21.27		23.0	0.0
100	QPSK	135	69		21.29		23.0	0.0
100	QPSK	135	138		21.23		23.0	0.0
100	QPSK	270	0		21.35		23.0	0.0
100	16QAM	1	1		21.31		23.0	0.0
100	64QAM	1	1		21.33		23.0	0.0
100	256QAM	1	1		20.24		22.0	1.0
	Channel				633000	633018	633668	Tune-up limit	MPR
	Frequency (MHz)				3495	3500.01	3505.02	(dBm)	(dB)
90	QPSK	1	1		21.17	21.25	21.27	23.0	0.0
	Channel				633018	633234	633668	Tune-up limit	MPR
	Frequency (MHz)				3490.02	3500.01	3510	(dBm)	(dB)
80	QPSK	1	1		21.19	21.31	21.32	23.0	0.0
	Channel				633234	633234	633234	Tune-up limit	MPR
	Frequency (MHz)				3485.01	3500.01	3515.01	(dBm)	(dB)
70	QPSK	1	1		21.14	21.24	21.21	23.0	0.0
	Channel				633000	633234	633668	Tune-up limit	MPR
	Frequency (MHz)				3480	3500.01	3520.02	(dBm)	(dB)
60	QPSK	1	1		21.18	21.25	21.18	23.0	0.0
	Channel				633668	633234	633668	Tune-up limit	MPR
	Frequency (MHz)				3475.02	3500.01	3525	(dBm)	(dB)
50	QPSK	1	1		21.22	21.36	21.21	23.0	0.0
	Channel				633234	633234	633234	Tune-up limit	MPR
	Frequency (MHz)				3470.01	3500.01	3530.01	(dBm)	(dB)
40	QPSK	1	1		21.20	21.32	21.28	23.0	0.0
	Channel				633000	633234	633668	Tune-up limit	MPR
	Frequency (MHz)				3465	3500.01	3535.02	(dBm)	(dB)
30	QPSK	1	1		21.15	21.35	21.23	23.0	0.0
	Channel				633018	633234	633668	Tune-up limit	MPR
	Frequency (MHz)				3460.02	3500.01	3540	(dBm)	(dB)
20	QPSK	1	1		21.24	21.34	21.17	23.0	0.0
	Channel				633018	633234	633668	Tune-up limit	MPR
	Frequency (MHz)				3457.5	3500.01	3542.52	(dBm)	(dB)
15	QPSK	1	1		21.23	21.26	21.24	23.0	0.0
	Channel				633334	633334	633334	Tune-up limit	MPR
	Frequency (MHz)				3455.01	3500.01	3545.01	(dBm)	(dB)
10	QPSK	1	1		21.26	21.28	21.31	23.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
		Channel		650000	650000	650000		
		Frequency (MHz)		3750	3750	3750		
100	PI/2 BPSK	1	1		17.87			
100	PI/2 BPSK	1	137		17.91		19.5	0.0
100	PI/2 BPSK	1	271		17.78			
100	PI/2 BPSK	135	0		17.83		19.5	0.0
100	PI/2 BPSK	135	69		17.80		19.5	0.0
100	PI/2 BPSK	135	138		17.91		19.5	0.0
100	PI/2 BPSK	270	0		17.89			
100	QPSK	1	1		17.95		19.5	0.0
100	QPSK	1	137		17.90			
100	QPSK	1	271		17.88			
100	QPSK	135	0		17.80		19.5	0.0
100	QPSK	135	69		17.88		19.5	0.0
100	QPSK	135	138		17.78		19.5	0.0
100	QPSK	270	0		17.82		19.5	0.0
100	16QAM	1	1		17.85		19.5	0.0
100	64QAM	1	1		17.82		19.5	0.0
100	256QAM	1	1		17.74		19.5	0.0
		Channel		649668	650034	650334	Tune-up limit	MPR
		Frequency (MHz)		3745.02	3750	3755.01	(dBm)	(dB)
90	QPSK	1	1	17.77	17.80	17.83	19.5	0.0
		Channel		649334	650002	650668	Tune-up limit	MPR
		Frequency (MHz)		3740.01	3750	3760.02	(dBm)	(dB)
80	QPSK	1	1	17.86	17.86	17.83	19.5	0.0
		Channel		649002	650002	651002	Tune-up limit	MPR
		Frequency (MHz)		3735	3750	3765	(dBm)	(dB)
70	QPSK	1	1	17.76	17.79	17.77	19.5	0.0
		Channel		648668	650002	651334	Tune-up limit	MPR
		Frequency (MHz)		3730.02	3750	3770.01	(dBm)	(dB)
60	QPSK	1	1	17.89	17.85	17.88	19.5	0.0
		Channel		649334	650002	651668	Tune-up limit	MPR
		Frequency (MHz)		3725.01	3750	3775.02	(dBm)	(dB)
50	QPSK	1	1	17.91	17.90	17.77	19.5	0.0
		Channel		649002	650002	652002	Tune-up limit	MPR
		Frequency (MHz)		3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	17.87	17.86	17.73	19.5	0.0
		Channel		647668	650002	652334	Tune-up limit	MPR
		Frequency (MHz)		3715.02	3750	3785.01	(dBm)	(dB)
30	QPSK	1	1	17.87	17.80	17.74	19.5	0.0
		Channel		647334	650002	652668	Tune-up limit	MPR
		Frequency (MHz)		3710.01	3750	3790.02	(dBm)	(dB)
20	QPSK	1	1	17.87	17.88	17.81	19.5	0.0
		Channel		647168	650002	652334	Tune-up limit	MPR
		Frequency (MHz)		3707.52	3750	3792.51	(dBm)	(dB)
15	QPSK	1	1	17.89	17.89	17.79	19.5	0.0
		Channel		647002	650002	653002	Tune-up limit	MPR
		Frequency (MHz)		3705	3750	3795	(dBm)	(dB)
10	QPSK	1	1	17.78	17.85	17.73	19.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
		Channel		650000	650000	650000		
		Frequency (MHz)		3750	3750	3750		
100	PI/2 BPSK	1	1		20.87			
100	PI/2 BPSK	1	137		20.75		22.5	0.0
100	PI/2 BPSK	1	271		20.80			
100	PI/2 BPSK	135	0		20.87		22.5	0.0
100	PI/2 BPSK	135	69		20.76		22.5	0.0
100	PI/2 BPSK	135	138		20.78		22.5	0.0
100	PI/2 BPSK	270	0		20.84			
100	QPSK	1	1		20.89		22.5	0.0
100	QPSK	1	137		20.80			
100	QPSK	1	271		20.87			
100	QPSK	135	0		20.84		22.5	0.0
100	QPSK	135	69		20.86		22.5	0.0
100	QPSK	135	138		20.74		22.5	0.0
100	QPSK	270	0		20.79		22.5	0.0
100	16QAM	1	1		20.72		22.5	0.0
100	64QAM	1	1		20.75		22.5	0.0
100	256QAM	1	1		20.21		22.0	0.5
		Channel		649668	650002	650334	Tune-up limit	MPR
		Frequency (MHz)		3745.02	3750	3755.01	(dBm)	(dB)
90	QPSK	1	1	20.70	20.77	20.71	22.5	0.0
		Channel		649334	650002	650668	Tune-up limit	MPR
		Frequency (MHz)		3740.01	3750	3760.02	(dBm)	(dB)
80	QPSK	1	1	20.77	20.81	20.76	22.5	0.0
		Channel		649002	650002	651002	Tune-up limit	MPR
		Frequency (MHz)		3735	3750	3765	(dBm)	(dB)
70	QPSK	1	1	20.73	20.76	20.75	22.5	0.0
		Channel		648668	650002	651334	Tune-up limit	MPR
		Frequency (MHz)		3730.02	3750	3770.01	(dBm)	(dB)
60	QPSK	1	1	20.70	20.86	20.80	22.5	0.0
		Channel		649334	650002	651668	Tune-up limit	MPR
		Frequency (MHz)		3725.01	3750	3775.02	(dBm)	(dB)
50	QPSK	1	1	20.67	20.78	20.75	22.5	0.0
		Channel		649002	650002	652002	Tune-up limit	MPR
		Frequency (MHz)		3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	20.67	20.83	20.69	22.5	0.0
		Channel		647668	650002	652334	Tune-up limit	MPR
		Frequency (MHz)		3715.02	3750	3785.01	(dBm)	(dB)
30	QPSK	1	1	20.76	20.77	20.76	22.5	0.0
		Channel		647334	650002	652668	Tune-up limit	MPR
		Frequency (MHz)		3710.01	3750	3790.02	(dBm)	(dB)
20	QPSK	1	1	20.77	20.73	20.70	22.5	0.0
		Channel		647168	650002	652334	Tune-up limit	MPR
		Frequency (MHz)		3707.52	3750	3792.51	(dBm)	(dB)
15	QPSK	1	1	20.80	20.72	20.79	22.5	0.0
		Channel		647002	650002	653002	Tune-up limit	MPR
		Frequency (MHz)		3705	3750	3795	(dBm)	(dB)
10	QPSK	1	1	20.68	20.76	20.73	22.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
		Channel			633334			
		Frequency (MHz)			3500.01			
100	PI/2 BPSK	1	1		17.82			
100	PI/2 BPSK	1	137		17.83		19.5	0.0
100	PI/2 BPSK	1	271		17.71			
100	PI/2 BPSK	135	0		17.86		19.5	0.0
100	PI/2 BPSK	135	69		17.76		19.5	0.0
100	PI/2 BPSK	135	138		17.84		19.5	0.0
100	PI/2 BPSK	270	0		17.81			
100	QPSK	1	1		17.88		19.5	0.0
100	QPSK	1	137		17.75			
100	QPSK	1	271		17.74			
100	QPSK	135	0		17.80		19.5	0.0
100	QPSK	135	69		17.83		19.5	0.0
100	QPSK	135	138		17.72		19.5	0.0
100	QPSK	270	0		17.78		19.5	0.0
100	16QAM	1	1		17.74		19.5	0.0
100	64QAM	1	1		17.72		19.5	0.0
100	256QAM	1	1		17.67		19.5	0.0
		Channel		633000	633334	633668	Tune-up limit	MPR
		Frequency (MHz)		3495	3500.01	3505.02	(dBm)	(dB)
90	QPSK	1	1	17.59	17.73	17.69	19.5	0.0
		Channel		632968	633334	634000	Tune-up limit	MPR
		Frequency (MHz)		3490.02	3500.01	3510	(dBm)	(dB)
80	QPSK	1	1	17.69	17.79	17.70	19.5	0.0
		Channel		632634	633334	634034	Tune-up limit	MPR
		Frequency (MHz)		3485.01	3500.01	3515.01	(dBm)	(dB)
70	QPSK	1	1	17.68	17.76	17.75	19.5	0.0
		Channel		632300	633334	634368	Tune-up limit	MPR
		Frequency (MHz)		3480	3500.01	3520.02	(dBm)	(dB)
60	QPSK	1	1	17.60	17.76	17.72	19.5	0.0
		Channel		631968	633334	634700	Tune-up limit	MPR
		Frequency (MHz)		3475.02	3500.01	3525	(dBm)	(dB)
50	QPSK	1	1	17.62	17.85	17.71	19.5	0.0
		Channel		631634	633334	635034	Tune-up limit	MPR
		Frequency (MHz)		3470.01	3500.01	3530.01	(dBm)	(dB)
40	QPSK	1	1	17.62	17.84	17.74	19.5	0.0
		Channel		631300	633334	635368	Tune-up limit	MPR
		Frequency (MHz)		3465	3500.01	3535.02	(dBm)	(dB)
30	QPSK	1	1	17.59	17.81	17.69	19.5	0.0
		Channel		630968	633334	635700	Tune-up limit	MPR
		Frequency (MHz)		3460.02	3500.01	3540	(dBm)	(dB)
20	QPSK	1	1	17.64	17.71	17.80	19.5	0.0
		Channel		630634	633334	636034	Tune-up limit	MPR
		Frequency (MHz)		3457.5	3500.01	3542.52	(dBm)	(dB)
15	QPSK	1	1	17.60	17.77	17.72	19.5	0.0
		Channel		630334	633334	636334	Tune-up limit	MPR
		Frequency (MHz)		3455.01	3500.01	3545.01	(dBm)	(dB)
10	QPSK	1	1	17.59	17.72	17.72	19.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
		Channel			633334			
		Frequency (MHz)			3500.01			
100	PI/2 BPSK	1	1		20.77			
100	PI/2 BPSK	1	137		20.76		22.5	0.0
100	PI/2 BPSK	1	271		20.64			
100	PI/2 BPSK	135	0		20.71		22.5	0.0
100	PI/2 BPSK	135	69		20.73		22.5	0.0
100	PI/2 BPSK	135	138		20.65		22.5	0.0
100	PI/2 BPSK	270	0		20.75			
100	QPSK	1	1		20.82		22.5	0.0
100	QPSK	1	137		20.69			
100	QPSK	1	271		20.66			
100	QPSK	135	0		20.66		22.5	0.0
100	QPSK	135	69		20.72		22.5	0.0
100	QPSK	135	138		20.71		22.5	0.0
100	QPSK	270	0		20.67		22.5	0.0
100	16QAM	1	1		20.77		22.5	0.0
100	64QAM	1	1		20.72		22.5	0.0
100	256QAM	1	1		20.28		22.0	0.5
		Channel		633000	633334	633668	Tune-up limit	MPR
		Frequency (MHz)		3495	3500.01	3505.02	(dBm)	(dB)
90	QPSK	1	1	20.63	20.70	20.65	22.5	0.0
		Channel		632968	633334	634000	Tune-up limit	MPR
		Frequency (MHz)		3490.02	3500.01	3510	(dBm)	(dB)
80	QPSK	1	1	20.76	20.74	20.72	22.5	0.0
		Channel		632634	633334	634034	Tune-up limit	MPR
		Frequency (MHz)		3485.01	3500.01	3515.01	(dBm)	(dB)
70	QPSK	1	1	20.71	20.75	20.66	22.5	0.0
		Channel		632300	633334	634368	Tune-up limit	MPR
		Frequency (MHz)		3480	3500.01	3520.02	(dBm)	(dB)
60	QPSK	1	1	20.64	20.73	20.67	22.5	0.0
		Channel		631968	633334	634700	Tune-up limit	MPR
		Frequency (MHz)		3475.02	3500.01	3525	(dBm)	(dB)
50	QPSK	1	1	20.74	20.77	20.71	22.5	0.0
		Channel		631634	633334	635034	Tune-up limit	MPR
		Frequency (MHz)		3470.01	3500.01	3530.01	(dBm)	(dB)
40	QPSK	1	1	20.67	20.72	20.68	22.5	0.0
		Channel		631300	633334	635368	Tune-up limit	MPR
		Frequency (MHz)		3465	3500.01	3535.02	(dBm)	(dB)
30	QPSK	1	1	20.63	20.72	20.68	22.5	0.0
		Channel		630968	633334	635700	Tune-up limit	MPR
		Frequency (MHz)		3460.02	3500.01	3540	(dBm)	(dB)
20	QPSK	1	1	20.62	20.72	20.67	22.5	0.0
		Channel		630702	633334	636168	Tune-up limit	MPR
		Frequency (MHz)		3457.5	3500.01	3542.52	(dBm)	(dB)
15	QPSK	1	1	20.71	20.79	20.61	22.5	0.0
		Channel		630334	633334	636334	Tune-up limit	MPR
		Frequency (MHz)		3455.01	3500.01	3545.01	(dBm)	(dB)
10	QPSK	1	1	20.64	20.70	20.67	22.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	19.09	19.20	19.12	19.7	0.0
40	PI/2 BPSK	1	108	19.00	19.13	18.97		
40	PI/2 BPSK	1	214	19.14	19.25	19.23		
40	PI/2 BPSK	108	0	19.21	19.28	19.16	19.7	0.0
40	PI/2 BPSK	108	54	19.10	19.20	19.03	19.7	0.0
40	PI/2 BPSK	108	108	19.11	19.25	19.09	19.7	0.0
40	PI/2 BPSK	216	0	19.11	19.14	19.09		
40	QPSK	1	1	19.23	19.30	19.14	19.7	0.0
40	QPSK	1	108	19.00	19.16	19.10		
40	QPSK	1	214	19.04	19.17	19.12		
40	QPSK	108	0	19.19	19.21	19.18	19.7	0.0
40	QPSK	108	54	19.12	19.26	19.11	19.7	0.0
40	QPSK	108	108	19.06	19.23	19.20	19.7	0.0
40	QPSK	216	0	19.07	19.20	19.05		
40	16QAM	1	1	19.12	19.24	19.18	19.7	0.0
40	64QAM	1	1	19.07	19.21	19.14	19.7	0.0
40	256QAM	1	1	19.06	19.14	19.11	19.7	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	19.16	19.18	19.02	19.7	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	19.14	19.21	19.01	19.7	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	19.08	19.14	19.09	19.7	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	19.21	19.20	19.02	19.7	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	19.08	19.26	19.02	19.7	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	19.14	19.23	18.98	19.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	21.10	21.21	21.05	21.7	0.0
40	PI/2 BPSK	1	108	21.09	21.17	21.01		
40	PI/2 BPSK	1	214	21.03	21.18	21.08		
40	PI/2 BPSK	108	0	21.08	21.19	21.11	21.7	0.0
40	PI/2 BPSK	108	54	20.94	21.09	21.04	21.7	0.0
40	PI/2 BPSK	108	108	21.05	21.09	21.01	21.7	0.0
40	PI/2 BPSK	216	0	21.09	21.19	21.10		
40	QPSK	1	1	21.13	21.24	21.16	21.7	0.0
40	QPSK	1	108	21.09	21.17	21.02		
40	QPSK	1	214	21.08	21.12	21.08		
40	QPSK	108	0	20.95	21.11	21.08	21.7	0.0
40	QPSK	108	54	21.07	21.16	21.13	21.7	0.0
40	QPSK	108	108	20.92	21.08	20.93	21.7	0.0
40	QPSK	216	0	21.05	21.13	21.06		
40	16QAM	1	1	21.10	21.13	20.98	21.7	0.0
40	64QAM	1	1	21.05	21.15	21.09	21.7	0.0
40	256QAM	1	1	20.57	20.70	20.65	21.2	0.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	21.02	21.21	21.03	21.7	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	20.96	21.15	21.04	21.7	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	21.06	21.19	21.00	21.7	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	21.02	21.18	21.00	21.7	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	21.01	21.22	21.01	21.7	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	21.04	21.20	20.99	21.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	18.44	18.55	18.50	19.2	0.0
40	PI/2 BPSK	1	53	18.30	18.46	18.32		
40	PI/2 BPSK	1	104	18.49	18.53	18.41		
40	PI/2 BPSK	50	0	18.41	18.48	18.36	19.2	0.0
40	PI/2 BPSK	50	28	18.42	18.45	18.33	19.2	0.0
40	PI/2 BPSK	50	56	18.39	18.47	18.40		
40	PI/2 BPSK	100	0	18.46	18.58	18.44	19.2	0.0
40	QPSK	1	1	18.48	18.61	18.49		
40	QPSK	1	53	18.45	18.48	18.35	19.2	0.0
40	QPSK	1	104	18.39	18.49	18.47		
40	QPSK	50	0	18.35	18.52	18.41	19.2	0.0
40	QPSK	50	28	18.41	18.57	18.43	19.2	0.0
40	QPSK	50	56	18.38	18.45	18.36		
40	QPSK	100	0	18.38	18.52	18.46	19.2	0.0
40	16QAM	1	1	18.42	18.50	18.37	19.2	0.0
40	64QAM	1	1	18.39	18.48	18.41	19.2	0.0
40	256QAM	1	1	18.33	18.42	18.25	19.2	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	18.46	18.51	18.40	19.2	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	18.41	18.50	18.35	19.2	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	18.34	18.48	18.35	19.2	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	18.38	18.50	18.42	19.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	18.88	19.04	18.93	19.7	0.0
100	PI/2 BPSK	1	137	18.98	19.02	18.87		
100	PI/2 BPSK	1	271	18.95	19.10	18.97		
100	PI/2 BPSK	135	0	18.90	19.05	18.98	19.7	0.0
100	PI/2 BPSK	135	69	18.97	19.00	18.89	19.7	0.0
100	PI/2 BPSK	135	138	18.88	19.01	18.94		
100	PI/2 BPSK	270	0	18.91	19.03	18.91	19.7	0.0
100	QPSK	1	1	19.06	19.13	19.11		
100	QPSK	1	137	18.96	19.02	18.94	19.7	0.0
100	QPSK	1	271	18.94	19.07	18.99		
100	QPSK	135	0	18.86	19.01	18.93	19.7	0.0
100	QPSK	135	69	18.88	19.03	18.93	19.7	0.0
100	QPSK	135	138	18.93	18.97	18.82		
100	QPSK	270	0	18.83	18.99	18.93	19.7	0.0
100	16QAM	1	1	18.97	19.01	18.89	19.7	0.0
100	64QAM	1	1	18.89	18.98	18.89	19.7	0.0
100	256QAM	1	1	18.78	18.92	18.80	19.7	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	18.98	19.04	19.05	19.7	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	19.04	19.00	19.03	19.7	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	18.99	19.07	19.03	19.7	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	18.97	18.98	19.05	19.7	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	19.02	19.00	19.07	19.7	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	18.93	19.11	18.94	19.7	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	18.99	19.06	19.06	19.7	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	18.97	18.97	18.95	19.7	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	19.00	19.03	18.96	19.7	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	18.96	19.10	19.01	19.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	20.63	20.78	20.68		
40	PI/2 BPSK	1	108	20.63	20.82	20.70	21.7	0.0
40	PI/2 BPSK	1	214	20.65	20.79	20.70		
40	PI/2 BPSK	108	0	20.63	20.80	20.67	21.7	0.0
40	PI/2 BPSK	108	54	20.65	20.80	20.67	21.7	0.0
40	PI/2 BPSK	108	108	20.65	20.79	20.70	21.7	0.0
40	PI/2 BPSK	216	0	20.63	20.81	20.66		
40	QPSK	1	1	20.72	20.89	20.76		
40	QPSK	1	108	20.62	20.79	20.71	21.7	0.0
40	QPSK	1	214	20.66	20.80	20.67		
40	QPSK	108	0	20.65	20.79	20.66	21.7	0.0
40	QPSK	108	54	20.63	20.84	20.70	21.7	0.0
40	QPSK	108	108	20.65	20.78	20.68	21.7	0.0
40	QPSK	216	0	20.66	20.79	20.70		
40	16QAM	1	1	20.62	20.82	20.65	21.7	0.0
40	64QAM	1	1	20.62	20.82	20.68	21.7	0.0
40	256QAM	1	1	20.18	20.48	20.33	21.2	0.5
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	20.63	20.79	20.66	21.7	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	20.61	20.82	20.67	21.7	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	20.62	20.76	20.68	21.7	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	20.60	20.76	20.64	21.7	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	20.61	20.82	20.69	21.7	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	20.60	20.80	20.64	21.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	19.87	20.01	19.96		
40	PI/2 BPSK	1	108	19.94	19.99	19.89	20.7	0.0
40	PI/2 BPSK	1	214	19.72	19.99	19.82		
40	PI/2 BPSK	108	0	19.92	19.98	19.93	20.7	0.0
40	PI/2 BPSK	108	54	19.89	19.96	19.95	20.7	0.0
40	PI/2 BPSK	108	108	19.81	19.98	19.83	20.7	0.0
40	PI/2 BPSK	216	0	19.78	20.04	19.86		
40	QPSK	1	1	20.02	20.10	20.06		
40	QPSK	1	108	20.02	20.08	20.01	20.7	0.0
40	QPSK	1	214	19.86	20.01	19.92		
40	QPSK	108	0	19.91	19.96	19.92	20.7	0.0
40	QPSK	108	54	19.93	20.03	19.87	20.7	0.0
40	QPSK	108	108	19.77	19.97	19.81	20.7	0.0
40	QPSK	216	0	19.92	20.01	19.96		
40	16QAM	1	1	19.94	19.96	19.87	20.7	0.0
40	64QAM	1	1	19.80	19.98	19.83	20.7	0.0
40	256QAM	1	1	19.94	19.98	19.89	20.7	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	19.87	19.97	19.93	20.7	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	19.95	19.98	19.87	20.7	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	19.93	20.02	19.88	20.7	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	19.89	19.98	19.92	20.7	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	19.92	20.00	19.94	20.7	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	19.88	20.03	19.92	20.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	20.06	20.25	20.20		
40	PI/2 BPSK	1	53	20.06	20.08	20.18	21.2	0.0
40	PI/2 BPSK	1	104	20.01	20.28	20.03		
40	PI/2 BPSK	50	0	20.14	20.22	20.26	21.2	0.0
40	PI/2 BPSK	50	28	20.10	20.06	20.22	21.2	0.0
40	PI/2 BPSK	50	56	20.05	20.26	20.10	21.2	0.0
40	PI/2 BPSK	100	0	19.99	20.24	20.07		
40	QPSK	1	1	20.20	20.34	20.31		
40	QPSK	1	53	20.18	20.21	20.29	21.2	0.0
40	QPSK	1	104	20.11	20.33	20.16		
40	QPSK	50	0	20.14	20.21	20.14	21.2	0.0
40	QPSK	50	28	20.11	20.26	20.20	21.2	0.0
40	QPSK	50	56	20.05	20.06	20.10	21.2	0.0
40	QPSK	100	0	20.08	20.21	20.15		
40	16QAM	1	1	20.07	20.15	20.23	21.2	0.0
40	64QAM	1	1	20.00	20.24	20.07	21.2	0.0
40	256QAM	1	1	19.96	20.28	20.07	21.2	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	20.10	20.11	20.18	21.2	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	20.03	20.08	20.16	21.2	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	20.07	20.10	20.15	21.2	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	20.08	20.06	20.22	21.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	19.98	20.22	20.15		
100	PI/2 BPSK	1	137	20.02	20.01	20.13	21.2	0.0
100	PI/2 BPSK	1	271	19.97	20.25	19.99		
100	PI/2 BPSK	135	0	20.10	20.15	20.21	21.2	0.0
100	PI/2 BPSK	135	69	20.06	20.01	20.15	21.2	0.0
100	PI/2 BPSK	135	138	19.99	20.21	20.04	21.2	0.0
100	PI/2 BPSK	270	0	19.96	20.21	20.05		
100	QPSK	1	1	20.17	20.32	20.26		
100	QPSK	1	137	20.11	20.13	20.26	21.2	0.0
100	QPSK	1	271	20.06	20.31	20.10		
100	QPSK	135	0	20.08	20.17	20.07	21.2	0.0
100	QPSK	135	69	20.09	20.22	20.12	21.2	0.0
100	QPSK	135	138	20.00	20.03	20.04	21.2	0.0
100	QPSK	270	0	20.06	20.14	20.07		
100	16QAM	1	1	20.01	20.07	20.21	21.2	0.0
100	64QAM	1	1	19.94	20.13	20.03	21.2	0.0
100	256QAM	1	1	19.92	20.05	20.02	21.2	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	20.05	20.22	20.16	21.2	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	20.06	20.24	20.18	21.2	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	20.09	20.23	20.14	21.2	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	20.04	20.20	20.17	21.2	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	20.09	20.20	20.13	21.2	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	20.07	20.24	20.18	21.2	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	20.05	20.25	20.14	21.2	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	20.05	20.24	20.18	21.2	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	20.07	20.22	20.18	21.2	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	20.08	20.25	20.14	21.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel			650000	656000	662000		
	Frequency (MHz)			3750	3840	3930		
100	PI/2 BPSK	1	1	19.72	19.88	19.80		
100	PI/2 BPSK	1	137	19.63	19.87	19.79	20.7	0.0
100	PI/2 BPSK	1	271	19.64	19.93	19.86		
100	PI/2 BPSK	135	0	19.74	19.92	19.73	20.7	0.0
100	PI/2 BPSK	135	69	19.70	19.89	19.76	20.7	0.0
100	PI/2 BPSK	135	138	19.70	19.89	19.83	20.7	0.0
100	PI/2 BPSK	270	0	19.71	19.98	19.84		
100	QPSK	1	1	19.80	20.01	19.88		
100	QPSK	1	137	19.64	19.89	19.72	20.7	0.0
100	QPSK	1	271	19.71	19.83	19.75		
100	QPSK	135	0	19.77	19.91	19.80	20.7	0.0
100	QPSK	135	69	19.66	19.92	19.83	20.7	0.0
100	QPSK	135	138	19.64	19.87	19.73	20.7	0.0
100	QPSK	270	0	19.66	19.85	19.80		
100	16QAM	1	1	19.75	19.94	19.78	20.7	0.0
100	64QAM	1	1	19.71	19.92	19.81	20.7	0.0
100	256QAM	1	1	19.75	19.93	19.76	20.7	0.0
	Channel			649668	656000	662334	Tune-up limit	MPR
	Frequency (MHz)			3745.02	3840	3935.01	(dBm)	(dB)
90	QPSK	1	1	19.48	19.76	19.64	20.7	0.0
	Channel			649334	656000	662668	Tune-up limit	MPR
	Frequency (MHz)			3740.01	3840	3940.02	(dBm)	(dB)
80	QPSK	1	1	19.60	19.93	19.55	20.7	0.0
	Channel			649002	656000	663002	Tune-up limit	MPR
	Frequency (MHz)			3735	3840	3945	(dBm)	(dB)
70	QPSK	1	1	19.52	19.93	19.63	20.7	0.0
	Channel			648668	656000	663334	Tune-up limit	MPR
	Frequency (MHz)			3730.02	3840	3950.01	(dBm)	(dB)
60	QPSK	1	1	19.51	19.80	19.72	20.7	0.0
	Channel			648334	656000	663668	Tune-up limit	MPR
	Frequency (MHz)			3725.01	3840	3955.02	(dBm)	(dB)
50	QPSK	1	1	19.49	19.83	19.67	20.7	0.0
	Channel			648002	656000	664002	Tune-up limit	MPR
	Frequency (MHz)			3720	3840	3960	(dBm)	(dB)
40	QPSK	1	1	19.46	19.93	19.63	20.7	0.0
	Channel			647668	656000	664334	Tune-up limit	MPR
	Frequency (MHz)			3715.02	3840	3965.01	(dBm)	(dB)
30	QPSK	1	1	19.47	19.89	19.55	20.7	0.0
	Channel			647334	656000	664668	Tune-up limit	MPR
	Frequency (MHz)			3710.01	3840	3970.02	(dBm)	(dB)
20	QPSK	1	1	19.52	19.88	19.66	20.7	0.0
	Channel			647102	656000	664934	Tune-up limit	MPR
	Frequency (MHz)			3707.52	3840	3972.51	(dBm)	(dB)
15	QPSK	1	1	19.49	19.93	19.61	20.7	0.0
	Channel			647002	656000	665002	Tune-up limit	MPR
	Frequency (MHz)			3705	3840	3975	(dBm)	(dB)
10	QPSK	1	1	19.55	19.74	19.68	20.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel			650000	656000	662000		
	Frequency (MHz)			3750	3840	3930		
100	PI/2 BPSK	1	1	22.78	22.97	22.77		
100	PI/2 BPSK	1	137	22.77	22.87	22.74	23.7	0.0
100	PI/2 BPSK	1	271	22.89	22.95	22.78		
100	PI/2 BPSK	135	0	22.79	22.97	22.84	23.7	0.0
100	PI/2 BPSK	135	69	22.86	22.85	22.84	23.7	0.0
100	PI/2 BPSK	135	138	22.91	22.97	22.71	23.7	0.0
100	PI/2 BPSK	270	0	22.82	22.90	22.73		
100	QPSK	1	1	22.94	23.00	22.88		
100	QPSK	1	137	22.87	22.83	22.79	23.7	0.0
100	QPSK	1	271	22.82	22.94	22.78		
100	QPSK	135	0	22.81	22.84	22.75	23.7	0.0
100	QPSK	135	69	22.78	22.87	22.76	23.7	0.0
100	QPSK	135	138	22.71	22.86	22.85	23.7	0.0
100	QPSK	270	0	22.83	22.86	22.76		
100	16QAM	1	1	22.84	22.99	22.75	23.7	0.0
100	64QAM	1	1	22.86	22.88	22.75	23.7	0.0
100	256QAM	1	1	22.80	22.81	22.57	23.7	0.0
	Channel			649668	656000	662334	Tune-up limit	MPR
	Frequency (MHz)			3745.02	3840	3935.01	(dBm)	(dB)
90	QPSK	1	1	22.80	22.80	22.64	23.7	0.0
	Channel			649334	656000	662668	Tune-up limit	MPR
	Frequency (MHz)			3740.01	3840	3940.02	(dBm)	(dB)
80	QPSK	1	1	22.77	22.72	22.63	23.7	0.0
	Channel			649002	656000	663002	Tune-up limit	MPR
	Frequency (MHz)			3735	3840	3945	(dBm)	(dB)
70	QPSK	1	1	22.74	22.81	22.64	23.7	0.0
	Channel			648668	656000	663334	Tune-up limit	MPR
	Frequency (MHz)			3730.02	3840	3950.01	(dBm)	(dB)
60	QPSK	1	1	22.80	22.81	22.66	23.7	0.0
	Channel			648334	656000	663668	Tune-up limit	MPR
	Frequency (MHz)			3725.01	3840	3955.02	(dBm)	(dB)
50	QPSK	1	1	22.87	22.76	22.58	23.7	0.0
	Channel			648002	656000	664002	Tune-up limit	MPR
	Frequency (MHz)			3720	3840	3960	(dBm)	(dB)
40	QPSK	1	1	22.72	22.89	22.74	23.7	0.0
	Channel			647668	656000	664334	Tune-up limit	MPR
	Frequency (MHz)			3715.02	3840	3965.01	(dBm)	(dB)
30	QPSK	1	1	22.86	22.79	22.60	23.7	0.0
	Channel			647334	656000	664668	Tune-up limit	MPR
	Frequency (MHz)			3710.01	3840	3970.02	(dBm)	(dB)
20	QPSK	1	1	22.74	22.76	22.76	23.7	0.0
	Channel			647102	656000	664934	Tune-up limit	MPR
	Frequency (MHz)			3707.52	3840	3972.51	(dBm)	(dB)
15	QPSK	1	1	22.74	22.83	22.67	23.7	0.0
	Channel			647002	656000	665002	Tune-up limit	MPR
	Frequency (MHz)			3705	3840	3975	(dBm)	(dB)
10	QPSK	1	1	22.87	22.72	22.68	23.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel				633334			
	Frequency (MHz)				3500.01			
100	PI/2 BPSK	1	1		19.94			
100	PI/2 BPSK	1	137		19.87		20.7	0.0
100	PI/2 BPSK	1	271		19.92			
100	PI/2 BPSK	135	0		19.80		20.7	0.0
100	PI/2 BPSK	135	69		19.92		20.7	0.0
100	PI/2 BPSK	135	138		19.90		20.7	0.0
100	PI/2 BPSK	270	0		19.92			
100	QPSK	1	1		19.98			
100	QPSK	1	137		19.86		20.7	0.0
100	QPSK	1	271		19.89			
100	QPSK	135	0		19.75		20.7	0.0
100	QPSK	135	69		19.89		20.7	0.0
100	QPSK	135	138		19.83		20.7	0.0
100	QPSK	270	0		19.88			
100	16QAM	1	1		19.94		20.7	0.0
100	64QAM	1	1		19.87		20.7	0.0
100	256QAM	1	1		19.89		20.7	0.0
	Channel			633000	633334	633668	Tune-up limit	MPR
	Frequency (MHz)			3495	3500.01	3505.02	(dBm)	(dB)
90	QPSK	1	1	19.69	19.63	19.62	20.7	0.0
	Channel			632668	633334	634002	Tune-up limit	MPR
	Frequency (MHz)			3490.02	3500.01	3510	(dBm)	(dB)
80	QPSK	1	1	19.76	19.67	19.75	20.7	0.0
	Channel			632334	633334	634334	Tune-up limit	MPR
	Frequency (MHz)			3485.01	3500.01	3515.01	(dBm)	(dB)
70	QPSK	1	1	19.72	19.67	19.73	20.7	0.0
	Channel			632002	633334	634668	Tune-up limit	MPR
	Frequency (MHz)			3480	3500.01	3520.02	(dBm)	(dB)
60	QPSK	1	1	19.63	19.64	19.72	20.7	0.0
	Channel			631668	633334	635002	Tune-up limit	MPR
	Frequency (MHz)			3475.02	3500.01	3525	(dBm)	(dB)
50	QPSK	1	1	19.76	19.67	19.81	20.7	0.0
	Channel			631334	633334	635334	Tune-up limit	MPR
	Frequency (MHz)			3470.01	3500.01	3530.01	(dBm)	(dB)
40	QPSK	1	1	19.59	19.76	19.73	20.7	0.0
	Channel			631002	633334	635668	Tune-up limit	MPR
	Frequency (MHz)			3465	3500.01	3535.02	(dBm)	(dB)
30	QPSK	1	1	19.58	19.79	19.71	20.7	0.0
	Channel			630668	633334	636002	Tune-up limit	MPR
	Frequency (MHz)			3460.02	3500.01	3540	(dBm)	(dB)
20	QPSK	1	1	19.63	19.81	19.63	20.7	0.0
	Channel			630502	633334	636168	Tune-up limit	MPR
	Frequency (MHz)			3457.5	3500.01	3542.52	(dBm)	(dB)
15	QPSK	1	1	19.67	19.76	19.68	20.7	0.0
	Channel			630334	633334	636334	Tune-up limit	MPR
	Frequency (MHz)			3455.01	3500.01	3545.01	(dBm)	(dB)
10	QPSK	1	1	19.64	19.78	19.69	20.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel				633334			
	Frequency (MHz)				3500.01			
100	PI/2 BPSK	1	1		22.82			
100	PI/2 BPSK	1	137		22.83		23.7	0.0
100	PI/2 BPSK	1	271		22.78			
100	PI/2 BPSK	135	0		22.85		23.7	0.0
100	PI/2 BPSK	135	69		22.71		23.7	0.0
100	PI/2 BPSK	135	138		22.82		23.7	0.0
100	PI/2 BPSK	270	0		22.85			
100	QPSK	1	1		22.88			
100	QPSK	1	137		22.84		23.7	0.0
100	QPSK	1	271		22.80			
100	QPSK	135	0		22.66		23.7	0.0
100	QPSK	135	69		22.76		23.7	0.0
100	QPSK	135	138		22.66		23.7	0.0
100	QPSK	270	0		22.75			
100	16QAM	1	1		22.76		23.7	0.0
100	64QAM	1	1		22.73		23.7	0.0
100	256QAM	1	1		22.67		23.7	0.0
	Channel			633000	633334	633668	Tune-up limit	MPR
	Frequency (MHz)			3495	3500.01	3505.02	(dBm)	(dB)
90	QPSK	1	1	22.48	22.84	22.46	23.7	0.0
	Channel			632668	633334	634002	Tune-up limit	MPR
	Frequency (MHz)			3490.02	3500.01	3510	(dBm)	(dB)
80	QPSK	1	1	22.49	22.68	22.58	23.7	0.0
	Channel			632334	633334	634334	Tune-up limit	MPR
	Frequency (MHz)			3485.01	3500.01	3515.01	(dBm)	(dB)
70	QPSK	1	1	22.46	22.75	22.62	23.7	0.0
	Channel			632002	633334	634668	Tune-up limit	MPR
	Frequency (MHz)			3480	3500.01	3520.02	(dBm)	(dB)
60	QPSK	1	1	22.43	22.82	22.54	23.7	0.0
	Channel			631668	633334	635002	Tune-up limit	MPR
	Frequency (MHz)			3475.02	3500.01	3525	(dBm)	(dB)
50	QPSK	1	1	22.35	22.69	22.49	23.7	0.0
	Channel			631334	633334	635334	Tune-up limit	MPR
	Frequency (MHz)			3470.01	3500.01	3530.01	(dBm)	(dB)
40	QPSK	1	1	22.48	22.75	22.58	23.7	0.0
	Channel			631002	633334	635668	Tune-up limit	MPR
	Frequency (MHz)			3465	3500.01	3535.02	(dBm)	(dB)
30	QPSK	1	1	22.38	22.74	22.61	23.7	0.0
	Channel			630668	633334	636002	Tune-up limit	MPR
	Frequency (MHz)			3460.02	3500.01	3540	(dBm)	(dB)
20	QPSK	1	1	22.48	22.69	22.46	23.7	0.0
	Channel			630502	633334	636168	Tune-up limit	MPR
	Frequency (MHz)			3457.5	3500.01	3542.52	(dBm)	(dB)
15	QPSK	1	1	22.43	22.64	22.62	23.7	0.0
	Channel			630334	633334	636334	Tune-up limit	MPR
	Frequency (MHz)			3455.01	3500.01	3545.01	(dBm)	(dB)
10	QPSK	1	1	22.43	22.81	22.53	23.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		21.80			
100	PI/2 BPSK	1	137		21.79		22.7	0.0
100	PI/2 BPSK	1	271		21.86			
100	PI/2 BPSK	135	0		21.72		22.7	0.0
100	PI/2 BPSK	135	69		21.86		22.7	0.0
100	PI/2 BPSK	135	138		21.73		22.7	0.0
100	PI/2 BPSK	270	0		21.77			
100	QPSK	1	1		21.89		22.7	0.0
100	QPSK	1	137		21.75			
100	QPSK	1	271		21.71			
100	QPSK	135	0		21.76		22.7	0.0
100	QPSK	135	69		21.81		22.7	0.0
100	QPSK	135	138		21.79		22.7	0.0
100	QPSK	270	0		21.79		22.7	0.0
100	16QAM	1	1		21.81		22.7	0.0
100	64QAM	1	1		21.82		22.7	0.0
100	256QAM	1	1		21.75		22.7	0.0
Channel				649668	650334	650334	Tune-up limit	MPR
Frequency (MHz)				3745.02	3750	3755.01	(dBm)	(dB)
90	QPSK	1	1	21.81	21.77	21.79	22.7	0.0
Channel				648024	650000	649668	Tune-up limit	MPR
Frequency (MHz)				3740.01	3750	3760.02	(dBm)	(dB)
80	QPSK	1	1	21.74	21.75	21.62	22.7	0.0
Channel				647400	650000	653000	Tune-up limit	MPR
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)
70	QPSK	1	1	21.77	21.78	21.61	22.7	0.0
Channel				646668	650000	653334	Tune-up limit	MPR
Frequency (MHz)				3730.02	3750	3770.01	(dBm)	(dB)
60	QPSK	1	1	21.76	21.72	21.64	22.7	0.0
Channel				646334	650000	653668	Tune-up limit	MPR
Frequency (MHz)				3725.01	3750	3775.02	(dBm)	(dB)
50	QPSK	1	1	21.76	21.62	21.60	22.7	0.0
Channel				646000	650000	654000	Tune-up limit	MPR
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	21.74	21.62	21.62	22.7	0.0
Channel				645668	650000	654334	Tune-up limit	MPR
Frequency (MHz)				3715.02	3750	3785.01	(dBm)	(dB)
30	QPSK	1	1	21.82	21.70	21.59	22.7	0.0
Channel				645334	650000	654668	Tune-up limit	MPR
Frequency (MHz)				3710.01	3750	3790.02	(dBm)	(dB)
20	QPSK	1	1	21.82	21.56	21.71	22.7	0.0
Channel				647168	650000	654334	Tune-up limit	MPR
Frequency (MHz)				3707.52	3750	3792.51	(dBm)	(dB)
15	QPSK	1	1	21.82	21.59	21.67	22.7	0.0
Channel				647000	650000	653000	Tune-up limit	MPR
Frequency (MHz)				3705	3750	3795	(dBm)	(dB)
10	QPSK	1	1	21.70	21.62	21.70	22.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		24.83			
100	PI/2 BPSK	1	137		24.81		25.7	0.0
100	PI/2 BPSK	1	271		24.79			
100	PI/2 BPSK	135	0		24.83		25.7	0.0
100	PI/2 BPSK	135	69		24.81		25.7	0.0
100	PI/2 BPSK	135	138		24.83		25.7	0.0
100	PI/2 BPSK	270	0		24.74			
100	QPSK	1	1		24.88		25.7	0.0
100	QPSK	1	137		24.86			
100	QPSK	1	271		24.83			
100	QPSK	135	0		24.72		25.7	0.0
100	QPSK	135	69		24.74		25.7	0.0
100	QPSK	135	138		24.64		25.7	0.0
100	QPSK	270	0		24.72		25.7	0.0
100	16QAM	1	1		24.75		25.7	0.0
100	64QAM	1	1		24.73		25.7	0.0
100	256QAM	1	1		23.17		24.2	1.5
Channel				649668	650000	650334	Tune-up limit	MPR
Frequency (MHz)				3745.02	3750	3755.01	(dBm)	(dB)
90	QPSK	1	1	24.78	24.83	24.71	25.7	0.0
Channel				648024	650000	649668	Tune-up limit	MPR
Frequency (MHz)				3740.01	3750	3760.02	(dBm)	(dB)
80	QPSK	1	1	24.78	24.64	24.71	25.7	0.0
Channel				648000	650000	651000	Tune-up limit	MPR
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)
70	QPSK	1	1	24.64	24.65	24.66	25.7	0.0
Channel				646668	650000	653334	Tune-up limit	MPR
Frequency (MHz)				3730.02	3750	3770.01	(dBm)	(dB)
60	QPSK	1	1	24.64	24.66	24.61	25.7	0.0
Channel				646334	650000	651668	Tune-up limit	MPR
Frequency (MHz)				3725.01	3750	3775.02	(dBm)	(dB)
50	QPSK	1	1	24.79	24.69	24.50	25.7	0.0
Channel				646000	650000	652000	Tune-up limit	MPR
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	24.69	24.78	24.64	25.7	0.0
Channel				645668	650000	652334	Tune-up limit	MPR
Frequency (MHz)				3715.02	3750	3785.01	(dBm)	(dB)
30	QPSK	1	1	24.69	24.83	24.59	25.7	0.0
Channel				645334	650000	652668	Tune-up limit	MPR
Frequency (MHz)				3710.01	3750	3790.02	(dBm)	(dB)
20	QPSK	1	1	24.57	24.64	24.71	25.7	0.0
Channel				647168	650000	652334	Tune-up limit	MPR
Frequency (MHz)				3707.52	3750	3792.51	(dBm)	(dB)
15	QPSK	1	1	24.76	24.62	24.69	25.7	0.0
Channel				647000	650000	653000	Tuneup limit	MPR
Frequency (MHz)				3705	3750	3795	(dBm)	(dB)
10	QPSK	1	1	24.77	24.62	24.52	25.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		21.90			
100	PI/2 BPSK	1	137		21.91		22.7	0.0
100	PI/2 BPSK	1	271		21.94			
100	PI/2 BPSK	135	0		21.95		22.7	0.0
100	PI/2 BPSK	135	69		21.90		22.7	0.0
100	PI/2 BPSK	135	138		21.92		22.7	0.0
100	PI/2 BPSK	270	0		21.81			
100	QPSK	1	1		21.99			
100	QPSK	1	137		21.84		22.7	0.0
100	QPSK	1	271		21.88			
100	QPSK	135	0		21.85		22.7	0.0
100	QPSK	135	69		21.91		22.7	0.0
100	QPSK	135	138		21.82		22.7	0.0
100	QPSK	270	0		21.90		22.7	0.0
100	16QAM	1	1		21.97		22.7	0.0
100	64QAM	1	1		21.82		22.7	0.0
100	256QAM	1	1		21.77		22.7	0.0
Channel				633000	633334	633668	Tune-up limit	MPR
Frequency (MHz)				3495	3500.01	3505.02	(dBm)	(dB)
90	QPSK	1	1	21.80	21.79	21.91	22.7	0.0
Channel				632668	633334	634002	Tune-up limit	MPR
Frequency (MHz)				3490.02	3500.01	3510	(dBm)	(dB)
80	QPSK	1	1	21.76	21.58	21.69	22.7	0.0
Channel				632334	633334	634334	Tune-up limit	MPR
Frequency (MHz)				3485.01	3500.01	3515.01	(dBm)	(dB)
70	QPSK	1	1	21.72	21.72	21.71	22.7	0.0
Channel				632002	633334	634668	Tune-up limit	MPR
Frequency (MHz)				3480	3500.01	3520.02	(dBm)	(dB)
60	QPSK	1	1	21.68	21.59	21.78	22.7	0.0
Channel				631668	633334	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3500.01	3525	(dBm)	(dB)
50	QPSK	1	1	21.70	21.79	21.84	22.7	0.0
Channel				631334	633334	635334	Tune-up limit	MPR
Frequency (MHz)				3470.01	3500.01	3530.01	(dBm)	(dB)
40	QPSK	1	1	21.60	21.76	21.74	22.7	0.0
Channel				631002	633334	635668	Tune-up limit	MPR
Frequency (MHz)				3465	3500.01	3535.02	(dBm)	(dB)
30	QPSK	1	1	21.81	21.61	21.89	22.7	0.0
Channel				630668	633334	636002	Tune-up limit	MPR
Frequency (MHz)				3460.02	3500.01	3540	(dBm)	(dB)
20	QPSK	1	1	21.78	21.66	21.83	22.7	0.0
Channel				630002	633334	636668	Tune-up limit	MPR
Frequency (MHz)				3457.5	3500.01	3542.52	(dBm)	(dB)
15	QPSK	1	1	21.75	21.72	21.77	22.7	0.0
Channel				630334	633334	636334	Tune-up limit	MPR
Frequency (MHz)				3455.01	3500.01	3545.01	(dBm)	(dB)
10	QPSK	1	1	21.78	21.71	21.71	22.7	0.0

PC2 Part27Q n78 Ant10 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		24.88			
100	PI/2 BPSK	1	137		24.94		25.7	0.0
100	PI/2 BPSK	1	271		24.94			
100	PI/2 BPSK	135	0		24.81		25.7	0.0
100	PI/2 BPSK	135	69		24.82		25.7	0.0
100	PI/2 BPSK	135	138		24.83		25.7	0.0
100	PI/2 BPSK	270	0		24.82			
100	QPSK	1	1		24.97			
100	QPSK	1	137		24.91		25.7	0.0
100	QPSK	1	271		24.95			
100	QPSK	135	0		24.82		25.7	0.0
100	QPSK	135	69		24.99		25.7	0.0
100	QPSK	135	138		24.87		25.7	0.0
100	QPSK	270	0		24.89		25.7	0.0
100	16QAM	1	1		24.91		25.7	0.0
100	64QAM	1	1		24.84		25.7	0.0
100	256QAM	1	1		23.22		24.2	1.5
Channel				633000	633334	633668	Tune-up limit	MPR
Frequency (MHz)				3495	3500.01	3505.02	(dBm)	(dB)
90	QPSK	1	1	24.83	24.85	24.85	25.7	0.0
Channel				632668	633334	634002	Tune-up limit	MPR
Frequency (MHz)				3490.02	3500.01	3510	(dBm)	(dB)
80	QPSK	1	1	24.82	24.71	24.82	25.7	0.0
Channel				632334	633334	634334	Tune-up limit	MPR
Frequency (MHz)				3485.01	3500.01	3515.01	(dBm)	(dB)
70	QPSK	1	1	24.68	24.66	24.67	25.7	0.0
Channel				632002	633334	634668	Tune-up limit	MPR
Frequency (MHz)				3480	3500.01	3520.02	(dBm)	(dB)
60	QPSK	1	1	24.80	24.82	24.77	25.7	0.0
Channel				631668	633334	635002	Tune-up limit	MPR
Frequency (MHz)				3475.02	3500.01	3525	(dBm)	(dB)
50	QPSK	1	1	24.65	24.76	24.67	25.7	0.0
Channel				631334	633334	635334	Tune-up limit	MPR
Frequency (MHz)				3470.01	3500.01	3530.01	(dBm)	(dB)
40	QPSK	1	1	24.78	24.78	24.80	25.7	0.0
Channel				631002	633334	635668	Tune-up limit	MPR
Frequency (MHz)				3465	3500.01	3535.02	(dBm)	(dB)
30	QPSK	1	1	24.72	24.81	24.64	25.7	0.0
Channel				630668	633334	636002	Tune-up limit	MPR
Frequency (MHz)				3460.02	3500.01	3540	(dBm)	(dB)
20	QPSK	1	1	24.82	24.69	24.74	25.7	0.0
Channel				630002	633334	636668	Tune-up limit	MPR
Frequency (MHz)				3457.5	3500.01	3542.52	(dBm)	(dB)
15	QPSK	1	1	24.73	24.66	24.75	25.7	0.0
Channel				630334	633334	636334	Tune-up limit	MPR
Frequency (MHz)				3455.01	3500.01	3545.01	(dBm)	(dB)
10	QPSK	1	1	24.82	24.86	24.69	25.7	0.0

PC3 Part27O n77 Ant12 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
			Channel	650000	656000	662000		
			Frequency (MHz)	3750	3840	3930		
100	PI/2 BPSK	1	1	17.73	17.96	17.78	19.2	0.0
100	PI/2 BPSK	1	137	17.66	17.88	17.76		
100	PI/2 BPSK	1	271	17.62	18.01	17.82		
100	PI/2 BPSK	135	0	17.68	17.86	17.73	19.2	0.0
100	PI/2 BPSK	135	69	17.61	17.95	17.74	19.2	0.0
100	PI/2 BPSK	135	138	17.66	17.86	17.70		
100	PI/2 BPSK	270	0	17.69	17.93	17.79	19.2	0.0
100	QPSK	1	1	17.76	18.03	17.87		
100	QPSK	1	137	17.63	17.93	17.85	19.2	0.0
100	QPSK	1	271	17.62	17.99	17.73		
100	QPSK	135	0	17.63	17.94	17.81	19.2	0.0
100	QPSK	135	69	17.69	18.01	17.69	19.2	0.0
100	QPSK	135	138	17.70	18.00	17.79		
100	QPSK	270	0	17.65	17.98	17.77	19.2	0.0
100	16QAM	1	1	17.59	17.90	17.78	19.2	0.0
100	64QAM	1	1	17.68	18.00	17.79	19.2	0.0
100	256QAM	1	1	17.68	17.99	17.72	19.2	0.0
			Channel	646668	656000	662334	Tune-up limit	MPR
			Frequency (MHz)	3745.02	3840	3935.01	(dBm)	(dB)
90	QPSK	1	1	17.67	17.94	17.82	19.2	0.0
			Channel	646334	656000	662668	Tune-up limit	MPR
			Frequency (MHz)	3740.01	3840	3940.02	(dBm)	(dB)
80	QPSK	1	1	17.68	17.90	17.83	19.2	0.0
			Channel	646002	656000	663002	Tune-up limit	MPR
			Frequency (MHz)	3735	3840	3945	(dBm)	(dB)
70	QPSK	1	1	17.72	17.86	17.80	19.2	0.0
			Channel	646668	656000	663334	Tune-up limit	MPR
			Frequency (MHz)	3730.02	3840	3950.01	(dBm)	(dB)
60	QPSK	1	1	17.60	18.00	17.75	19.2	0.0
			Channel	646334	656000	663668	Tune-up limit	MPR
			Frequency (MHz)	3725.01	3840	3955.02	(dBm)	(dB)
50	QPSK	1	1	17.61	17.98	17.71	19.2	0.0
			Channel	646002	656000	664002	Tune-up limit	MPR
			Frequency (MHz)	3720	3840	3960	(dBm)	(dB)
40	QPSK	1	1	17.70	17.97	17.71	19.2	0.0
			Channel	647002	656000	664334	Tune-up limit	MPR
			Frequency (MHz)	3715.02	3840	3965.01	(dBm)	(dB)
30	QPSK	1	1	17.70	17.97	17.77	19.2	0.0
			Channel	647334	656000	664668	Tune-up limit	MPR
			Frequency (MHz)	3710.01	3840	3970.02	(dBm)	(dB)
20	QPSK	1	1	17.72	17.90	17.72	19.2	0.0
			Channel	647164	656000	664834	Tune-up limit	MPR
			Frequency (MHz)	3707.52	3840	3972.51	(dBm)	(dB)
15	QPSK	1	1	17.61	18.01	17.73	19.2	0.0
			Channel	647000	656000	665000	Tune-up limit	MPR
			Frequency (MHz)	3705	3840	3975	(dBm)	(dB)
10	QPSK	1	1	17.73	17.85	17.84	19.2	0.0

PC2 Part27O n77 Ant12 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
			Channel	650000	656000	662000		
			Frequency (MHz)	3750	3840	3930		
100	PI/2 BPSK	1	1	20.81	20.92	20.78		
100	PI/2 BPSK	1	137	20.76	20.88	20.82	22.2	0.0
100	PI/2 BPSK	1	271	20.75	20.80	20.73		
100	PI/2 BPSK	135	0	20.87	20.92	20.79	22.2	0.0
100	PI/2 BPSK	135	69	20.90	20.84	20.70	22.2	0.0
100	PI/2 BPSK	135	138	20.82	20.83	20.77	22.2	0.0
100	PI/2 BPSK	270	0	20.91	20.86	20.84		
100	QPSK	1	1	20.93	20.96	20.87		
100	QPSK	1	137	20.84	20.91	20.70	22.2	0.0
100	QPSK	1	271	20.89	20.87	20.83		
100	QPSK	135	0	20.83	20.84	20.84	22.2	0.0
100	QPSK	135	69	20.90	20.89	20.75	22.2	0.0
100	QPSK	135	138	20.76	20.82	20.81	22.2	0.0
100	QPSK	270	0	20.80	20.86	20.71	22.2	0.0
100	16QAM	1	1	20.88	20.84	20.80	22.2	0.0
100	64QAM	1	1	20.82	20.84	20.78	22.2	0.0
100	256QAM	1	1	20.91	20.85	20.72	22.2	0.0
			Channel	646668	656000	663334	Tune-up limit	MPR
			Frequency (MHz)	3745.02	3840	3935.01	(dBm)	(dB)
90	QPSK	1	1	20.83	20.90	20.74	22.2	0.0
			Channel	646334	656000	663668	Tune-up limit	MPR
			Frequency (MHz)	3740.01	3840	3940.02	(dBm)	(dB)
80	QPSK	1	1	20.81	20.86	20.82	22.2	0.0
			Channel	646002	656000	664002	Tune-up limit	MPR
			Frequency (MHz)	3735	3840	3945	(dBm)	(dB)
70	QPSK	1	1	20.88	20.83	20.77	22.2	0.0
			Channel	646668	656000	663334	Tune-up limit	MPR
			Frequency (MHz)	3730.02	3840	3950.01	(dBm)	(dB)
60	QPSK	1	1	20.88	20.94	20.71	22.2	0.0
			Channel	646334	656000	663668	Tune-up limit	MPR
			Frequency (MHz)	3725.01	3840	3955.02	(dBm)	(dB)
50	QPSK	1	1	20.85	20.94	20.76	22.2	0.0
			Channel	646002	656000	664002	Tune-up limit	MPR
			Frequency (MHz)	3720	3840	3960	(dBm)	(dB)
40	QPSK	1	1	20.81	20.94	20.83	22.2	0.0
			Channel	647002	656000	664334	Tune-up limit	MPR
			Frequency (MHz)	3715.02	3840	3965.01	(dBm)	(dB)
30	QPSK	1	1	20.85	20.84	20.80	22.2	0.0
			Channel	647334	656000	664668	Tune-up limit	MPR
			Frequency (MHz)	3710.01	3840	3970.02	(dBm)	(dB)
20	QPSK	1	1	20.82	20.79	20.73	22.2	0.0
			Channel	647168	656000	664834	Tune-up limit	MPR
			Frequency (MHz)	3707.52	3840	3972.51	(dBm)	(dB)
15	QPSK	1	1	20.84	20.86	20.75	22.2	0.0
			Channel	647000	656000	665000	Tune-up limit	MPR
			Frequency (MHz)	3705	3840	3975	(dBm)	(dB)
10	QPSK	1	1	20.86	20.87	20.69	22.2	0.0

PC3 Part27Q n77 Ant12 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
			Channel		633334			
			Frequency (MHz)		3500.01			
100	PI/2 BPSK	1	1		17.69			
100	PI/2 BPSK	1	137		17.69		19.2	0.0
100	PI/2 BPSK	1	271		17.76			
100	PI/2 BPSK	135	0		17.73		19.2	0.0
100	PI/2 BPSK	135	69		17.77		19.2	0.0
100	PI/2 BPSK	135	138		17.76		19.2	0.0
100	PI/2 BPSK	270	0		17.88			
100	QPSK	1	1		17.82			
100	QPSK	1	137		17.73		19.2	0.0
100	QPSK	1	271		17.70			
100	QPSK	135	0		17.69		19.2	0.0
100	QPSK	135	69		17.72		19.2	0.0
100	QPSK	135	138		17.71		19.2	0.0
100	QPSK	270	0		17.68		19.2	0.0
100	16QAM	1	1		17.71		19.2	0.0
100	64QAM	1	1		17.74		19.2	0.0
100	256QAM	1	1		17.74		19.2	0.0
			Channel	633000	633334	633668	Tune-up limit	MPR
			Frequency (MHz)	3495	3500.01	3505.02	(dBm)	(dB)
90	QPSK	1	1	17.68	17.72	17.81	19.2	0.0
			Channel	632668	633334	634002	Tune-up limit	MPR
			Frequency (MHz)	3490.02	3500.01	3510	(dBm)	(dB)
80	QPSK	1	1	17.66	17.66	17.52	19.2	0.0
			Channel	632334	633334	634334	Tune-up limit	MPR
			Frequency (MHz)	3485.01	3500.01	3515.01	(dBm)	(dB)
70	QPSK	1	1	17.59	17.73	17.54	19.2	0.0
			Channel	632002	633334	634668	Tune-up limit	MPR
			Frequency (MHz)	3480	3500.01	3520.02	(dBm)	(dB)
60	QPSK	1	1	17.63	17.79	17.57	19.2	0.0
			Channel	631668	633334	635002	Tune-up limit	MPR
			Frequency (MHz)	3475.02	3500.01	3525	(dBm)	(dB)
50	QPSK	1	1	17.68	17.80	17.61	19.2	0.0
			Channel	631334	633334	635334	Tune-up limit	MPR
			Frequency (MHz)	3470.01	3500.01	3530.01	(dBm)	(dB)
40	QPSK	1	1	17.64	17.72	17.55	19.2	0.0
			Channel	631002	633334	635668	Tune-up limit	MPR
			Frequency (MHz)	3465	3500.01	3535.02	(dBm)	(dB)
30	QPSK	1	1	17.64	17.78	17.52	19.2	0.0
			Channel	630668	633334	636002	Tune-up limit	MPR
			Frequency (MHz)	3460.02	3500.01	3540	(dBm)	(dB)
20	QPSK	1	1	17.56	17.77	17.50	19.2	0.0
			Channel	630500	633334	636168	Tune-up limit	MPR
			Frequency (MHz)	3457.5	3500.01	3542.52	(dBm)	(dB)
15	QPSK	1	1	17.56	17.71	17.56	19.2	0.0
			Channel	630334	633334	636334	Tune-up limit	MPR
			Frequency (MHz)	3455.01	3500.01	3545.01	(dBm)	(dB)
10	QPSK	1	1	17.66	17.70	17.52	19.2	0.0

PC2 Part27Q n77 Ant12 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
			Channel		633334			
			Frequency (MHz)		3500.01			
100	PI/2 BPSK	1	1		20.69			
100	PI/2 BPSK	1	137		20.72		22.2	0.0
100	PI/2 BPSK	1	271		20.70			
100	PI/2 BPSK	135	0		20.70		22.2	0.0
100	PI/2 BPSK	135	69		20.69		22.2	0.0
100	PI/2 BPSK	135	138		20.76		22.2	0.0
100	PI/2 BPSK	270	0		20.72			
100	QPSK	1	1		20.81			
100	QPSK	1	137		20.75		22.2	0.0
100	QPSK	1	271		20.73			
100	QPSK	135	0		20.78		22.2	0.0
100	QPSK	135	69		20.79		22.2	0.0
100	QPSK	135	138		20.73		22.2	0.0
100	QPSK	270	0		20.63		22.2	0.0
100	16QAM	1	1		20.63		22.2	0.0
100	64QAM	1	1		20.63		22.2	0.0
100	256QAM	1	1		20.79		22.2	0.0
			Channel	633000	633334	633668	Tune-up limit	MPR
			Frequency (MHz)	3495	3500.01	3505.02	(dBm)	(dB)
90	QPSK	1	1	20.73	20.71	20.63	22.2	0.0
			Channel	632668	633334	634002	Tune-up limit	MPR
			Frequency (MHz)	3490.02	3500.01	3510	(dBm)	(dB)
80	QPSK	1	1	20.64	20.69	20.66	22.2	0.0
			Channel	632334	633334	634334	Tune-up limit	MPR
			Frequency (MHz)	3485.01	3500.01	3515.01	(dBm)	(dB)
70	QPSK	1	1	20.66	20.74	20.67	22.2	0.0
			Channel	632002	633334	634668	Tune-up limit	MPR
			Frequency (MHz)	3480	3500.01	3520.02	(dBm)	(dB)
60	QPSK	1	1	20.68	20.66	20.64	22.2	0.0
			Channel	631668	633334	635002	Tune-up limit	MPR
			Frequency (MHz)	3475.02	3500.01	3525	(dBm)	(dB)
50	QPSK	1	1	20.67	20.78	20.62	22.2	0.0
			Channel	631334	633334	635334	Tune-up limit	MPR
			Frequency (MHz)	3470.01	3500.01	3530.01	(dBm)	(dB)
40	QPSK	1	1	20.69	20.65	20.62	22.2	0.0
			Channel	631002	633334	635668	Tune-up limit	MPR
			Frequency (MHz)	3465	3500.01	3535.02	(dBm)	(dB)
30	QPSK	1	1	20.70	20.73	20.63	22.2	0.0
			Channel	630668	633334	636002	Tune-up limit	MPR
			Frequency (MHz)	3460.02	3500.01	3540	(dBm)	(dB)
20	QPSK	1	1	20.74	20.75	20.63	22.2	0.0
			Channel	630500	633334	636168	Tune-up limit	MPR
			Frequency (MHz)	3457.5	3500.01	3542.52	(dBm)	(dB)
15	QPSK	1	1	20.67	20.74	20.68	22.2	0.0
			Channel	630334	633334	636334	Tune-up limit	MPR
			Frequency (MHz)	3455.01	3500.01	3545.01	(dBm)	(dB)
10	QPSK	1	1	20.69	20.70	20.63	22.2	0.0

PC3 Part27O n78 Ant12 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		17.25			
100	PI/2 BPSK	1	137		17.22		18.2	0.0
100	PI/2 BPSK	1	271		17.21			
100	PI/2 BPSK	135	0		17.23		18.2	0.0
100	PI/2 BPSK	135	69		17.20		18.2	0.0
100	PI/2 BPSK	135	138		17.15		18.2	0.0
100	PI/2 BPSK	270	0		17.20			
100	QPSK	1	1		17.28		18.2	0.0
100	QPSK	1	137		17.16			
100	QPSK	1	271		17.12			
100	QPSK	135	0		17.14		18.2	0.0
100	QPSK	135	69		17.22		18.2	0.0
100	QPSK	135	138		17.14		18.2	0.0
100	QPSK	270	0		17.13		18.2	0.0
100	16QAM	1	1		17.14		18.2	0.0
100	64QAM	1	1		17.26		18.2	0.0
100	256QAM	1	1		17.13		18.2	0.0
Channel				649668	650334	650334	Tune-up limit	MPR
Frequency (MHz)				3745.02	3750	3755.01	(dBm)	(dB)
90	QPSK	1	1	17.14	17.21	17.05	18.2	0.0
Channel				649334	650002	650668	Tune-up limit	MPR
Frequency (MHz)				3740.01	3750	3760.02	(dBm)	(dB)
80	QPSK	1	1	17.17	17.10	17.19	18.2	0.0
Channel				649002	650002	651002	Tune-up limit	MPR
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)
70	QPSK	1	1	17.18	17.12	17.13	18.2	0.0
Channel				648668	650002	651334	Tune-up limit	MPR
Frequency (MHz)				3730.02	3750	3770.01	(dBm)	(dB)
60	QPSK	1	1	17.08	17.21	17.17	18.2	0.0
Channel				648334	650002	651668	Tune-up limit	MPR
Frequency (MHz)				3725.01	3750	3775.02	(dBm)	(dB)
50	QPSK	1	1	17.19	17.23	17.13	18.2	0.0
Channel				648002	650002	652002	Tune-up limit	MPR
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	17.10	17.23	17.17	18.2	0.0
Channel				647668	650002	652334	Tune-up limit	MPR
Frequency (MHz)				3715.02	3750	3785.01	(dBm)	(dB)
30	QPSK	1	1	17.19	17.24	17.04	18.2	0.0
Channel				647334	650002	652668	Tune-up limit	MPR
Frequency (MHz)				3710.01	3750	3790.02	(dBm)	(dB)
20	QPSK	1	1	17.09	17.13	17.11	18.2	0.0
Channel				647168	650002	652334	Tune-up limit	MPR
Frequency (MHz)				3707.52	3750	3792.51	(dBm)	(dB)
15	QPSK	1	1	17.17	17.15	17.09	18.2	0.0
Channel				647000	650000	653000	Tune-up limit	MPR
Frequency (MHz)				3705	3750	3795	(dBm)	(dB)
10	QPSK	1	1	17.14	17.13	17.09	18.2	0.0

PC2 Part27O n78 Ant12 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		20.08			
100	PI/2 BPSK	1	137		20.07		21.2	0.0
100	PI/2 BPSK	1	271		20.06			
100	PI/2 BPSK	135	0		20.13		21.2	0.0
100	PI/2 BPSK	135	69		20.13		21.2	0.0
100	PI/2 BPSK	135	138		20.02		21.2	0.0
100	PI/2 BPSK	270	0		20.07			
100	QPSK	1	1		20.18		21.2	0.0
100	QPSK	1	137		20.07			
100	QPSK	1	271		20.05			
100	QPSK	135	0		20.12		21.2	0.0
100	QPSK	135	69		20.13		21.2	0.0
100	QPSK	135	138		20.19		21.2	0.0
100	QPSK	270	0		20.05		21.2	0.0
100	16QAM	1	1		20.01		21.2	0.0
100	64QAM	1	1		20.11		21.2	0.0
100	256QAM	1	1		20.03		21.2	0.0
Channel				649668	650002	650334	Tune-up limit	MPR
Frequency (MHz)				3745.02	3750	3755.01	(dBm)	(dB)
90	QPSK	1	1	20.11	20.12	20.05	21.2	0.0
Channel				649334	650002	650668	Tune-up limit	MPR
Frequency (MHz)				3740.01	3750	3760.02	(dBm)	(dB)
80	QPSK	1	1	20.05	20.05	20.08	21.2	0.0
Channel				649002	650002	651002	Tune-up limit	MPR
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)
70	QPSK	1	1	20.10	20.12	20.03	21.2	0.0
Channel				648668	650002	651334	Tune-up limit	MPR
Frequency (MHz)				3730.02	3750	3770.01	(dBm)	(dB)
60	QPSK	1	1	20.08	20.08	20.09	21.2	0.0
Channel				648334	650002	651668	Tune-up limit	MPR
Frequency (MHz)				3725.01	3750	3775.02	(dBm)	(dB)
50	QPSK	1	1	20.09	20.03	20.05	21.2	0.0
Channel				648002	650002	652002	Tune-up limit	MPR
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	20.05	20.05	20.08	21.2	0.0
Channel				647668	650002	652334	Tune-up limit	MPR
Frequency (MHz)				3715.02	3750	3785.01	(dBm)	(dB)
30	QPSK	1	1	20.07	20.04	20.04	21.2	0.0
Channel				647334	650002	652668	Tune-up limit	MPR
Frequency (MHz)				3710.01	3750	3790.02	(dBm)	(dB)
20	QPSK	1	1	20.05	20.07	20.02	21.2	0.0
Channel				647168	650002	652334	Tune-up limit	MPR
Frequency (MHz)				3707.52	3750	3792.51	(dBm)	(dB)
15	QPSK	1	1	20.01	20.12	20.06	21.2	0.0
Channel				647000	650000	653000	Tune-up limit	MPR
Frequency (MHz)				3705	3750	3795	(dBm)	(dB)
10	QPSK	1	1	20.03	20.04	20.02	21.2	0.0

PC3 Part27Q n78 Ant12 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		17.21			
100	PI/2 BPSK	1	137		17.10		18.2	0.0
100	PI/2 BPSK	1	271		17.20			
100	PI/2 BPSK	135	0		17.21		18.2	0.0
100	PI/2 BPSK	135	69		17.11		18.2	0.0
100	PI/2 BPSK	135	138		17.10		18.2	0.0
100	PI/2 BPSK	270	0		17.18			
100	QPSK	1	1		17.26		18.2	0.0
100	QPSK	1	137		17.12			
100	QPSK	1	271		17.18			
100	QPSK	135	0		17.09		18.2	0.0
100	QPSK	135	69		17.20		18.2	0.0
100	QPSK	135	138		17.17		18.2	0.0
100	QPSK	270	0		17.19		18.2	0.0
100	16QAM	1	1		17.17		18.2	0.0
100	64QAM	1	1		17.11		18.2	0.0
100	256QAM	1	1		17.19		18.2	0.0
Channel				633000	633334	633668	Tune-up limit	MPR
Frequency (MHz)				3495	3500.01	3505.02	(dBm)	(dB)
90	QPSK	1	1	17.17	17.19	17.09	18.2	0.0
Channel				632668	633334	634002	Tune-up limit	MPR
Frequency (MHz)				3490.02	3500.01	3510	(dBm)	(dB)
80	QPSK	1	1	17.19	17.14	17.09	18.2	0.0
Channel				632334	633334	634334	Tune-up limit	MPR
Frequency (MHz)				3485.01	3500.01	3515.01	(dBm)	(dB)
70	QPSK	1	1	17.19	17.21	17.04	18.2	0.0
Channel				632002	633334	634668	Tune-up limit	MPR
Frequency (MHz)				3480	3500.01	3520.02	(dBm)	(dB)
60	QPSK	1	1	17.17	17.22	17.05	18.2	0.0
Channel				631668	633334	635002	Tune-up limit	MPR
Frequency (MHz)				3475.02	3500.01	3525	(dBm)	(dB)
50	QPSK	1	1	17.15	17.12	17.03	18.2	0.0
Channel				631334	633334	635334	Tune-up limit	MPR
Frequency (MHz)				3470.01	3500.01	3530.01	(dBm)	(dB)
40	QPSK	1	1	17.17	17.21	17.17	18.2	0.0
Channel				631002	633334	635668	Tune-up limit	MPR
Frequency (MHz)				3465	3500.01	3535.02	(dBm)	(dB)
30	QPSK	1	1	17.20	17.11	17.11	18.2	0.0
Channel				630668	633334	636002	Tune-up limit	MPR
Frequency (MHz)				3460.02	3500.01	3540	(dBm)	(dB)
20	QPSK	1	1	17.13	17.21	17.06	18.2	0.0
Channel				630002	633334	636668	Tune-up limit	MPR
Frequency (MHz)				3457.5	3500.01	3542.52	(dBm)	(dB)
15	QPSK	1	1	17.10	17.09	17.11	18.2	0.0
Channel				630334	633334	636334	Tune-up limit	MPR
Frequency (MHz)				3455.01	3500.01	3545.01	(dBm)	(dB)
10	QPSK	1	1	17.10	17.14	17.15	18.2	0.0

PC2 Part27Q n78 Ant12 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		20.05			
100	PI/2 BPSK	1	137		20.13		21.2	0.0
100	PI/2 BPSK	1	271		20.11			
100	PI/2 BPSK	135	0		20.04		21.2	0.0
100	PI/2 BPSK	135	69		20.08		21.2	0.0
100	PI/2 BPSK	135	138		20.09		21.2	0.0
100	PI/2 BPSK	270	0		20.11			
100	QPSK	1	1		20.20		21.2	0.0
100	QPSK	1	137		20.02			
100	QPSK	1	271		20.04			
100	QPSK	135	0		20.06		21.2	0.0
100	QPSK	135	69		20.12		21.2	0.0
100	QPSK	135	138		20.11		21.2	0.0
100	QPSK	270	0		20.09		21.2	0.0
100	16QAM	1	1		20.12		21.2	0.0
100	64QAM	1	1		20.09		21.2	0.0
100	256QAM	1	1		20.16		21.2	0.0
Channel				633000	633334	633668	Tune-up limit	MPR
Frequency (MHz)				3495	3500.01	3505.02	(dBm)	(dB)
90	QPSK	1	1	20.11	20.11	19.96	21.2	0.0
Channel				632668	633334	634002	Tune-up limit	MPR
Frequency (MHz)				3490.02	3500.01	3510	(dBm)	(dB)
80	QPSK	1	1	20.12	20.18	20.07	21.2	0.0
Channel				632334	633334	634334	Tune-up limit	MPR
Frequency (MHz)				3485.01	3500.01	3515.01	(dBm)	(dB)
70	QPSK	1	1	20.13	20.02	20.04	21.2	0.0
Channel				632002	633334	634668	Tune-up limit	MPR
Frequency (MHz)				3480	3500.01	3520.02	(dBm)	(dB)
60	QPSK	1	1	20.10	20.15	20.00	21.2	0.0
Channel				631668	633334	635002	Tune-up limit	MPR
Frequency (MHz)				3475.02	3500.01	3525	(dBm)	(dB)
50	QPSK	1	1	20.02	20.18	20.00	21.2	0.0
Channel				631334	633334	635334	Tune-up limit	MPR
Frequency (MHz)				3470.01	3500.01	3530.01	(dBm)	(dB)
40	QPSK	1	1	20.04	20.17	20.09	21.2	0.0
Channel				631002	633334	635668	Tune-up limit	MPR
Frequency (MHz)				3465	3500.01	3535.02	(dBm)	(dB)
30	QPSK	1	1	20.10	20.15	19.99	21.2	0.0
Channel				630668	633334	636002	Tune-up limit	MPR
Frequency (MHz)				3460.02	3500.01	3540	(dBm)	(dB)
20	QPSK	1	1	20.13	20.10	20.00	21.2	0.0
Channel				630002	633334	636668	Tune-up limit	MPR
Frequency (MHz)				3457.5	3500.01	3542.52	(dBm)	(dB)
15	QPSK	1	1	20.04	20.16	19.99	21.2	0.0
Channel				630334	633334	636334	Tune-up limit	MPR
Frequency (MHz)				3455.01	3500.01	3545.01	(dBm)	(dB)
10	QPSK	1	1	20.08	20.04	20.09	21.2	0.0

Reduced Power Mode for DSI4

n5 Ant0 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	25.25	25.29	25.21		
20	PI/2 BPSK	1	53	25.16	25.26	25.16	25.7	0.0
20	PI/2 BPSK	1	104	25.09	25.14	25.09		
20	PI/2 BPSK	50	0	24.82	24.79	24.72	25.2	0.5
20	PI/2 BPSK	50	28	25.17	25.32	25.25	25.7	0.0
20	PI/2 BPSK	50	56	24.50	24.68	24.50	25.2	0.5
20	PI/2 BPSK	100	0	24.66	24.77	24.69		
20	QPSK	1	1	25.31	25.40	25.25		
20	QPSK	1	53	25.26	25.28	25.13	25.7	0.0
20	QPSK	1	104	24.96	25.10	24.97		
20	QPSK	50	0	24.67	24.28	24.19	24.7	1.0
20	QPSK	50	28	25.31	25.33	25.22	25.7	0.0
20	QPSK	50	56	24.01	24.17	24.01	24.7	1.0
20	QPSK	100	0	24.16	24.26	24.10		
20	16QAM	1	1	23.97	24.09	23.95	24.7	1.0
20	64QAM	1	1	22.76	22.79	22.80	23.2	2.5
20	256QAM	1	1	20.78	20.92	20.68	21.2	4.5
Channel				168300	167300	168300	Tune-up limit	MPR
Frequency (MHz)				831.5	836.5	841.5	(dBm)	(dB)
15	QPSK	1	1	25.27	25.24	25.21	25.7	0.0
Channel				165850	167300	168800	Tune-up limit	MPR
Frequency (MHz)				829	836.5	844	(dBm)	(dB)
10	QPSK	1	1	25.21	25.35	25.16	25.7	0.0
Channel				165300	167300	169300	Tune-up limit	MPR
Frequency (MHz)				826.5	836.5	846.5	(dBm)	(dB)
5	QPSK	1	1	25.16	25.28	25.08	25.7	0.0

n7 Ant0 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	23.81	23.86	23.74		
40	PI/2 BPSK	1	108	23.78	23.88	23.63	25.1	0.0
40	PI/2 BPSK	1	214	23.78	23.87	23.71		
40	PI/2 BPSK	108	0	23.22	23.20	23.18	24.6	0.5
40	PI/2 BPSK	108	54	23.65	23.75	23.56	25.1	0.0
40	PI/2 BPSK	108	108	23.14	23.23	23.04	24.6	0.5
40	PI/2 BPSK	216	0	23.09	23.32	23.08		
40	QPSK	1	1	23.91	23.93	23.94		
40	QPSK	1	108	23.55	23.74	23.58	25.1	0.0
40	QPSK	1	214	23.57	23.79	23.72		
40	QPSK	108	0	22.72	22.77	22.72	24.1	1.0
40	QPSK	108	54	23.63	23.78	23.62	25.1	0.0
40	QPSK	108	108	22.68	22.84	22.58	24.1	1.0
40	QPSK	216	0	22.73	22.90	22.83		
40	16QAM	1	1	22.82	22.91	22.80	24.1	1.0
40	64QAM	1	1	21.17	21.20	21.04	22.6	2.5
40	256QAM	1	1	19.27	19.49	19.38	20.6	4.5
Channel				503000	507000	511000	Tune-up limit	MPR
Frequency (MHz)				2515	2535	2555	(dBm)	(dB)
30	QPSK	1	1	23.77	23.88	23.73	25.1	0.0
Channel				502500	507000	511500	Tune-up limit	MPR
Frequency (MHz)				2512.5	2535	2557.5	(dBm)	(dB)
25	QPSK	1	1	23.76	23.81	23.71	25.1	0.0
Channel				502000	507000	512000	Tune-up limit	MPR
Frequency (MHz)				2510	2535	2560	(dBm)	(dB)
20	PI/2 BPSK	1	1	23.87	23.88	23.78	25.1	0.0
Channel				501500	507000	512500	Tune-up limit	MPR
Frequency (MHz)				2507.5	2535	2562.5	(dBm)	(dB)
15	QPSK	1	1	23.79	23.80	23.72	25.1	0.0
Channel				501000	507000	513000	Tune-up limit	MPR
Frequency (MHz)				2505	2535	2565	(dBm)	(dB)
10	QPSK	1	1	23.81	23.86	23.77	25.1	0.0
Channel				500500	507000	513500	Tune-up limit	MPR
Frequency (MHz)				2502.5	2535	2567.5	(dBm)	(dB)
5	QPSK	1	1	23.87	23.85	23.79	25.1	0.0

n66 Ant0 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				349200	349000	352200		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	24.30	24.36	24.22		
40	PI/2 BPSK	1	108	24.00	24.18	24.08	25.7	0.0
40	PI/2 BPSK	1	214	24.13	24.28	24.20		
40	PI/2 BPSK	108	0	23.63	23.74	23.56	25.2	0.5
40	PI/2 BPSK	108	54	24.09	24.23	24.17	25.7	0.0
40	PI/2 BPSK	108	108	23.72	23.77	23.61	25.2	0.5
40	PI/2 BPSK	216	0	23.66	23.83	23.73		
40	QPSK	1	1	24.27	24.43	24.32		
40	QPSK	1	108	24.27	24.37	24.29	25.7	0.0
40	QPSK	1	214	24.23	24.32	24.24		
40	QPSK	108	0	23.25	23.31	23.17	24.7	1.0
40	QPSK	108	54	24.18	24.21	24.13	25.7	0.0
40	QPSK	108	108	23.22	23.31	23.24	24.7	1.0
40	QPSK	216	0	23.18	23.34	23.24		
40	16QAM	1	1	23.16	23.21	23.11	24.7	1.0
40	64QAM	1	1	21.84	22.01	21.92	23.2	2.5
40	256QAM	1	1	19.66	19.82	19.74	21.2	4.5
Channel				345000	349000	353000	Tune-up limit	MPR
Frequency (MHz)				1725	1745	1765	(dBm)	(dB)
30	QPSK	1	1	24.20	24.30	24.29	25.7	0.0
Channel				344500	349000	353500	Tune-up limit	MPR
Frequency (MHz)				1722.5	1745	1767.5	(dBm)	(dB)
25	QPSK	1	1	24.19	24.37	24.18	25.7	0.0
Channel				344000	349000	354000	Tune-up limit	MPR
Frequency (MHz)				1720	1745	1770	(dBm)	(dB)
20	QPSK	1	1	24.10	24.34	24.18	25.7	0.0
Channel				343500	349000	354500	Tune-up limit	MPR
Frequency (MHz)				1717.5	1745	1772.5	(dBm)	(dB)
15	QPSK	1	1	24.12	24.29	24.23	25.7	0.0
Channel				343000	349000	355000	Tune-up limit	MPR
Frequency (MHz)				1715	1745	1775	(dBm)	(dB)
10	QPSK	1	1	24.24	24.31	24.23	25.7	0.0
Channel				342500	349000	355500	Tune-up limit	MPR
Frequency (MHz)				1712.5	1745	1777.5	(dBm)	(dB)
5	QPSK	1	1	24.18	24.28	24.26	25.7	0.0

n71 Ant0 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				134600	136100	137600		
Frequency (MHz)				673	680.5	688		
20	PI/2 BPSK	1	1	24.72	24.77	24.73		
20	PI/2 BPSK	1	53	24.66	24.70	24.57	25.7	0.0
20	PI/2 BPSK	1	104	24.50	24.63	24.56		
20	PI/2 BPSK	50	0	24.17	24.25	24.19	25.2	0.5
20	PI/2 BPSK	50	28	24.63	24.99	24.54	25.7	0.0
20	PI/2 BPSK	50	56	24.18	24.22	24.10	25.2	0.5
20	PI/2 BPSK	100	0	24.17	24.27	24.22		
20	QPSK	1	1	24.75	24.80	24.68		
20	QPSK	1	53	24.71	24.76	24.68	25.7	0.0
20	QPSK	1	104	24.52	24.66	24.55		
20	QPSK	50	0	23.77	23.82	23.76	24.7	1.0
20	QPSK	50	28	24.68	24.75	24.72	25.7	0.0
20	QPSK	50	56	23.57	23.68	23.62	24.7	1.0
20	QPSK	100	0	23.70	23.77	23.71		
20	16QAM	1	1	23.80	23.88	23.79	24.7	1.0
20	64QAM	1	1	22.05	22.19	22.14	23.2	2.5
20	256QAM	1	1	20.14	20.20	20.13	21.2	4.5
Channel				134100	136100	138100	Tune-up limit	MPR
Frequency (MHz)				670.5	680.5	690.5	(dBm)	(dB)
15	QPSK	1	1	24.73	24.86	24.64	25.7	0.0
Channel				133600	136100	138600	Tune-up limit	MPR
Frequency (MHz)				668	680.5	693	(dBm)	(dB)
10	QPSK	1	1	24.77	24.82	24.65	25.7	0.0
Channel				133100	136100	139100	Tune-up limit	MPR
Frequency (MHz)				665.5	680.5	695.5	(dBm)	(dB)
5	QPSK	1	1	24.76	24.84	24.68	25.7	0.0

n38 Ant0 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	23.49	23.56	23.51	24.7	0.0
40	PI/2 BPSK	1	53	23.36	23.46	23.28		
40	PI/2 BPSK	1	104	23.25	23.44	23.34		
40	PI/2 BPSK	50	0	22.84	22.93	23.01	24.2	0.5
40	PI/2 BPSK	50	28	23.17	23.35	23.16	24.7	0.0
40	PI/2 BPSK	50	56	22.66	22.76	22.73	24.2	0.5
40	PI/2 BPSK	100	0	22.87	23.04	22.74		
40	QPSK	1	1	23.52	23.69	23.54	24.7	0.0
40	QPSK	1	53	23.08	23.20	23.31		
40	QPSK	1	104	23.28	23.48	23.08		
40	QPSK	50	0	22.49	22.64	22.39	23.7	1.0
40	QPSK	50	28	23.41	23.58	23.36	24.7	0.0
40	QPSK	50	56	22.27	22.44	22.18	23.7	1.0
40	QPSK	100	0	22.42	22.49	22.24		
40	16QAM	1	1	22.50	22.41	22.34	23.7	1.0
40	64QAM	1	1	21.06	21.13	21.22	22.2	2.5
40	256QAM	1	1	19.26	19.36	19.11	20.2	4.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	23.54	23.51	23.36	24.7	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	23.35	23.44	23.45	24.7	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	23.36	23.63	23.34	24.7	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	23.37	23.57	23.47	24.7	0.0

n41 Ant0 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	24.07	24.12	23.98	25.0	0.0
100	PI/2 BPSK	1	137	23.86	23.98	23.81		
100	PI/2 BPSK	1	271	23.74	23.81	23.74		
100	PI/2 BPSK	135	0	23.47	23.61	23.51	24.5	0.5
100	PI/2 BPSK	135	69	23.88	23.99	23.94	25.0	0.0
100	PI/2 BPSK	135	138	23.20	23.28	23.22	24.5	0.5
100	PI/2 BPSK	270	0	23.43	23.48	23.43		
100	QPSK	1	1	24.16	24.18	24.07	25.0	0.0
100	QPSK	1	137	23.78	23.95	23.84		
100	QPSK	1	271	23.55	23.72	23.55		
100	QPSK	135	0	23.00	23.05	22.93	24.0	1.0
100	QPSK	135	69	23.86	23.98	23.95	25.0	0.0
100	QPSK	135	138	22.70	22.88	22.82	24.0	1.0
100	QPSK	270	0	22.80	22.94	22.91		
100	16QAM	1	1	22.55	22.71	22.61	24.0	1.0
100	64QAM	1	1	21.52	21.65	21.59	22.5	2.5
100	256QAM	1	1	19.61	19.69	19.63	20.5	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	24.06	24.06	23.95	25.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	23.99	24.15	24.04	25.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	24.08	24.07	23.92	25.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	24.13	24.12	23.95	25.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	24.13	24.08	23.91	25.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	24.06	24.04	24.03	25.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	24.03	24.13	23.96	25.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	23.98	24.02	23.92	25.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	24.06	24.09	24.04	25.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	24.04	24.15	23.92	25.0	0.0

n5 Ant1 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	24.17	24.25	24.21	25.7	0.0
20	PI/2 BPSK	1	53	24.08	24.17	24.02		
20	PI/2 BPSK	1	104	23.99	24.11	24.05		
20	PI/2 BPSK	50	0	23.65	23.68	23.61	25.2	0.5
20	PI/2 BPSK	50	28	24.12	24.26	24.19	25.7	0.0
20	PI/2 BPSK	50	56	23.63	23.62	23.58	25.2	0.5
20	PI/2 BPSK	100	0	23.61	23.74	23.58		
20	QPSK	1	1	24.29	24.33	24.28	25.7	0.0
20	QPSK	1	53	24.16	24.31	24.23		
20	QPSK	1	104	24.01	24.13	23.99		
20	QPSK	50	0	23.03	23.17	23.07	24.7	1.0
20	QPSK	50	28	24.15	24.24	24.18	25.7	0.0
20	QPSK	50	56	22.95	23.07	23.00	24.7	1.0
20	QPSK	100	0	23.09	23.18	23.12		
20	16QAM	1	1	23.05	23.17	23.06	24.7	1.0
20	64QAM	1	1	21.81	21.93	21.93	23.2	2.5
20	256QAM	1	1	19.85	19.94	19.83	21.2	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	24.15	24.25	24.17	25.7	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	24.19	24.15	24.21	25.7	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	24.24	24.23	24.14	25.7	0.0

n71 Ant1 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				134600	136100	137600		
Frequency (MHz)				673	680.5	688		
20	PI/2 BPSK	1	1	24.41	24.46	24.30	25.7	0.0
20	PI/2 BPSK	1	53	24.35	24.44	24.29		
20	PI/2 BPSK	1	104	24.20	24.35	24.28		
20	PI/2 BPSK	50	0	23.80	23.94	23.77	25.2	0.5
20	PI/2 BPSK	50	28	24.38	24.42	24.37	25.7	0.0
20	PI/2 BPSK	50	56	23.77	23.90	23.80	25.2	0.5
20	PI/2 BPSK	100	0	23.86	23.94	23.85		
20	QPSK	1	1	24.38	24.51	24.44	25.7	0.0
20	QPSK	1	53	24.32	24.42	24.38		
20	QPSK	1	104	24.36	24.43	24.41		
20	QPSK	50	0	23.33	23.43	23.32	24.7	1.0
20	QPSK	50	28	24.44	24.49	24.39	25.7	0.0
20	QPSK	50	56	23.35	23.41	23.37	24.7	1.0
20	QPSK	100	0	23.31	23.49	23.36		
20	16QAM	1	1	23.37	23.55	23.45	24.7	1.0
20	64QAM	1	1	21.87	21.97	21.94	23.2	2.5
20	256QAM	1	1	19.95	20.01	19.87	21.2	4.5
Channel				134100	136100	138100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	1	24.35	24.44	24.38	25.7	0.0
Channel				133600	136100	138600	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	680.5	693		
10	QPSK	1	1	24.28	24.36	24.29	25.7	0.0
Channel				133100	136100	139100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	680.5	695.5		
5	QPSK	1	1	24.28	24.48	24.34	25.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel			650000	656000	662000		
	Frequency (MHz)			3750	3840	3930		
100	PI/2 BPSK	1	1	18.52	18.69	18.81		
100	PI/2 BPSK	1	137	18.68	18.72	18.64	20.5	0.0
100	PI/2 BPSK	1	271	18.64	18.67	18.61		
100	PI/2 BPSK	135	0	18.57	18.67	18.52	20.5	0.0
100	PI/2 BPSK	135	69	18.57	18.65	18.52	20.5	0.0
100	PI/2 BPSK	135	138	18.61	18.74	18.64	20.5	0.0
100	PI/2 BPSK	270	0	18.61	18.63	18.59		
100	QPSK	1	1	18.61	18.76	18.74		
100	QPSK	1	137	18.61	18.73	18.57	20.5	0.0
100	QPSK	1	271	18.55	18.67	18.62		
100	QPSK	135	0	18.64	18.69	18.59	20.5	0.0
100	QPSK	135	69	18.58	18.73	18.67	20.5	0.0
100	QPSK	135	138	18.61	18.67	18.51	20.5	0.0
100	QPSK	270	0	18.61	18.69	18.55		
100	16QAM	1	1	18.58	18.68	18.57	20.5	0.0
100	64QAM	1	1	18.51	18.63	18.57	20.5	0.0
100	256QAM	1	1	18.52	18.61	18.51	20.5	0.0
	Channel			648668	656000	663334	Tune-up limit	MPR
	Frequency (MHz)			3745.02	3840	3935.01	(dBm)	(dB)
90	QPSK	1	1	18.52	18.68	18.70	20.5	0.0
	Channel			649334	656000	662668	Tune-up limit	MPR
	Frequency (MHz)			3740.01	3840	3940.02	(dBm)	(dB)
80	QPSK	1	1	18.70	18.65	18.66	20.5	0.0
	Channel			649000	656000	663000	Tune-up limit	MPR
	Frequency (MHz)			3735	3840	3945	(dBm)	(dB)
70	QPSK	1	1	18.73	18.69	18.68	20.5	0.0
	Channel			648668	656000	663334	Tune-up limit	MPR
	Frequency (MHz)			3730.02	3840	3950.01	(dBm)	(dB)
60	QPSK	1	1	18.69	18.74	18.71	20.5	0.0
	Channel			649334	656000	662668	Tune-up limit	MPR
	Frequency (MHz)			3725.01	3840	3955.02	(dBm)	(dB)
50	QPSK	1	1	18.71	18.72	18.70	20.5	0.0
	Channel			649000	656000	663000	Tune-up limit	MPR
	Frequency (MHz)			3720	3840	3960	(dBm)	(dB)
40	QPSK	1	1	18.71	18.73	18.71	20.5	0.0
	Channel			647668	656000	664334	Tune-up limit	MPR
	Frequency (MHz)			3715.02	3840	3965.01	(dBm)	(dB)
30	QPSK	1	1	18.53	18.68	18.61	20.5	0.0
	Channel			647334	656000	664668	Tune-up limit	MPR
	Frequency (MHz)			3710.01	3840	3970.02	(dBm)	(dB)
20	QPSK	1	1	18.58	18.64	18.64	20.5	0.0
	Channel			647168	656000	664334	Tune-up limit	MPR
	Frequency (MHz)			3707.52	3840	3972.51	(dBm)	(dB)
15	QPSK	1	1	18.75	18.65	18.61	20.5	0.0
	Channel			647000	656000	665000	Tune-up limit	MPR
	Frequency (MHz)			3705	3840	3975	(dBm)	(dB)
10	QPSK	1	1	18.70	18.72	18.68	20.5	0.0

PC2 Part27O n77 Ant1 DSI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel			650000	656000	662000		
	Frequency (MHz)			3750	3840	3930		
100	PI/2 BPSK	1	1	21.61	21.70	21.54		
100	PI/2 BPSK	1	137	21.57	21.61	21.52	23.5	0.0
100	PI/2 BPSK	1	271	21.52	21.62	21.53		
100	PI/2 BPSK	135	0	21.58	21.61	21.53	23.5	0.0
100	PI/2 BPSK	135	69	21.51	21.65	21.62	23.5	0.0
100	PI/2 BPSK	135	138	21.63	21.69	21.55	23.5	0.0
100	PI/2 BPSK	270	0	21.55	21.65	21.60		
100	QPSK	1	1	21.65	21.73	21.63		
100	QPSK	1	137	21.61	21.66	21.57	23.5	0.0
100	QPSK	1	271	21.61	21.70	21.58		
100	QPSK	135	0	21.58	21.65	21.51	23.5	0.0
100	QPSK	135	69	21.66	21.69	21.59	23.5	0.0
100	QPSK	135	138	21.57	21.63	21.56	23.5	0.0
100	QPSK	270	0	21.55	21.67	21.55	23.5	0.0
100	16QAM	1	1	21.53	21.69	21.58		
100	64QAM	1	1	21.52	21.66	21.57	23.5	0.0
100	256QAM	1	1	20.58	20.61	20.56	22.5	1.0
	Channel			648668	656000	663334	Tune-up limit	MPR
	Frequency (MHz)			3745.02	3840	3935.01	(dBm)	(dB)
90	QPSK	1	1	21.56	21.71	21.56	23.5	0.0
	Channel			649334	656000	662668	Tune-up limit	MPR
	Frequency (MHz)			3740.01	3840	3940.02	(dBm)	(dB)
80	QPSK	1	1	21.51	21.64	21.56	23.5	0.0
	Channel			649000	656000	663000	Tune-up limit	MPR
	Frequency (MHz)			3735	3840	3945	(dBm)	(dB)
70	QPSK	1	1	21.58	21.71	21.58	23.5	0.0
	Channel			648668	656000	663334	Tune-up limit	MPR
	Frequency (MHz)			3730.02	3840	3950.01	(dBm)	(dB)
60	QPSK	1	1	21.56	21.60	21.58	23.5	0.0
	Channel			649334	656000	662668	Tune-up limit	MPR
	Frequency (MHz)			3725.01	3840	3955.02	(dBm)	(dB)
50	QPSK	1	1	21.63	21.65	21.61	23.5	0.0
	Channel			649000	656000	663000	Tune-up limit	MPR
	Frequency (MHz)			3720	3840	3960	(dBm)	(dB)
40	QPSK	1	1	21.59	21.69	21.60	23.5	0.0
	Channel			647668	656000	664334	Tune-up limit	MPR
	Frequency (MHz)			3715.02	3840	3965.01	(dBm)	(dB)
30	QPSK	1	1	21.56	21.66	21.57	23.5	0.0
	Channel			647334	656000	664668	Tune-up limit	MPR
	Frequency (MHz)			3710.01	3840	3970.02	(dBm)	(dB)
20	QPSK	1	1	21.60	21.71	21.54	23.5	0.0
	Channel			647168	656000	664334	Tune-up limit	MPR
	Frequency (MHz)			3707.52	3840	3972.51	(dBm)	(dB)
15	QPSK	1	1	21.59	21.61	21.52	23.5	0.0
	Channel			647000	656000	665000	Tune-up limit	MPR
	Frequency (MHz)			3705	3840	3975	(dBm)	(dB)
10	QPSK	1	1	21.58	21.71	21.59	23.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel				633334			
	Frequency (MHz)				3500.01			
100	PI/2 BPSK	1	1		18.62			
100	PI/2 BPSK	1	137		18.51		20.5	0.0
100	PI/2 BPSK	1	271		18.55			
100	PI/2 BPSK	135	0		18.53		20.5	0.0
100	PI/2 BPSK	135	69		18.59		20.5	0.0
100	PI/2 BPSK	135	138		18.54		20.5	0.0
100	PI/2 BPSK	270	0		18.54			
100	QPSK	1	1		18.67			
100	QPSK	1	137		18.64		20.5	0.0
100	QPSK	1	271		18.61			
100	QPSK	135	0		18.51		20.5	0.0
100	QPSK	135	69		18.53		20.5	0.0
100	QPSK	135	138		18.51		20.5	0.0
100	QPSK	270	0		18.61			
100	16QAM	1	1		18.54		20.5	0.0
100	64QAM	1	1		18.62		20.5	0.0
100	256QAM	1	1		18.51		20.5	0.0
	Channel			633000	633334	633668	Tune-up limit	MPR
	Frequency (MHz)			3495	3500.01	3505.02	(dBm)	(dB)
90	QPSK	1	1	18.55	18.54	18.53	20.5	0.0
	Channel			632668	633334	634002	Tune-up limit	MPR
	Frequency (MHz)			3490.02	3500.01	3510	(dBm)	(dB)
80	QPSK	1	1	18.54	18.55	18.57	20.5	0.0
	Channel			632334	633334	634334	Tune-up limit	MPR
	Frequency (MHz)			3485.01	3500.01	3515.01	(dBm)	(dB)
70	QPSK	1	1	18.51	18.54	18.53	20.5	0.0
	Channel			632000	633334	634668	Tune-up limit	MPR
	Frequency (MHz)			3480	3500.01	3520.02	(dBm)	(dB)
60	QPSK	1	1	18.53	18.55	18.55	20.5	0.0
	Channel			631668	633334	635002	Tune-up limit	MPR
	Frequency (MHz)			3475.02	3500.01	3525	(dBm)	(dB)
50	QPSK	1	1	18.53	18.57	18.55	20.5	0.0
	Channel			631334	633334	635334	Tune-up limit	MPR
	Frequency (MHz)			3470.01	3500.01	3530.01	(dBm)	(dB)
40	QPSK	1	1	18.51	18.58	18.55	20.5	0.0
	Channel			631000	633334	635668	Tune-up limit	MPR
	Frequency (MHz)			3465	3500.01	3535.02	(dBm)	(dB)
30	QPSK	1	1	18.54	18.58	18.55	20.5	0.0
	Channel			630668	633334	636002	Tune-up limit	MPR
	Frequency (MHz)			3460.02	3500.01	3540	(dBm)	(dB)
20	QPSK	1	1	18.55	18.56	18.52	20.5	0.0
	Channel			630334	633334	636668	Tune-up limit	MPR
	Frequency (MHz)			3457.5	3500.01	3542.52	(dBm)	(dB)
15	QPSK	1	1	18.53	18.54	18.56	20.5	0.0
	Channel			630334	633334	636334	Tune-up limit	MPR
	Frequency (MHz)			3455.01	3500.01	3545.01	(dBm)	(dB)
10	QPSK	1	1	18.53	18.53	18.52	20.5	0.0

PC2 Part27Q n77 Ant1 DSI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel				633334			
	Frequency (MHz)				3500.01			
100	PI/2 BPSK	1	1		21.56			
100	PI/2 BPSK	1	137		21.59		23.5	0.0
100	PI/2 BPSK	1	271		21.53			
100	PI/2 BPSK	135	0		21.51		23.5	0.0
100	PI/2 BPSK	135	69		21.56		23.5	0.0
100	PI/2 BPSK	135	138		21.57		23.5	0.0
100	PI/2 BPSK	270	0		21.58			
100	QPSK	1	1		21.63			
100	QPSK	1	137		21.61		23.5	0.0
100	QPSK	1	271		21.58			
100	QPSK	135	0		21.59		23.5	0.0
100	QPSK	135	69		21.61		23.5	0.0
100	QPSK	135	138		21.63		23.5	0.0
100	QPSK	270	0		21.55			
100	16QAM	1	1		21.58		23.5	0.0
100	64QAM	1	1		21.59		23.5	0.0
100	256QAM	1	1		20.55		22.5	1.0
	Channel			633000	633334	633668	Tune-up limit	MPR
	Frequency (MHz)			3495	3500.01	3505.02	(dBm)	(dB)
90	QPSK	1	1	21.52	21.51	21.59	23.5	0.0
	Channel			632668	633334	634002	Tune-up limit	MPR
	Frequency (MHz)			3490.02	3500.01	3510	(dBm)	(dB)
80	QPSK	1	1	21.54	21.52	21.53	23.5	0.0
	Channel			632334	633334	634334	Tune-up limit	MPR
	Frequency (MHz)			3485.01	3500.01	3515.01	(dBm)	(dB)
70	QPSK	1	1	21.52	21.53	21.51	23.5	0.0
	Channel			632002	633334	634668	Tune-up limit	MPR
	Frequency (MHz)			3480	3500.01	3520.02	(dBm)	(dB)
60	QPSK	1	1	21.55	21.51	21.57	23.5	0.0
	Channel			631668	633334	635002	Tune-up limit	MPR
	Frequency (MHz)			3475.02	3500.01	3525	(dBm)	(dB)
50	QPSK	1	1	21.57	21.51	21.54	23.5	0.0
	Channel			631334	633334	635334	Tune-up limit	MPR
	Frequency (MHz)			3470.01	3500.01	3530.01	(dBm)	(dB)
40	QPSK	1	1	21.57	21.60	21.58	23.5	0.0
	Channel			631002	633334	635668	Tune-up limit	MPR
	Frequency (MHz)			3465	3500.01	3535.02	(dBm)	(dB)
30	QPSK	1	1	21.51	21.55	21.55	23.5	0.0
	Channel			630668	633334	636002	Tune-up limit	MPR
	Frequency (MHz)			3460.02	3500.01	3540	(dBm)	(dB)
20	QPSK	1	1	21.54	21.58	21.51	23.5	0.0
	Channel			630334	633334	636668	Tune-up limit	MPR
	Frequency (MHz)			3457.5	3500.01	3542.52	(dBm)	(dB)
15	QPSK	1	1	21.55	21.57	21.53	23.5	0.0
	Channel			630334	633334	636334	Tune-up limit	MPR
	Frequency (MHz)			3455.01	3500.01	3545.01	(dBm)	(dB)
10	QPSK	1	1	21.57	21.60	21.52	23.5	0.0

PC3 Part27O n78 Ant1 DSI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
		Channel		650000	650000	650000		
		Frequency (MHz)		3750	3750	3750		
100	PI/2 BPSK	1	1		20.71			
100	PI/2 BPSK	1	137		20.73		22.5	0.0
100	PI/2 BPSK	1	271		20.63			
100	PI/2 BPSK	135	0		20.74		22.5	0.0
100	PI/2 BPSK	135	69		20.70		22.5	0.0
100	PI/2 BPSK	135	138		20.64		22.5	0.0
100	PI/2 BPSK	270	0		20.68			
100	QPSK	1	1		20.79		22.5	0.0
100	QPSK	1	137		20.67			
100	QPSK	1	271		20.72			
100	QPSK	135	0		20.72		22.5	0.0
100	QPSK	135	69		20.73		22.5	0.0
100	QPSK	135	138		20.70		22.5	0.0
100	QPSK	270	0		20.69		22.5	0.0
100	16QAM	1	1		20.69		22.5	0.0
100	64QAM	1	1		20.66		22.5	0.0
100	256QAM	1	1		19.72		21.5	1.0
		Channel		649668	650334	650334	Tune-up limit	MPR
		Frequency (MHz)		3745.02	3750	3755.01	(dBm)	(dB)
90	QPSK	1	1	20.63	20.68	20.63	22.5	0.0
		Channel		649334	650002	650668	Tune-up limit	MPR
		Frequency (MHz)		3740.01	3750	3760.02	(dBm)	(dB)
80	QPSK	1	1	20.66	20.76	20.55	22.5	0.0
		Channel		649002	650002	651002	Tune-up limit	MPR
		Frequency (MHz)		3735	3750	3765	(dBm)	(dB)
70	QPSK	1	1	20.56	20.73	20.70	22.5	0.0
		Channel		648668	650002	651334	Tune-up limit	MPR
		Frequency (MHz)		3730.02	3750	3770.01	(dBm)	(dB)
60	QPSK	1	1	20.61	20.76	20.61	22.5	0.0
		Channel		648334	650002	651668	Tune-up limit	MPR
		Frequency (MHz)		3725.01	3750	3775.02	(dBm)	(dB)
50	QPSK	1	1	20.63	20.72	20.56	22.5	0.0
		Channel		648002	650002	652002	Tune-up limit	MPR
		Frequency (MHz)		3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	20.66	20.76	20.65	22.5	0.0
		Channel		647668	650002	652334	Tune-up limit	MPR
		Frequency (MHz)		3715.02	3750	3785.01	(dBm)	(dB)
30	QPSK	1	1	20.56	20.72	20.69	22.5	0.0
		Channel		647334	650002	652668	Tune-up limit	MPR
		Frequency (MHz)		3710.01	3750	3790.02	(dBm)	(dB)
20	QPSK	1	1	20.65	20.66	20.57	22.5	0.0
		Channel		647168	650002	652334	Tune-up limit	MPR
		Frequency (MHz)		3707.52	3750	3792.51	(dBm)	(dB)
15	QPSK	1	1	20.62	20.63	20.59	22.5	0.0
		Channel		647002	650002	653002	Tune-up limit	MPR
		Frequency (MHz)		3705	3750	3795	(dBm)	(dB)
10	QPSK	1	1	20.55	20.62	20.63	22.5	0.0

PC2 Part27O n78 Ant1 DSI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
		Channel		650000	650000	650000		
		Frequency (MHz)		3750	3750	3750		
100	PI/2 BPSK	1	1		23.71			
100	PI/2 BPSK	1	137		23.63		25.5	0.0
100	PI/2 BPSK	1	271		23.74			
100	PI/2 BPSK	135	0		23.67		25.5	0.0
100	PI/2 BPSK	135	69		23.86		25.5	0.0
100	PI/2 BPSK	135	138		23.69		25.5	0.0
100	PI/2 BPSK	270	0		23.73			
100	QPSK	1	1		23.78		25.5	0.0
100	QPSK	1	137		23.69			
100	QPSK	1	271		23.74			
100	QPSK	135	0		23.64		25.5	0.0
100	QPSK	135	69		23.69		25.5	0.0
100	QPSK	135	138		23.63		25.5	0.0
100	QPSK	270	0		23.72		25.5	0.0
100	16QAM	1	1		23.73		25.5	0.0
100	64QAM	1	1		22.75		24.5	1.0
100	256QAM	1	1		20.79		22.5	3.0
		Channel		649668	650002	650334	Tune-up limit	MPR
		Frequency (MHz)		3745.02	3750	3755.01	(dBm)	(dB)
90	QPSK	1	1	23.71	23.67	23.55	25.5	0.0
		Channel		649334	650002	650668	Tune-up limit	MPR
		Frequency (MHz)		3740.01	3750	3760.02	(dBm)	(dB)
80	QPSK	1	1	23.72	23.69	23.63	25.5	0.0
		Channel		649002	650002	651002	Tune-up limit	MPR
		Frequency (MHz)		3735	3750	3765	(dBm)	(dB)
70	QPSK	1	1	23.58	23.71	23.58	25.5	0.0
		Channel		648668	650002	651334	Tune-up limit	MPR
		Frequency (MHz)		3730.02	3750	3770.01	(dBm)	(dB)
60	QPSK	1	1	23.61	23.65	23.57	25.5	0.0
		Channel		648334	650002	651668	Tune-up limit	MPR
		Frequency (MHz)		3725.01	3750	3775.02	(dBm)	(dB)
50	QPSK	1	1	23.72	23.74	23.65	25.5	0.0
		Channel		648002	650002	652002	Tune-up limit	MPR
		Frequency (MHz)		3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	23.60	23.62	23.60	25.5	0.0
		Channel		647668	650002	652334	Tune-up limit	MPR
		Frequency (MHz)		3715.02	3750	3785.01	(dBm)	(dB)
30	QPSK	1	1	23.69	23.68	23.68	25.5	0.0
		Channel		647334	650002	652668	Tune-up limit	MPR
		Frequency (MHz)		3710.01	3750	3790.02	(dBm)	(dB)
20	QPSK	1	1	23.65	23.72	23.56	25.5	0.0
		Channel		647168	650002	652334	Tune-up limit	MPR
		Frequency (MHz)		3707.52	3750	3792.51	(dBm)	(dB)
15	QPSK	1	1	23.65	23.62	23.65	25.5	0.0
		Channel		647002	650002	653002	Tune-up limit	MPR
		Frequency (MHz)		3705	3750	3795	(dBm)	(dB)
10	QPSK	1	1	23.60	23.76	23.66	25.5	0.0

PC3 Part27Q n78 Ant1 DSI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
		Channel			633334			
		Frequency (MHz)			3500.01			
100	PI/2 BPSK	1	1		20.65			
100	PI/2 BPSK	1	137		20.51		22.5	0.0
100	PI/2 BPSK	1	271		20.53			
100	PI/2 BPSK	135	0		20.55		22.5	0.0
100	PI/2 BPSK	135	69		20.64		22.5	0.0
100	PI/2 BPSK	135	138		20.57		22.5	0.0
100	PI/2 BPSK	270	0		20.60			
100	QPSK	1	1		20.67		22.5	0.0
100	QPSK	1	137		20.64			
100	QPSK	1	271		20.54			
100	QPSK	135	0		20.56		22.5	0.0
100	QPSK	135	69		20.59		22.5	0.0
100	QPSK	135	138		20.55		22.5	0.0
100	QPSK	270	0		20.56		22.5	0.0
100	16QAM	1	1		20.51		22.5	0.0
100	64QAM	1	1		20.56		22.5	0.0
100	256QAM	1	1		19.51		21.5	1.0
		Channel		633000	633334	633668	Tune-up limit	MPR
		Frequency (MHz)		3495	3500.01	3505.02	(dBm)	(dB)
90	QPSK	1	1	20.52	20.57	20.57	22.5	0.0
		Channel		632668	633334	634002	Tune-up limit	MPR
		Frequency (MHz)		3490.02	3500.01	3510	(dBm)	(dB)
80	QPSK	1	1	20.51	20.55	20.53	22.5	0.0
		Channel		632334	633334	634334	Tune-up limit	MPR
		Frequency (MHz)		3485.01	3500.01	3515.01	(dBm)	(dB)
70	QPSK	1	1	20.54	20.53	20.52	22.5	0.0
		Channel		632002	633334	634668	Tune-up limit	MPR
		Frequency (MHz)		3480	3500.01	3520.02	(dBm)	(dB)
60	QPSK	1	1	20.53	20.56	20.56	22.5	0.0
		Channel		631668	633334	635002	Tune-up limit	MPR
		Frequency (MHz)		3475.02	3500.01	3525	(dBm)	(dB)
50	QPSK	1	1	20.53	20.57	20.55	22.5	0.0
		Channel		631334	633334	635334	Tune-up limit	MPR
		Frequency (MHz)		3470.01	3500.01	3530.01	(dBm)	(dB)
40	QPSK	1	1	20.51	20.58	20.55	22.5	0.0
		Channel		631002	633334	635668	Tune-up limit	MPR
		Frequency (MHz)		3465	3500.01	3535.02	(dBm)	(dB)
30	QPSK	1	1	20.55	20.52	20.57	22.5	0.0
		Channel		630668	633334	636002	Tune-up limit	MPR
		Frequency (MHz)		3460.02	3500.01	3540	(dBm)	(dB)
20	QPSK	1	1	20.52	20.53	20.56	22.5	0.0
		Channel		630334	633334	636668	Tune-up limit	MPR
		Frequency (MHz)		3457.5	3500.01	3542.52	(dBm)	(dB)
15	QPSK	1	1	20.55	20.56	20.53	22.5	0.0
		Channel		630334	633334	636334	Tune-up limit	MPR
		Frequency (MHz)		3455.01	3500.01	3545.01	(dBm)	(dB)
10	QPSK	1	1	20.54	20.55	20.52	22.5	0.0

PC2 Part27Q n78 Ant1 DSI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
		Channel			633334			
		Frequency (MHz)			3500.01			
100	PI/2 BPSK	1	1		23.63			
100	PI/2 BPSK	1	137		23.60		25.5	0.0
100	PI/2 BPSK	1	271		23.55			
100	PI/2 BPSK	135	0		23.63		25.5	0.0
100	PI/2 BPSK	135	69		23.59		25.5	0.0
100	PI/2 BPSK	135	138		23.54		25.5	0.0
100	PI/2 BPSK	270	0		23.51			
100	QPSK	1	1		23.65		25.5	0.0
100	QPSK	1	137		23.57			
100	QPSK	1	271		23.63			
100	QPSK	135	0		23.59		25.5	0.0
100	QPSK	135	69		23.63		25.5	0.0
100	QPSK	135	138		23.58		25.5	0.0
100	QPSK	270	0		23.55		25.5	0.0
100	16QAM	1	1		23.62		25.5	0.0
100	64QAM	1	1		22.59		24.5	1.0
100	256QAM	1	1		20.61		22.5	3.0
		Channel		633000	633334	633668	Tune-up limit	MPR
		Frequency (MHz)		3495	3500.01	3505.02	(dBm)	(dB)
90	QPSK	1	1	23.57	23.60	23.51	25.5	0.0
		Channel		632668	633334	634002	Tune-up limit	MPR
		Frequency (MHz)		3490.02	3500.01	3510	(dBm)	(dB)
80	QPSK	1	1	23.57	23.58	23.53	25.5	0.0
		Channel		632334	633334	634334	Tune-up limit	MPR
		Frequency (MHz)		3485.01	3500.01	3515.01	(dBm)	(dB)
70	QPSK	1	1	23.56	23.51	23.55	25.5	0.0
		Channel		632002	633334	634668	Tune-up limit	MPR
		Frequency (MHz)		3480	3500.01	3520.02	(dBm)	(dB)
60	QPSK	1	1	23.51	23.62	23.53	25.5	0.0
		Channel		631668	633334	635002	Tune-up limit	MPR
		Frequency (MHz)		3475.02	3500.01	3525	(dBm)	(dB)
50	QPSK	1	1	23.53	23.59	23.52	25.5	0.0
		Channel		631334	633334	635334	Tune-up limit	MPR
		Frequency (MHz)		3470.01	3500.01	3530.01	(dBm)	(dB)
40	QPSK	1	1	23.60	23.59	23.56	25.5	0.0
		Channel		631002	633334	635668	Tune-up limit	MPR
		Frequency (MHz)		3465	3500.01	3535.02	(dBm)	(dB)
30	QPSK	1	1	23.59	23.63	23.58	25.5	0.0
		Channel		630668	633334	636002	Tune-up limit	MPR
		Frequency (MHz)		3460.02	3500.01	3540	(dBm)	(dB)
20	QPSK	1	1	23.60	23.59	23.58	25.5	0.0
		Channel		630002	633334	636668	Tune-up limit	MPR
		Frequency (MHz)		3457.5	3500.01	3542.52	(dBm)	(dB)
15	QPSK	1	1	23.57	23.56	23.55	25.5	0.0
		Channel		630334	633334	636334	Tune-up limit	MPR
		Frequency (MHz)		3455.01	3500.01	3545.01	(dBm)	(dB)
10	QPSK	1	1	23.54	23.61	23.56	25.5	0.0

n7 Ant3 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	25.04	25.05	25.09	25.7	0.0
40	PI/2 BPSK	1	108	25.16	25.05	25.05		
40	PI/2 BPSK	1	214	25.02	25.07	25.11		
40	PI/2 BPSK	108	0	24.46	24.64	24.46	25.2	0.5
40	PI/2 BPSK	108	54	24.95	25.22	25.13	25.7	0.0
40	PI/2 BPSK	108	108	24.51	24.78	24.71	25.2	0.5
40	PI/2 BPSK	216	0	24.66	24.80	24.38		
40	QPSK	1	1	25.02	25.25	25.05	25.7	0.0
40	QPSK	1	108	25.17	25.17	25.04		
40	QPSK	1	214	25.09	24.87	24.84		
40	QPSK	108	0	23.91	24.23	23.98	24.7	1.0
40	QPSK	108	54	24.97	25.21	25.06	25.7	0.0
40	QPSK	108	108	24.02	24.06	23.86	24.7	1.0
40	QPSK	216	0	23.83	24.25	24.07		
40	16QAM	1	1	24.18	24.08	24.18	24.7	1.0
40	64QAM	1	1	22.50	22.66	22.50	23.2	2.5
40	256QAM	1	1	20.50	20.52	20.42	21.2	4.5
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	25.03	25.05	24.91	25.7	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	25.03	25.03	24.94	25.7	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	25.01	25.16	25.00	25.7	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	24.94	25.24	24.95	25.7	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	24.91	25.11	25.09	25.7	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	24.98	25.16	24.92	25.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	25.22	25.21	25.24	25.7	0.0
40	PI/2 BPSK	1	108	25.16	25.24	25.06		
40	PI/2 BPSK	1	214	25.22	25.15	25.10		
40	PI/2 BPSK	108	0	24.71	24.67	24.82	25.2	0.5
40	PI/2 BPSK	108	54	25.21	25.20	25.09	25.7	0.0
40	PI/2 BPSK	108	108	24.88	24.84	24.97	25.2	0.5
40	PI/2 BPSK	216	0	24.62	24.77	24.90		
40	QPSK	1	1	25.14	25.27	25.06	25.7	0.0
40	QPSK	1	108	25.08	25.20	25.11		
40	QPSK	1	214	25.21	25.22	25.22		
40	QPSK	108	0	24.22	24.24	24.21	24.7	1.0
40	QPSK	108	54	25.09	25.18	25.00	25.7	0.0
40	QPSK	108	108	24.19	24.04	23.91	24.7	1.0
40	QPSK	216	0	24.33	24.39	24.32		
40	16QAM	1	1	24.14	24.29	24.12	24.7	1.0
40	64QAM	1	1	22.92	22.82	22.65	23.2	2.5
40	256QAM	1	1	20.53	20.72	20.81	21.2	4.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	24.99	25.13	25.08	25.7	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	25.04	25.09	24.91	25.7	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	24.98	25.18	24.86	25.7	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	25.08	25.11	25.00	25.7	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	25.02	25.18	25.07	25.7	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	24.98	25.17	24.94	25.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	24.98	25.15	25.04		
40	PI/2 BPSK	1	53	24.93	25.11	25.06	25.7	0.0
40	PI/2 BPSK	1	104	25.11	25.19	25.02		
40	PI/2 BPSK	50	0	24.61	24.78	24.75	25.2	0.5
40	PI/2 BPSK	50	28	25.03	25.16	25.01	25.7	0.0
40	PI/2 BPSK	50	56	24.59	24.85	24.53	25.2	0.5
40	PI/2 BPSK	100	0	24.58	24.76	24.52		
40	QPSK	1	1	25.12	25.23	25.18		
40	QPSK	1	53	25.05	25.08	25.04	25.7	0.0
40	QPSK	1	104	25.07	25.17	25.08		
40	QPSK	50	0	24.21	24.26	24.13	24.7	1.0
40	QPSK	50	28	25.05	25.19	25.01	25.7	0.0
40	QPSK	50	56	24.05	24.13	24.05	24.7	1.0
40	QPSK	100	0	24.11	24.21	24.12		
40	16QAM	1	1	24.13	24.27	24.15	24.7	1.0
40	64QAM	1	1	22.62	22.79	22.69	23.2	2.5
40	256QAM	1	1	20.51	20.66	20.60	21.2	4.5
Channel				517702	518000	518998	Tune-up limit	MPR
Frequency (MHz)				2585.01	2595	2604.99	(dBm)	(dB)
30	QPSK	1	1	24.93	25.03	24.99	25.7	0.0
Channel				517600	518000	518200	Tune-up limit	MPR
Frequency (MHz)				2580	2595	2610	(dBm)	(dB)
20	QPSK	1	1	24.90	25.16	25.18	25.7	0.0
Channel				517502	518000	518498	Tune-up limit	MPR
Frequency (MHz)				2577.51	2595	2612.49	(dBm)	(dB)
15	QPSK	1	1	25.06	25.01	25.03	25.7	0.0
Channel				517404	518002	518299	Tune-up limit	MPR
Frequency (MHz)				2575.02	2595	2614.98	(dBm)	(dB)
10	QPSK	1	1	25.09	25.04	25.16	25.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	25.25	25.44	25.40		
100	PI/2 BPSK	1	137	25.06	25.36	25.31	25.7	0.0
100	PI/2 BPSK	1	271	25.27	25.39	25.37		
100	PI/2 BPSK	135	0	24.81	25.00	24.95	25.2	0.5
100	PI/2 BPSK	135	69	25.31	25.48	25.32	25.7	0.0
100	PI/2 BPSK	135	138	24.66	24.89	24.79	25.2	0.5
100	PI/2 BPSK	270	0	24.77	24.91	24.87		
100	QPSK	1	1	25.30	25.51	25.45		
100	QPSK	1	137	25.34	25.46	25.32	25.7	0.0
100	QPSK	1	271	25.05	25.26	25.11		
100	QPSK	135	0	24.12	24.32	24.34	24.7	1.0
100	QPSK	135	69	25.23	25.39	25.27	25.7	0.0
100	QPSK	135	138	24.13	24.37	24.22	24.7	1.0
100	QPSK	270	0	24.15	24.42	24.34		
100	16QAM	1	1	24.12	24.29	24.26	24.7	1.0
100	64QAM	1	1	22.59	22.84	22.83	23.2	2.5
100	256QAM	1	1	20.77	21.02	20.93	21.2	4.5
Channel				508200	518598	528998	Tune-up limit	MPR
Frequency (MHz)				2541	2592.99	2644.98	(dBm)	(dB)
90	QPSK	1	1	25.16	25.38	25.33	25.7	0.0
Channel				507204	518598	529998	Tune-up limit	MPR
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)	(dB)
80	QPSK	1	1	25.27	25.27	25.42	25.7	0.0
Channel				506202	518598	531002	Tune-up limit	MPR
Frequency (MHz)				2531.01	2592.99	2655	(dBm)	(dB)
70	QPSK	1	1	25.11	25.49	25.24	25.7	0.0
Channel				505200	518598	531996	Tuneup limit	MPR
Frequency (MHz)				2526	2592.99	2659.98	(dBm)	(dB)
60	QPSK	1	1	25.07	25.45	25.31	25.7	0.0
Channel				504204	518598	532998	Tuneup limit	MPR
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)	(dB)
50	QPSK	1	1	25.11	25.41	25.37	25.7	0.0
Channel				503202	518598	534000	Tuneup limit	MPR
Frequency (MHz)				2516.01	2592.99	2670	(dBm)	(dB)
40	QPSK	1	1	25.17	25.36	25.26	25.7	0.0
Channel				502200	518598	535998	Tuneup limit	MPR
Frequency (MHz)				2511	2592.99	2674.98	(dBm)	(dB)
30	QPSK	1	1	25.20	25.46	25.34	25.7	0.0
Channel				501204	518598	537996	Tuneup limit	MPR
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)	(dB)
20	QPSK	1	1	25.27	25.48	25.41	25.7	0.0
Channel				500700	518598	536496	Tuneup limit	MPR
Frequency (MHz)				2503.5	2592.99	2682.48	(dBm)	(dB)
15	QPSK	1	1	25.16	25.32	25.26	25.7	0.0
Channel				500202	518598	537000	Tuneup limit	MPR
Frequency (MHz)				2501.01	2592.99	2685	(dBm)	(dB)
10	QPSK	1	1	25.24	25.44	25.21	25.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
			Channel	650000	656000	662000		
			Frequency (MHz)	3750	3840	3930		
100	PI/2 BPSK	1	1	22.04	22.11	22.06		
100	PI/2 BPSK	1	137	22.02	22.03	21.91	23.5	0.0
100	PI/2 BPSK	1	271	21.95	22.01	21.99		
100	PI/2 BPSK	135	0	21.86	21.91	21.79	23.5	0.0
100	PI/2 BPSK	135	69	21.93	22.07	21.98	23.5	0.0
100	PI/2 BPSK	135	138	21.71	21.80	21.70	23.5	0.0
100	PI/2 BPSK	270	0	21.84	21.75	21.86		
100	QPSK	1	1	22.01	22.17	22.08		
100	QPSK	1	137	22.11	22.13	22.09	23.5	0.0
100	QPSK	1	271	22.02	22.00	22.04		
100	QPSK	135	0	21.81	22.02	21.89	23.5	0.0
100	QPSK	135	69	22.03	22.07	21.91	23.5	0.0
100	QPSK	135	138	21.98	21.94	21.83	23.5	0.0
100	QPSK	270	0	21.93	21.94	21.79	23.5	0.0
100	16QAM	1	1	21.86	21.99	21.78	23.5	0.5
100	64QAM	1	1	21.33	21.49	21.40	23.0	0.5
100	256QAM	1	1	19.39	19.56	19.34	21.0	2.5
			Channel	649668	656032	662334	Tune-up limit	MPR
			Frequency (MHz)	3745.02	3840	3935.01	(dBm)	(dB)
90	QPSK	1	1	21.89	22.04	22.00	23.5	0.0
			Channel	649334	656002	662668	Tune-up limit	MPR
			Frequency (MHz)	3740.01	3840	3940.02	(dBm)	(dB)
80	QPSK	1	1	21.98	22.07	21.95	23.5	0.0
			Channel	649000	656002	663002	Tune-up limit	MPR
			Frequency (MHz)	3735	3840	3945	(dBm)	(dB)
70	QPSK	1	1	21.95	22.10	21.94	23.5	0.0
			Channel	649668	656032	662334	Tune-up limit	MPR
			Frequency (MHz)	3730.02	3840	3950.01	(dBm)	(dB)
60	QPSK	1	1	21.97	22.12	21.97	23.5	0.0
			Channel	649334	656002	662668	Tune-up limit	MPR
			Frequency (MHz)	3725.01	3840	3955.02	(dBm)	(dB)
50	QPSK	1	1	21.92	22.10	22.03	23.5	0.0
			Channel	649000	656002	663002	Tune-up limit	MPR
			Frequency (MHz)	3720	3840	3960	(dBm)	(dB)
40	QPSK	1	1	21.86	22.10	21.99	23.5	0.0
			Channel	647668	656032	664334	Tune-up limit	MPR
			Frequency (MHz)	3715.02	3840	3965.01	(dBm)	(dB)
30	QPSK	1	1	21.90	22.11	21.94	23.5	0.0
			Channel	647334	656002	664668	Tune-up limit	MPR
			Frequency (MHz)	3710.01	3840	3970.02	(dBm)	(dB)
20	QPSK	1	1	21.93	22.13	22.01	23.5	0.0
			Channel	647668	656032	664334	Tune-up limit	MPR
			Frequency (MHz)	3707.52	3840	3972.51	(dBm)	(dB)
15	QPSK	1	1	21.88	22.12	21.98	23.5	0.0
			Channel	647000	656002	665002	Tune-up limit	MPR
			Frequency (MHz)	3705	3840	3975	(dBm)	(dB)
10	QPSK	1	1	21.94	22.12	22.03	23.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
			Channel	650000	656000	662000		
			Frequency (MHz)	3750	3840	3930		
100	PI/2 BPSK	1	1	23.89	23.95	23.80		
100	PI/2 BPSK	1	137	24.00	24.04	23.91	25.5	0.0
100	PI/2 BPSK	1	271	23.84	23.91	23.79		
100	PI/2 BPSK	135	0	23.87	24.04	23.98	25.5	0.0
100	PI/2 BPSK	135	69	23.92	23.98	23.89	25.5	0.0
100	PI/2 BPSK	135	138	23.66	23.74	23.67	25.5	0.0
100	PI/2 BPSK	270	0	23.81	23.98	23.85		
100	QPSK	1	1	23.86	24.09	23.98		
100	QPSK	1	137	23.99	24.02	23.92	25.5	0.0
100	QPSK	1	271	23.89	23.93	23.75		
100	QPSK	135	0	23.90	23.98	23.82	25.5	0.0
100	QPSK	135	69	23.97	24.00	23.90	25.5	0.0
100	QPSK	135	138	23.85	23.89	23.92	25.5	0.0
100	QPSK	270	0	23.63	23.77	23.69	25.5	0.0
100	16QAM	1	1	23.59	23.53	23.59	25.5	0.0
100	64QAM	1	1	22.12	22.13	22.15	24.0	1.5
100	256QAM	1	1	20.33	20.43	20.28	22.0	3.5
			Channel	649668	656032	662334	Tune-up limit	MPR
			Frequency (MHz)	3745.02	3840	3935.01	(dBm)	(dB)
90	QPSK	1	1	23.79	23.98	23.84	25.5	0.0
			Channel	649334	656002	662668	Tune-up limit	MPR
			Frequency (MHz)	3740.01	3840	3940.02	(dBm)	(dB)
80	QPSK	1	1	23.71	24.00	23.91	25.5	0.0
			Channel	649000	656002	663002	Tune-up limit	MPR
			Frequency (MHz)	3735	3840	3945	(dBm)	(dB)
70	QPSK	1	1	23.81	23.91	23.81	25.5	0.0
			Channel	649668	656032	663334	Tune-up limit	MPR
			Frequency (MHz)	3730.02	3840	3950.01	(dBm)	(dB)
60	QPSK	1	1	23.72	24.06	23.84	25.5	0.0
			Channel	649334	656002	663668	Tune-up limit	MPR
			Frequency (MHz)	3725.01	3840	3955.02	(dBm)	(dB)
50	QPSK	1	1	23.71	24.01	23.94	25.5	0.0
			Channel	649000	656002	664002	Tune-up limit	MPR
			Frequency (MHz)	3720	3840	3960	(dBm)	(dB)
40	QPSK	1	1	23.83	23.93	23.91	25.5	0.0
			Channel	647668	656032	664334	Tune-up limit	MPR
			Frequency (MHz)	3715.02	3840	3965.01	(dBm)	(dB)
30	QPSK	1	1	23.77	24.05	23.89	25.5	0.0
			Channel	647334	656002	664668	Tune-up limit	MPR
			Frequency (MHz)	3710.01	3840	3970.02	(dBm)	(dB)
20	QPSK	1	1	23.83	24.02	23.93	25.5	0.0
			Channel	647668	656032	664334	Tune-up limit	MPR
			Frequency (MHz)	3707.52	3840	3972.51	(dBm)	(dB)
15	QPSK	1	1	23.75	23.97	23.95	25.5	0.0
			Channel	647000	656002	665002	Tune-up limit	MPR
			Frequency (MHz)	3705	3840	3975	(dBm)	(dB)
10	QPSK	1	1	23.73	23.95	23.82	25.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
			Channel		633334			
			Frequency (MHz)		3500.01			
100	PI/2 BPSK	1	1		21.72			
100	PI/2 BPSK	1	137		21.68		23.5	0.0
100	PI/2 BPSK	1	271		21.70			
100	PI/2 BPSK	135	0		21.70		23.5	0.0
100	PI/2 BPSK	135	69		21.74		23.5	0.0
100	PI/2 BPSK	135	138		21.66		23.5	0.0
100	PI/2 BPSK	270	0		21.65			
100	QPSK	1	1		21.80			
100	QPSK	1	137		21.68		23.5	0.0
100	QPSK	1	271		21.74			
100	QPSK	135	0		21.66		23.5	0.0
100	QPSK	135	69		21.74		23.5	0.0
100	QPSK	135	138		21.65		23.5	0.0
100	QPSK	270	0		21.71			
100	16QAM	1	1		21.65		23.5	0.0
100	64QAM	1	1		21.24		23.0	0.5
100	256QAM	1	1		19.33		21.0	2.5
			Channel	633000	633334	633668	Tune-up limit	MPR
			Frequency (MHz)	3495	3500.01	3505.02	(dBm)	(dB)
90	QPSK	1	1	21.66	21.76	21.74	23.5	0.0
			Channel	632968	633334	634000	Tune-up limit	MPR
			Frequency (MHz)	3490.02	3500.01	3510	(dBm)	(dB)
80	QPSK	1	1	21.72	21.69	21.67	23.5	0.0
			Channel	632632	633334	634334	Tune-up limit	MPR
			Frequency (MHz)	3485.01	3500.01	3515.01	(dBm)	(dB)
70	QPSK	1	1	21.68	21.70	21.65	23.5	0.0
			Channel	632300	633334	634668	Tune-up limit	MPR
			Frequency (MHz)	3480	3500.01	3520.02	(dBm)	(dB)
60	QPSK	1	1	21.75	21.72	21.76	23.5	0.0
			Channel	631968	633334	635000	Tune-up limit	MPR
			Frequency (MHz)	3475.02	3500.01	3525	(dBm)	(dB)
50	QPSK	1	1	21.70	21.74	21.70	23.5	0.0
			Channel	631634	633334	635334	Tune-up limit	MPR
			Frequency (MHz)	3470.01	3500.01	3530.01	(dBm)	(dB)
40	QPSK	1	1	21.72	21.77	21.66	23.5	0.0
			Channel	631300	633334	635668	Tune-up limit	MPR
			Frequency (MHz)	3465	3500.01	3535.02	(dBm)	(dB)
30	QPSK	1	1	21.74	21.70	21.74	23.5	0.0
			Channel	630968	633334	635700	Tune-up limit	MPR
			Frequency (MHz)	3460.02	3500.01	3540	(dBm)	(dB)
20	QPSK	1	1	21.67	21.70	21.76	23.5	0.0
			Channel	630632	633334	636034	Tune-up limit	MPR
			Frequency (MHz)	3457.5	3500.01	3542.52	(dBm)	(dB)
15	QPSK	1	1	21.76	21.76	21.66	23.5	0.0
			Channel	630334	633334	636334	Tune-up limit	MPR
			Frequency (MHz)	3455.01	3500.01	3545.01	(dBm)	(dB)
10	QPSK	1	1	21.66	21.72	21.69	23.5	0.0

PC2 Part27Q n77 Ant3 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
			Channel		633334			
			Frequency (MHz)		3500.01			
100	PI/2 BPSK	1	1		23.70			
100	PI/2 BPSK	1	137		23.63		25.5	0.0
100	PI/2 BPSK	1	271		23.71			
100	PI/2 BPSK	135	0		23.69		25.5	0.0
100	PI/2 BPSK	135	69		23.72		25.5	0.0
100	PI/2 BPSK	135	138		23.66		25.5	0.0
100	PI/2 BPSK	270	0		23.74			
100	QPSK	1	1		23.78			
100	QPSK	1	137		23.76		25.5	0.0
100	QPSK	1	271		23.68			
100	QPSK	135	0		23.72		25.5	0.0
100	QPSK	135	69		23.73		25.5	0.0
100	QPSK	135	138		23.68		25.5	0.0
100	QPSK	270	0		23.71			
100	16QAM	1	1		23.72		25.5	0.0
100	64QAM	1	1		22.37		24.0	1.5
100	256QAM	1	1		20.24		22.0	3.5
			Channel	633000	633334	633668	Tune-up limit	MPR
			Frequency (MHz)	3495	3500.01	3505.02	(dBm)	(dB)
90	QPSK	1	1	23.63	23.72	23.70	25.5	0.0
			Channel	632968	633334	634000	Tune-up limit	MPR
			Frequency (MHz)	3490.02	3500.01	3510	(dBm)	(dB)
80	QPSK	1	1	23.74	23.72	23.64	25.5	0.0
			Channel	632632	633334	634334	Tune-up limit	MPR
			Frequency (MHz)	3485.01	3500.01	3515.01	(dBm)	(dB)
70	QPSK	1	1	23.71	23.69	23.66	25.5	0.0
			Channel	632300	633334	634668	Tune-up limit	MPR
			Frequency (MHz)	3480	3500.01	3520.02	(dBm)	(dB)
60	QPSK	1	1	23.70	23.68	23.70	25.5	0.0
			Channel	631968	633334	635000	Tune-up limit	MPR
			Frequency (MHz)	3475.02	3500.01	3525	(dBm)	(dB)
50	QPSK	1	1	23.72	23.67	23.64	25.5	0.0
			Channel	631634	633334	635334	Tune-up limit	MPR
			Frequency (MHz)	3470.01	3500.01	3530.01	(dBm)	(dB)
40	QPSK	1	1	23.70	23.68	23.65	25.5	0.0
			Channel	631300	633334	635668	Tune-up limit	MPR
			Frequency (MHz)	3465	3500.01	3535.02	(dBm)	(dB)
30	QPSK	1	1	23.68	23.68	23.71	25.5	0.0
			Channel	630968	633334	636000	Tune-up limit	MPR
			Frequency (MHz)	3460.02	3500.01	3540	(dBm)	(dB)
20	QPSK	1	1	23.64	23.70	23.66	25.5	0.0
			Channel	630632	633334	636034	Tune-up limit	MPR
			Frequency (MHz)	3457.5	3500.01	3542.52	(dBm)	(dB)
15	QPSK	1	1	23.67	23.67	23.69	25.5	0.0
			Channel	630334	633334	636334	Tune-up limit	MPR
			Frequency (MHz)	3455.01	3500.01	3545.01	(dBm)	(dB)
10	QPSK	1	1	23.72	23.68	23.65	25.5	0.0

PC3 Part27O n78 Ant3 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
		Channel		650000	650000	650000		
		Frequency (MHz)		3750	3750	3750		
100	PI/2 BPSK	1	1		21.83			
100	PI/2 BPSK	1	137		21.88		23.5	0.0
100	PI/2 BPSK	1	271		21.71			
100	PI/2 BPSK	135	0		21.58		23.5	0.0
100	PI/2 BPSK	135	69		21.71		23.5	0.0
100	PI/2 BPSK	135	138		21.65		23.5	0.0
100	PI/2 BPSK	270	0		21.61			
100	QPSK	1	1		21.89			
100	QPSK	1	137		21.86		23.5	0.0
100	QPSK	1	271		21.78			
100	QPSK	135	0		21.73		23.5	0.0
100	QPSK	135	69		21.76		23.5	0.0
100	QPSK	135	138		21.63			
100	QPSK	270	0		21.66		23.5	0.0
100	16QAM	1	1		21.62		23.5	0.0
100	64QAM	1	1		21.13		23.0	0.5
100	256QAM	1	1		19.19		21.0	2.5
		Channel		649668	650000	650334	Tune-up limit	MPR
		Frequency (MHz)		3745.02	3750	3755.01	(dBm)	(dB)
90	QPSK	1	1	21.84	21.82	21.81	23.5	0.0
		Channel		649334	650000	650666	Tune-up limit	MPR
		Frequency (MHz)		3740.01	3750	3760.02	(dBm)	(dB)
80	QPSK	1	1	21.80	21.83	21.76	23.5	0.0
		Channel		649000	650000	651000	Tune-up limit	MPR
		Frequency (MHz)		3735	3750	3765	(dBm)	(dB)
70	QPSK	1	1	21.82	21.77	21.77	23.5	0.0
		Channel		648668	650000	651334	Tune-up limit	MPR
		Frequency (MHz)		3730.02	3750	3770.01	(dBm)	(dB)
60	QPSK	1	1	21.82	21.85	21.77	23.5	0.0
		Channel		648334	650000	651668	Tune-up limit	MPR
		Frequency (MHz)		3725.01	3750	3775.02	(dBm)	(dB)
50	QPSK	1	1	21.83	21.75	21.82	23.5	0.0
		Channel		648000	650000	652000	Tune-up limit	MPR
		Frequency (MHz)		3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	21.77	21.74	21.82	23.5	0.0
		Channel		647668	650000	652334	Tune-up limit	MPR
		Frequency (MHz)		3715.02	3750	3785.01	(dBm)	(dB)
30	QPSK	1	1	21.79	21.74	21.80	23.5	0.0
		Channel		647334	650000	652668	Tune-up limit	MPR
		Frequency (MHz)		3710.01	3750	3790.02	(dBm)	(dB)
20	QPSK	1	1	21.84	21.81	21.83	23.5	0.0
		Channel		647168	650000	652834	Tune-up limit	MPR
		Frequency (MHz)		3707.52	3750	3792.51	(dBm)	(dB)
15	QPSK	1	1	21.82	21.76	21.75	23.5	0.0
		Channel		647000	650000	653000	Tune-up limit	MPR
		Frequency (MHz)		3705	3750	3795	(dBm)	(dB)
10	QPSK	1	1	21.75	21.77	21.81	23.5	0.0

PC2 Part27O n78 Ant3 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
		Channel		650000	650000	650000		
		Frequency (MHz)		3750	3750	3750		
100	PI/2 BPSK	1	1		23.71			
100	PI/2 BPSK	1	137		23.75		25.0	0.0
100	PI/2 BPSK	1	271		23.69			
100	PI/2 BPSK	135	0		23.53		25.0	0.0
100	PI/2 BPSK	135	69		23.67		25.0	0.0
100	PI/2 BPSK	135	138		23.56		25.0	0.0
100	PI/2 BPSK	270	0		23.64			
100	QPSK	1	1		23.81			
100	QPSK	1	137		23.78		25.0	0.0
100	QPSK	1	271		23.64			
100	QPSK	135	0		23.58		25.0	0.0
100	QPSK	135	69		23.73		25.0	0.0
100	QPSK	135	138		23.51		25.0	0.0
100	QPSK	270	0		23.70			
100	16QAM	1	1		23.14		25.0	0.0
100	64QAM	1	1		21.69		23.5	1.5
100	256QAM	1	1		19.95		21.5	3.5
		Channel		649668	650000	650334	Tune-up limit	MPR
		Frequency (MHz)		3745.02	3750	3755.01	(dBm)	(dB)
90	QPSK	1	1	23.68	23.67	23.77	25.0	0.0
		Channel		649334	650000	650668	Tune-up limit	MPR
		Frequency (MHz)		3740.01	3750	3760.02	(dBm)	(dB)
80	QPSK	1	1	23.75	23.74	23.68	25.0	0.0
		Channel		649000	650000	651000	Tune-up limit	MPR
		Frequency (MHz)		3735	3750	3765	(dBm)	(dB)
70	QPSK	1	1	23.76	23.75	23.78	25.0	0.0
		Channel		648668	650000	651334	Tune-up limit	MPR
		Frequency (MHz)		3730.02	3750	3770.01	(dBm)	(dB)
60	QPSK	1	1	23.63	23.69	23.68	25.0	0.0
		Channel		648334	650000	651668	Tune-up limit	MPR
		Frequency (MHz)		3725.01	3750	3775.02	(dBm)	(dB)
50	QPSK	1	1	23.77	23.68	23.71	25.0	0.0
		Channel		648000	650000	652000	Tune-up limit	MPR
		Frequency (MHz)		3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	23.69	23.73	23.78	25.0	0.0
		Channel		647668	650000	652334	Tune-up limit	MPR
		Frequency (MHz)		3715.02	3750	3785.01	(dBm)	(dB)
30	QPSK	1	1	23.78	23.64	23.76	25.0	0.0
		Channel		647334	650000	652668	Tune-up limit	MPR
		Frequency (MHz)		3710.01	3750	3790.02	(dBm)	(dB)
20	QPSK	1	1	23.68	23.71	23.73	25.0	0.0
		Channel		647168	650000	652834	Tune-up limit	MPR
		Frequency (MHz)		3707.52	3750	3792.51	(dBm)	(dB)
15	QPSK	1	1	23.69	23.63	23.66	25.0	0.0
		Channel		647000	650000	653000	Tune-up limit	MPR
		Frequency (MHz)		3705	3750	3795	(dBm)	(dB)
10	QPSK	1	1	23.66	23.78	23.69	25.0	0.0

PC3 Part27Q n78 Ant3 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
		Channel			633334			
		Frequency (MHz)			3500.01			
100	PI/2 BPSK	1	1		21.68			
100	PI/2 BPSK	1	137		21.75		23.5	0.0
100	PI/2 BPSK	1	271		21.66			
100	PI/2 BPSK	135	0		21.54		23.5	0.0
100	PI/2 BPSK	135	69		21.72		23.5	0.0
100	PI/2 BPSK	135	138		21.55		23.5	0.0
100	PI/2 BPSK	270	0		21.58			
100	QPSK	1	1		21.76			
100	QPSK	1	137		21.70		23.5	0.0
100	QPSK	1	271		21.65			
100	QPSK	135	0		21.62		23.5	0.0
100	QPSK	135	69		21.60		23.5	0.0
100	QPSK	135	138		21.66			
100	QPSK	270	0		21.73		23.5	0.0
100	16QAM	1	1		21.75		23.5	0.0
100	64QAM	1	1		21.10		23.0	0.5
100	256QAM	1	1		19.29		21.0	2.5
		Channel		633000	633334	633668	Tune-up limit	MPR
		Frequency (MHz)		3495	3500.01	3505.02	(dBm)	(dB)
90	QPSK	1	1	21.68	21.88	21.64	23.5	0.0
		Channel		632668	633334	634000	Tune-up limit	MPR
		Frequency (MHz)		3490.02	3500.01	3510	(dBm)	(dB)
80	QPSK	1	1	21.71	21.72	21.70	23.5	0.0
		Channel		632334	633334	634334	Tune-up limit	MPR
		Frequency (MHz)		3485.01	3500.01	3515.01	(dBm)	(dB)
70	QPSK	1	1	21.65	21.72	21.61	23.5	0.0
		Channel		632000	633334	634668	Tune-up limit	MPR
		Frequency (MHz)		3480	3500.01	3520.02	(dBm)	(dB)
60	QPSK	1	1	21.72	21.73	21.70	23.5	0.0
		Channel		631668	633334	635000	Tune-up limit	MPR
		Frequency (MHz)		3475.02	3500.01	3525	(dBm)	(dB)
50	QPSK	1	1	21.63	21.83	21.72	23.5	0.0
		Channel		631334	633334	635334	Tune-up limit	MPR
		Frequency (MHz)		3470.01	3500.01	3530.01	(dBm)	(dB)
40	QPSK	1	1	21.67	21.65	21.71	23.5	0.0
		Channel		631000	633334	635668	Tune-up limit	MPR
		Frequency (MHz)		3465	3500.01	3535.02	(dBm)	(dB)
30	QPSK	1	1	21.65	21.65	21.70	23.5	0.0
		Channel		630668	633334	636000	Tune-up limit	MPR
		Frequency (MHz)		3460.02	3500.01	3540	(dBm)	(dB)
20	QPSK	1	1	21.68	21.71	21.70	23.5	0.0
		Channel		630500	633334	636168	Tune-up limit	MPR
		Frequency (MHz)		3457.5	3500.01	3542.52	(dBm)	(dB)
15	QPSK	1	1	21.66	21.65	21.65	23.5	0.0
		Channel		630334	633334	636334	Tune-up limit	MPR
		Frequency (MHz)		3455.01	3500.01	3545.01	(dBm)	(dB)
10	QPSK	1	1	21.71	21.72	21.83	23.5	0.0

PC2 Part27Q n78 Ant3 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
		Channel			633334			
		Frequency (MHz)			3500.01			
100	PI/2 BPSK	1	1		23.62			
100	PI/2 BPSK	1	137		23.69		25.0	0.0
100	PI/2 BPSK	1	271		23.66			
100	PI/2 BPSK	135	0		23.55		25.0	0.0
100	PI/2 BPSK	135	69		23.68		25.0	0.0
100	PI/2 BPSK	135	138		23.66		25.0	0.0
100	PI/2 BPSK	270	0		23.61			
100	QPSK	1	1		23.71			
100	QPSK	1	137		23.67		25.0	0.0
100	QPSK	1	271		23.68			
100	QPSK	135	0		23.60		25.0	0.0
100	QPSK	135	69		23.70		25.0	0.0
100	QPSK	135	138		23.66		25.0	0.0
100	QPSK	270	0		23.71			
100	16QAM	1	1		23.57		25.0	0.0
100	64QAM	1	1		22.12		23.5	1.5
100	256QAM	1	1		20.34		21.5	3.5
		Channel		633000	633334	633668	Tune-up limit	MPR
		Frequency (MHz)		3495	3500.01	3505.02	(dBm)	(dB)
90	QPSK	1	1	23.58	23.68	23.57	25.0	0.0
		Channel		632668	633334	634002	Tune-up limit	MPR
		Frequency (MHz)		3490.02	3500.01	3510	(dBm)	(dB)
80	QPSK	1	1	23.56	23.64	23.58	25.0	0.0
		Channel		632334	633334	634334	Tune-up limit	MPR
		Frequency (MHz)		3485.01	3500.01	3515.01	(dBm)	(dB)
70	QPSK	1	1	23.57	23.62	23.60	25.0	0.0
		Channel		632000	633334	634668	Tune-up limit	MPR
		Frequency (MHz)		3480	3500.01	3520.02	(dBm)	(dB)
60	QPSK	1	1	23.61	23.65	23.65	25.0	0.0
		Channel		631668	633334	635002	Tune-up limit	MPR
		Frequency (MHz)		3475.02	3500.01	3525	(dBm)	(dB)
50	QPSK	1	1	23.68	23.66	23.58	25.0	0.0
		Channel		631334	633334	635334	Tune-up limit	MPR
		Frequency (MHz)		3470.01	3500.01	3530.01	(dBm)	(dB)
40	QPSK	1	1	23.61	23.56	23.56	25.0	0.0
		Channel		631000	633334	635668	Tune-up limit	MPR
		Frequency (MHz)		3465	3500.01	3535.02	(dBm)	(dB)
30	QPSK	1	1	23.62	23.63	23.65	25.0	0.0
		Channel		630668	633334	636002	Tune-up limit	MPR
		Frequency (MHz)		3460.02	3500.01	3540	(dBm)	(dB)
20	QPSK	1	1	23.62	23.59	23.64	25.0	0.0
		Channel		630500	633334	636168	Tune-up limit	MPR
		Frequency (MHz)		3457.5	3500.01	3542.52	(dBm)	(dB)
15	QPSK	1	1	23.58	23.60	23.64	25.0	0.0
		Channel		630334	633334	636334	Tune-up limit	MPR
		Frequency (MHz)		3455.01	3500.01	3545.01	(dBm)	(dB)
10	QPSK	1	1	23.64	23.58	23.61	25.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	25.07	25.29	25.27	25.7	0.0
40	PI/2 BPSK	1	108	25.23	25.28	25.09		
40	PI/2 BPSK	1	214	25.10	25.27	25.03		
40	PI/2 BPSK	108	0	24.63	24.73	24.66	25.2	0.5
40	PI/2 BPSK	108	54	25.26	25.15	25.18	25.7	0.0
40	PI/2 BPSK	108	108	24.56	24.86	24.65	25.2	0.5
40	PI/2 BPSK	216	0	24.67	24.74	24.76		
40	QPSK	1	1	25.13	25.34	25.30	25.7	0.0
40	QPSK	1	108	25.28	25.20	25.08		
40	QPSK	1	214	25.18	25.28	25.19		
40	QPSK	108	0	24.11	24.29	24.22	24.7	1.0
40	QPSK	108	54	25.11	25.25	25.13	25.7	0.0
40	QPSK	108	108	24.18	24.19	24.20	24.7	1.0
40	QPSK	216	0	24.30	24.37	24.32		
40	16QAM	1	1	24.16	24.47	24.26	24.7	1.0
40	64QAM	1	1	22.73	23.00	22.91	23.2	2.5
40	256QAM	1	1	20.85	20.88	20.87	21.2	4.5
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	25.14	25.28	25.20	25.7	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	24.97	25.14	25.12	25.7	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	24.99	25.20	25.28	25.7	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	25.01	25.31	25.28	25.7	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	24.92	25.20	25.27	25.7	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	25.02	25.15	25.30	25.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	23.98	24.12	24.08	24.7	0.0
40	PI/2 BPSK	1	108	23.89	24.00	23.93		
40	PI/2 BPSK	1	214	23.92	24.02	23.98		
40	PI/2 BPSK	108	0	23.96	24.05	24.09	24.7	0.0
40	PI/2 BPSK	108	54	23.90	24.02	24.04	24.7	0.0
40	PI/2 BPSK	108	108	23.83	24.05	24.10	24.7	0.0
40	PI/2 BPSK	216	0	23.80	24.04	24.09		
40	QPSK	1	1	24.02	24.15	24.13	24.7	0.0
40	QPSK	1	108	23.96	24.08	24.06		
40	QPSK	1	214	23.96	24.12	24.13		
40	QPSK	108	0	23.95	23.98	23.82	24.7	0.0
40	QPSK	108	54	23.80	24.13	23.99	24.7	0.0
40	QPSK	108	108	23.90	24.08	23.98	24.7	0.0
40	QPSK	216	0	23.91	24.12	24.11		
40	16QAM	1	1	23.94	24.11	24.12	24.7	0.0
40	64QAM	1	1	22.41	22.55	22.48	23.2	1.5
40	256QAM	1	1	20.33	20.65	20.54	21.2	3.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	23.84	24.07	24.03	24.7	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	23.91	24.11	24.06	24.7	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	23.93	24.02	24.04	24.7	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	23.87	24.06	23.96	24.7	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	23.99	24.09	24.01	24.7	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	23.85	24.01	24.06	24.7	0.0

n38 Ant4 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	25.12	25.11	25.12	25.7	0.0
40	PI/2 BPSK	1	53	25.06	25.04	25.10		
40	PI/2 BPSK	1	104	25.05	25.13	25.16		
40	PI/2 BPSK	50	0	24.57	24.72	24.64	25.2	0.5
40	PI/2 BPSK	50	28	25.13	25.15	25.04	25.7	0.0
40	PI/2 BPSK	50	56	24.39	24.55	24.50	25.2	0.5
40	PI/2 BPSK	100	0	24.59	24.63	24.58		
40	QPSK	1	1	25.06	25.19	25.08	25.7	0.0
40	QPSK	1	53	25.07	25.15	25.10		
40	QPSK	1	104	24.95	25.16	25.03		
40	QPSK	50	0	24.11	24.26	24.18	24.7	1.0
40	QPSK	50	28	25.08	25.18	25.09	25.7	0.0
40	QPSK	50	56	24.21	24.13	24.10	24.7	1.0
40	QPSK	100	0	24.05	24.23	23.99		
40	16QAM	1	1	24.01	24.18	24.01	24.7	1.0
40	64QAM	1	1	22.94	22.92	22.74	23.2	2.5
40	256QAM	1	1	20.64	20.80	20.73	21.2	4.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	24.91	24.93	24.97	25.7	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	24.87	24.99	24.91	25.7	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	24.87	24.88	24.95	25.7	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	24.98	25.03	24.79	25.7	0.0

n41 Ant4 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	24.85	25.06	24.99	25.7	0.0
100	PI/2 BPSK	1	137	24.88	24.98	24.79		
100	PI/2 BPSK	1	271	25.04	24.95	24.99		
100	PI/2 BPSK	135	0	24.45	24.53	24.37	25.2	0.5
100	PI/2 BPSK	135	69	24.85	24.96	25.00	25.7	0.0
100	PI/2 BPSK	135	138	24.30	24.38	24.33	25.2	0.5
100	PI/2 BPSK	270	0	24.49	24.40	24.37		
100	QPSK	1	1	24.98	25.11	25.09	25.7	0.0
100	QPSK	1	137	24.85	25.01	25.05		
100	QPSK	1	271	24.93	24.83	24.71		
100	QPSK	135	0	23.92	23.91	24.07	24.7	1.0
100	QPSK	135	69	24.93	25.07	24.87	25.7	0.0
100	QPSK	135	138	23.76	23.87	23.64	24.7	1.0
100	QPSK	270	0	23.80	23.92	23.76		
100	16QAM	1	1	23.85	23.87	23.82	24.7	1.0
100	64QAM	1	1	22.58	22.47	22.49	23.2	2.5
100	256QAM	1	1	20.09	20.22	20.30	21.2	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	24.90	25.03	24.98	25.7	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	24.91	24.92	25.07	25.7	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	24.97	25.08	24.98	25.7	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	24.96	25.08	24.95	25.7	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	24.78	25.00	24.92	25.7	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	24.98	24.99	25.03	25.7	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	24.84	25.01	25.10	25.7	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	24.85	25.10	24.98	25.7	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	24.95	24.92	25.05	25.7	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	24.90	24.90	24.90	25.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	20.63	20.78	20.68	21.7	0.0
40	PI/2 BPSK	1	108	20.63	20.82	20.70		
40	PI/2 BPSK	1	214	20.65	20.79	20.70		
40	PI/2 BPSK	108	0	20.63	20.80	20.67	21.7	0.0
40	PI/2 BPSK	108	54	20.65	20.80	20.67	21.7	0.0
40	PI/2 BPSK	108	108	20.65	20.79	20.70	21.7	0.0
40	PI/2 BPSK	216	0	20.63	20.81	20.66		
40	QPSK	1	1	20.72	20.89	20.76	21.7	0.0
40	QPSK	1	108	20.62	20.79	20.71		
40	QPSK	1	214	20.66	20.80	20.67		
40	QPSK	108	0	20.65	20.79	20.66	21.7	0.0
40	QPSK	108	54	20.63	20.84	20.70	21.7	0.0
40	QPSK	108	108	20.65	20.78	20.68	21.7	0.0
40	QPSK	216	0	20.66	20.79	20.70		
40	16QAM	1	1	20.62	20.82	20.65	21.7	0.0
40	64QAM	1	1	20.62	20.82	20.68	21.7	0.0
40	256QAM	1	1	20.18	20.48	20.33	21.2	0.5
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	20.63	20.79	20.66	21.7	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	20.61	20.82	20.67	21.7	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	20.62	20.76	20.68	21.7	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	20.60	20.76	20.64	21.7	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	20.61	20.82	20.69	21.7	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	20.60	20.80	20.64	21.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	19.87	20.01	19.96	20.7	0.0
40	PI/2 BPSK	1	108	19.94	19.99	19.89		
40	PI/2 BPSK	1	214	19.72	19.99	19.82		
40	PI/2 BPSK	108	0	19.92	19.98	19.93	20.7	0.0
40	PI/2 BPSK	108	54	19.89	19.96	19.95	20.7	0.0
40	PI/2 BPSK	108	108	19.81	19.98	19.83	20.7	0.0
40	PI/2 BPSK	216	0	19.78	20.04	19.86		
40	QPSK	1	1	20.02	20.10	20.06	20.7	0.0
40	QPSK	1	108	20.02	20.08	20.01		
40	QPSK	1	214	19.86	20.01	19.92		
40	QPSK	108	0	19.91	19.96	19.92	20.7	0.0
40	QPSK	108	54	19.93	20.03	19.87	20.7	0.0
40	QPSK	108	108	19.77	19.97	19.81	20.7	0.0
40	QPSK	216	0	19.92	20.01	19.96		
40	16QAM	1	1	19.94	19.96	19.87	20.7	0.0
40	64QAM	1	1	19.80	19.98	19.83	20.7	0.0
40	256QAM	1	1	19.94	19.98	19.89	20.7	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	19.87	19.97	19.93	20.7	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	19.95	19.98	19.87	20.7	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	19.93	20.02	19.88	20.7	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	19.89	19.98	19.92	20.7	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	19.92	20.00	19.94	20.7	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	19.88	20.03	19.92	20.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	20.06	20.25	20.20	21.2	0.0
40	PI/2 BPSK	1	53	20.06	20.08	20.18		
40	PI/2 BPSK	1	104	20.01	20.28	20.03		
40	PI/2 BPSK	50	0	20.14	20.22	20.26	21.2	0.0
40	PI/2 BPSK	50	28	20.10	20.06	20.22	21.2	0.0
40	PI/2 BPSK	50	56	20.05	20.26	20.10	21.2	0.0
40	PI/2 BPSK	100	0	19.99	20.24	20.07		
40	QPSK	1	1	20.20	20.34	20.31	21.2	0.0
40	QPSK	1	53	20.18	20.21	20.29		
40	QPSK	1	104	20.11	20.33	20.16		
40	QPSK	50	0	20.14	20.21	20.14	21.2	0.0
40	QPSK	50	28	20.11	20.26	20.20	21.2	0.0
40	QPSK	50	56	20.05	20.06	20.10	21.2	0.0
40	QPSK	100	0	20.08	20.21	20.15		
40	16QAM	1	1	20.07	20.15	20.23	21.2	0.0
40	64QAM	1	1	20.00	20.24	20.07	21.2	0.0
40	256QAM	1	1	19.96	20.28	20.07	21.2	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	20.10	20.11	20.18	21.2	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	20.03	20.08	20.16	21.2	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	20.07	20.10	20.15	21.2	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	20.08	20.06	20.22	21.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	19.98	20.22	20.15	21.2	0.0
100	PI/2 BPSK	1	137	20.02	20.01	20.13		
100	PI/2 BPSK	1	271	19.97	20.25	19.99		
100	PI/2 BPSK	135	0	20.10	20.15	20.21	21.2	0.0
100	PI/2 BPSK	135	69	20.06	20.01	20.15	21.2	0.0
100	PI/2 BPSK	135	138	19.99	20.21	20.04	21.2	0.0
100	PI/2 BPSK	270	0	19.96	20.21	20.05		
100	QPSK	1	1	20.17	20.32	20.26	21.2	0.0
100	QPSK	1	137	20.11	20.13	20.26		
100	QPSK	1	271	20.06	20.31	20.10		
100	QPSK	135	0	20.08	20.17	20.07	21.2	0.0
100	QPSK	135	69	20.09	20.22	20.12	21.2	0.0
100	QPSK	135	138	20.00	20.03	20.04	21.2	0.0
100	QPSK	270	0	20.06	20.14	20.07		
100	16QAM	1	1	20.01	20.07	20.21	21.2	0.0
100	64QAM	1	1	19.94	20.13	20.03	21.2	0.0
100	256QAM	1	1	19.92	20.05	20.02	21.2	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	20.05	20.22	20.16	21.2	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	20.06	20.24	20.18	21.2	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	20.09	20.23	20.14	21.2	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	20.04	20.20	20.17	21.2	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	20.09	20.20	20.13	21.2	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	20.07	20.24	20.18	21.2	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	20.05	20.25	20.14	21.2	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	20.05	20.24	20.18	21.2	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	20.07	20.22	20.18	21.2	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	20.08	20.25	20.14	21.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel			650000	656000	662000		
	Frequency (MHz)			3750	3840	3930		
100	PI/2 BPSK	1	1	24.40	24.47	24.37		
100	PI/2 BPSK	1	137	24.62	24.73	24.44	25.2	0.0
100	PI/2 BPSK	1	271	24.48	24.56	24.43		
100	PI/2 BPSK	135	0	24.45	24.58	24.59	25.2	0.0
100	PI/2 BPSK	135	69	24.47	24.56	24.64	25.2	0.0
100	PI/2 BPSK	135	138	24.64	24.70	24.48	25.2	0.0
100	PI/2 BPSK	270	0	24.49	24.65	24.55		
100	QPSK	1	1	24.72	24.79	24.65		
100	QPSK	1	137	24.58	24.65	24.65	25.2	0.0
100	QPSK	1	271	24.42	24.63	24.52		
100	QPSK	135	0	24.68	24.52	24.57	25.2	0.0
100	QPSK	135	69	24.68	24.78	24.72	25.2	0.0
100	QPSK	135	138	24.69	24.62	24.59	25.2	0.0
100	QPSK	270	0	24.51	24.67	24.58		
100	16QAM	1	1	24.73	24.86	24.55	25.2	0.0
100	64QAM	1	1	24.61	24.74	24.53	25.2	0.0
100	256QAM	1	1	22.44	22.52	22.32	23.2	2.0
	Channel			649668	656000	662334	Tune-up limit	MPR
	Frequency (MHz)			3745.02	3840	3935.01	(dBm)	(dB)
90	QPSK	1	1	24.59	24.66	24.51	25.2	0.0
	Channel			649334	656000	662668	Tune-up limit	MPR
	Frequency (MHz)			3740.01	3840	3940.02	(dBm)	(dB)
80	QPSK	1	1	24.64	24.76	24.63	25.2	0.0
	Channel			649000	656000	663000	Tune-up limit	MPR
	Frequency (MHz)			3735	3840	3945	(dBm)	(dB)
70	QPSK	1	1	24.57	24.69	24.65	25.2	0.0
	Channel			648668	656000	663334	Tune-up limit	MPR
	Frequency (MHz)			3730.02	3840	3950.01	(dBm)	(dB)
60	QPSK	1	1	24.59	24.66	24.60	25.2	0.0
	Channel			648334	656000	663668	Tune-up limit	MPR
	Frequency (MHz)			3725.01	3840	3955.02	(dBm)	(dB)
50	QPSK	1	1	24.58	24.67	24.59	25.2	0.0
	Channel			648000	656000	664000	Tune-up limit	MPR
	Frequency (MHz)			3720	3840	3960	(dBm)	(dB)
40	QPSK	1	1	24.60	24.75	24.50	25.2	0.0
	Channel			647668	656000	664334	Tune-up limit	MPR
	Frequency (MHz)			3715.02	3840	3965.01	(dBm)	(dB)
30	QPSK	1	1	24.52	24.67	24.56	25.2	0.0
	Channel			647334	656000	664668	Tune-up limit	MPR
	Frequency (MHz)			3710.01	3840	3970.02	(dBm)	(dB)
20	QPSK	1	1	24.67	24.65	24.62	25.2	0.0
	Channel			647168	656000	664834	Tune-up limit	MPR
	Frequency (MHz)			3707.52	3840	3972.51	(dBm)	(dB)
15	QPSK	1	1	24.52	24.65	24.51	25.2	0.0
	Channel			647000	656000	665000	Tune-up limit	MPR
	Frequency (MHz)			3705	3840	3975	(dBm)	(dB)
10	QPSK	1	1	24.68	24.71	24.63	25.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel			650000	656000	662000		
	Frequency (MHz)			3750	3840	3930		
100	PI/2 BPSK	1	1	26.98	27.03	26.99		
100	PI/2 BPSK	1	137	27.07	27.11	27.00	28.0	0.0
100	PI/2 BPSK	1	271	27.05	27.13	27.08		
100	PI/2 BPSK	135	0	27.02	27.09	27.03	28.0	0.0
100	PI/2 BPSK	135	69	27.15	27.19	27.09	28.0	0.0
100	PI/2 BPSK	135	138	26.98	27.13	27.09	28.0	0.0
100	PI/2 BPSK	270	0	26.98	27.08	27.05		
100	QPSK	1	1	27.24	27.29	27.16		
100	QPSK	1	137	26.92	27.04	26.97	28.0	0.0
100	QPSK	1	271	27.11	27.15	27.10		
100	QPSK	135	0	26.99	27.11	26.96	28.0	0.0
100	QPSK	135	69	27.08	27.21	27.13	28.0	0.0
100	QPSK	135	138	27.04	27.12	27.08	28.0	0.0
100	QPSK	270	0	27.01	27.14	27.02		
100	16QAM	1	1	26.85	26.99	26.92	28.0	0.0
100	64QAM	1	1	25.24	25.37	25.31	26.5	1.5
100	256QAM	1	1	23.29	23.34	23.26	24.5	3.5
	Channel			649668	656000	662334	Tune-up limit	MPR
	Frequency (MHz)			3745.02	3840	3935.01	(dBm)	(dB)
90	QPSK	1	1	27.12	27.17	27.04	28.0	0.0
	Channel			649334	656000	662668	Tune-up limit	MPR
	Frequency (MHz)			3740.01	3840	3940.02	(dBm)	(dB)
80	QPSK	1	1	27.16	27.17	27.06	28.0	0.0
	Channel			649000	656000	663000	Tune-up limit	MPR
	Frequency (MHz)			3735	3840	3945	(dBm)	(dB)
70	QPSK	1	1	27.18	27.23	27.13	28.0	0.0
	Channel			648668	656000	663334	Tune-up limit	MPR
	Frequency (MHz)			3730.02	3840	3950.01	(dBm)	(dB)
60	QPSK	1	1	27.10	27.26	27.11	28.0	0.0
	Channel			648334	656000	663668	Tune-up limit	MPR
	Frequency (MHz)			3725.01	3840	3955.02	(dBm)	(dB)
50	QPSK	1	1	27.11	27.25	27.12	28.0	0.0
	Channel			648000	656000	664000	Tune-up limit	MPR
	Frequency (MHz)			3720	3840	3960	(dBm)	(dB)
40	QPSK	1	1	27.20	27.17	27.05	28.0	0.0
	Channel			647668	656000	664334	Tune-up limit	MPR
	Frequency (MHz)			3715.02	3840	3965.01	(dBm)	(dB)
30	QPSK	1	1	27.13	27.19	27.03	28.0	0.0
	Channel			647334	656000	664668	Tune-up limit	MPR
	Frequency (MHz)			3710.01	3840	3970.02	(dBm)	(dB)
20	QPSK	1	1	27.17	27.20	27.13	28.0	0.0
	Channel			647168	656000	664834	Tune-up limit	MPR
	Frequency (MHz)			3707.52	3840	3972.51	(dBm)	(dB)
15	QPSK	1	1	27.11	27.19	27.13	28.0	0.0
	Channel			647000	656000	665000	Tune-up limit	MPR
	Frequency (MHz)			3705	3840	3975	(dBm)	(dB)
10	QPSK	1	1	27.19	27.23	27.06	28.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel				633334			
	Frequency (MHz)				3500.01			
100	PI/2 BPSK	1	1		24.51			
100	PI/2 BPSK	1	137		24.52		25.2	0.0
100	PI/2 BPSK	1	271		24.63			
100	PI/2 BPSK	135	0		24.58		25.2	0.0
100	PI/2 BPSK	135	69		24.86		25.2	0.0
100	PI/2 BPSK	135	138		24.63		25.2	0.0
100	PI/2 BPSK	270	0		24.48			
100	QPSK	1	1		24.72			
100	QPSK	1	137		24.60		25.2	0.0
100	QPSK	1	271		24.59			
100	QPSK	135	0		24.54		25.2	0.0
100	QPSK	135	69		24.58		25.2	0.0
100	QPSK	135	138		24.49		25.2	0.0
100	QPSK	270	0		24.55			
100	16QAM	1	1		24.34		25.2	0.0
100	64QAM	1	1		24.26		25.2	0.0
100	256QAM	1	1		22.18		23.2	2.0
	Channel			633000	633334	633668	Tune-up limit	MPR
	Frequency (MHz)			3495	3500.01	3505.02	(dBm)	(dB)
90	QPSK	1	1	24.53	24.68	24.48	25.2	0.0
	Channel			633668	633334	634002	Tune-up limit	MPR
	Frequency (MHz)			3490.02	3500.01	3510	(dBm)	(dB)
80	QPSK	1	1	24.45	24.55	24.62	25.2	0.0
	Channel			633334	633334	634334	Tune-up limit	MPR
	Frequency (MHz)			3485.01	3500.01	3515.01	(dBm)	(dB)
70	QPSK	1	1	24.56	24.59	24.58	25.2	0.0
	Channel			633000	633334	634668	Tune-up limit	MPR
	Frequency (MHz)			3480	3500.01	3520.02	(dBm)	(dB)
60	QPSK	1	1	24.43	24.65	24.60	25.2	0.0
	Channel			633668	633334	635002	Tune-up limit	MPR
	Frequency (MHz)			3475.02	3500.01	3525	(dBm)	(dB)
50	QPSK	1	1	24.49	24.58	24.51	25.2	0.0
	Channel			633334	633334	635334	Tune-up limit	MPR
	Frequency (MHz)			3470.01	3500.01	3530.01	(dBm)	(dB)
40	QPSK	1	1	24.46	24.58	24.63	25.2	0.0
	Channel			633000	633334	635668	Tune-up limit	MPR
	Frequency (MHz)			3465	3500.01	3535.02	(dBm)	(dB)
30	QPSK	1	1	24.49	24.61	24.51	25.2	0.0
	Channel			632668	633334	636002	Tune-up limit	MPR
	Frequency (MHz)			3460.02	3500.01	3540	(dBm)	(dB)
20	QPSK	1	1	24.46	24.58	24.52	25.2	0.0
	Channel			632500	633334	636168	Tune-up limit	MPR
	Frequency (MHz)			3457.5	3500.01	3542.52	(dBm)	(dB)
15	QPSK	1	1	24.56	24.55	24.55	25.2	0.0
	Channel			633334	633334	636334	Tune-up limit	MPR
	Frequency (MHz)			3455.01	3500.01	3545.01	(dBm)	(dB)
10	QPSK	1	1	24.47	24.60	24.55	25.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel			650000	650000	650000		
	Frequency (MHz)			3750	3750	3750		
100	PI/2 BPSK	1	1		26.89			
100	PI/2 BPSK	1	137		26.93		28.0	0.0
100	PI/2 BPSK	1	271		26.97			
100	PI/2 BPSK	135	0		26.94		28.0	0.0
100	PI/2 BPSK	135	69		26.92		28.0	0.0
100	PI/2 BPSK	135	138		26.90		28.0	0.0
100	PI/2 BPSK	270	0		26.96			
100	QPSK	1	1		27.08			
100	QPSK	1	137		27.05		28.0	0.0
100	QPSK	1	271		27.01			
100	QPSK	135	0		26.90		28.0	0.0
100	QPSK	135	69		26.99		28.0	0.0
100	QPSK	135	138		26.92		28.0	0.0
100	QPSK	270	0		26.95			
100	16QAM	1	1		26.78		28.0	0.0
100	64QAM	1	1		25.33		26.5	1.5
100	256QAM	1	1		23.16		24.5	3.5
	Channel			649668	650000	650334	Tune-up limit	MPR
	Frequency (MHz)			3745.02	3750	3755.01	(dBm)	(dB)
90	QPSK	1	1	27.03	26.94	27.03	28.0	0.0
	Channel			649334	650000	650668	Tune-up limit	MPR
	Frequency (MHz)			3740.01	3750	3760.02	(dBm)	(dB)
80	QPSK	1	1	27.01	27.06	26.93	28.0	0.0
	Channel			649000	650000	651000	Tune-up limit	MPR
	Frequency (MHz)			3735	3750	3765	(dBm)	(dB)
70	QPSK	1	1	26.97	27.02	27.06	28.0	0.0
	Channel			648668	650000	651334	Tune-up limit	MPR
	Frequency (MHz)			3730.02	3750	3770.01	(dBm)	(dB)
60	QPSK	1	1	27.01	26.98	26.94	28.0	0.0
	Channel			648334	650000	651668	Tune-up limit	MPR
	Frequency (MHz)			3725.01	3750	3775.02	(dBm)	(dB)
50	QPSK	1	1	26.99	26.94	26.98	28.0	0.0
	Channel			648000	650000	652000	Tune-up limit	MPR
	Frequency (MHz)			3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	27.01	26.96	27.00	28.0	0.0
	Channel			647668	650000	652334	Tune-up limit	MPR
	Frequency (MHz)			3715.02	3750	3785.01	(dBm)	(dB)
30	QPSK	1	1	26.93	27.01	26.95	28.0	0.0
	Channel			647334	650000	652668	Tune-up limit	MPR
	Frequency (MHz)			3710.01	3750	3790.02	(dBm)	(dB)
20	QPSK	1	1	26.98	26.99	26.95	28.0	0.0
	Channel			647168	650000	652834	Tune-up limit	MPR
	Frequency (MHz)			3707.52	3750	3792.51	(dBm)	(dB)
15	QPSK	1	1	26.93	26.97	27.03	28.0	0.0
	Channel			647000	650000	653000	Tune-up limit	MPR
	Frequency (MHz)			3705	3750	3795	(dBm)	(dB)
10	QPSK	1	1	27.01	27.01	26.94	28.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
		Channel		650000	650000	650000		
		Frequency (MHz)		3750	3750	3750		
100	PI/2 BPSK	1	1		23.89			
100	PI/2 BPSK	1	137		23.91		24.7	0.0
100	PI/2 BPSK	1	271		23.99			
100	PI/2 BPSK	135	0		23.91		24.7	0.0
100	PI/2 BPSK	135	69		23.90		24.7	0.0
100	PI/2 BPSK	135	138		23.84		24.7	0.0
100	PI/2 BPSK	270	0		23.86			
100	QPSK	1	1		24.08		24.7	0.0
100	QPSK	1	137		23.99			
100	QPSK	1	271		24.01			
100	QPSK	135	0		23.84		24.7	0.0
100	QPSK	135	69		24.02		24.7	0.0
100	QPSK	135	138		23.96		24.7	0.0
100	QPSK	270	0		23.90			
100	16QAM	1	1		23.53		24.7	0.8
100	64QAM	1	1		23.36		24.2	0.5
100	256QAM	1	1		21.27		22.2	2.5
		Channel		649668	650334	650334	Tune-up limit	MPR
		Frequency (MHz)		3745.02	3750	3755.01	(dBm)	(dB)
90	QPSK	1	1	23.93	23.89	23.96	24.7	0.0
		Channel		649334	650002	650668	Tune-up limit	MPR
		Frequency (MHz)		3740.01	3750	3760.02	(dBm)	(dB)
80	QPSK	1	1	23.95	23.92	23.96	24.7	0.0
		Channel		649002	650002	651002	Tune-up limit	MPR
		Frequency (MHz)		3735	3750	3765	(dBm)	(dB)
70	QPSK	1	1	23.96	23.94	23.97	24.7	0.0
		Channel		648668	650002	651334	Tune-up limit	MPR
		Frequency (MHz)		3730.02	3750	3770.01	(dBm)	(dB)
60	QPSK	1	1	23.92	23.90	23.96	24.7	0.0
		Channel		648334	650002	651668	Tune-up limit	MPR
		Frequency (MHz)		3725.01	3750	3775.02	(dBm)	(dB)
50	QPSK	1	1	23.93	23.93	23.94	24.7	0.0
		Channel		648002	650002	652002	Tune-up limit	MPR
		Frequency (MHz)		3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	23.94	23.91	23.98	24.7	0.0
		Channel		647668	650002	652334	Tune-up limit	MPR
		Frequency (MHz)		3715.02	3750	3785.01	(dBm)	(dB)
30	QPSK	1	1	23.92	23.93	23.97	24.7	0.0
		Channel		647334	650002	652668	Tune-up limit	MPR
		Frequency (MHz)		3710.01	3750	3790.02	(dBm)	(dB)
20	QPSK	1	1	23.93	23.88	23.98	24.7	0.0
		Channel		647168	650002	653334	Tune-up limit	MPR
		Frequency (MHz)		3707.52	3750	3792.51	(dBm)	(dB)
15	QPSK	1	1	23.95	23.93	23.95	24.7	0.0
		Channel		647002	650002	653002	Tune-up limit	MPR
		Frequency (MHz)		3705	3750	3795	(dBm)	(dB)
10	QPSK	1	1	23.91	23.90	23.94	24.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
		Channel		650000	650000	650000		
		Frequency (MHz)		3750	3750	3750		
100	PI/2 BPSK	1	1		26.89			
100	PI/2 BPSK	1	137		26.93		27.7	0.0
100	PI/2 BPSK	1	271		26.97			
100	PI/2 BPSK	135	0		26.94		27.7	0.0
100	PI/2 BPSK	135	69		26.92		27.7	0.0
100	PI/2 BPSK	135	138		26.90		27.7	0.0
100	PI/2 BPSK	270	0		26.98			
100	QPSK	1	1		27.08		27.7	0.0
100	QPSK	1	137		27.05			
100	QPSK	1	271		27.01			
100	QPSK	135	0		26.90		27.7	0.0
100	QPSK	135	69		26.99		27.7	0.0
100	QPSK	135	138		26.92		27.7	0.0
100	QPSK	270	0		26.95			
100	16QAM	1	1		26.78		27.7	0.0
100	64QAM	1	1		25.33		26.2	1.5
100	256QAM	1	1		23.16		24.2	3.5
		Channel		649668	650002	650334	Tune-up limit	MPR
		Frequency (MHz)		3745.02	3750	3755.01	(dBm)	(dB)
90	QPSK	1	1	27.03	26.94	27.03	27.7	0.0
		Channel		649334	650002	650668	Tune-up limit	MPR
		Frequency (MHz)		3740.01	3750	3760.02	(dBm)	(dB)
80	QPSK	1	1	27.01	27.06	26.93	27.7	0.0
		Channel		649002	650002	651002	Tune-up limit	MPR
		Frequency (MHz)		3735	3750	3765	(dBm)	(dB)
70	QPSK	1	1	26.97	27.02	27.06	27.7	0.0
		Channel		648668	650002	651334	Tune-up limit	MPR
		Frequency (MHz)		3730.02	3750	3770.01	(dBm)	(dB)
60	QPSK	1	1	27.01	26.98	26.94	27.7	0.0
		Channel		648334	650002	651668	Tune-up limit	MPR
		Frequency (MHz)		3725.01	3750	3775.02	(dBm)	(dB)
50	QPSK	1	1	26.99	26.94	26.98	27.7	0.0
		Channel		648002	650002	652002	Tune-up limit	MPR
		Frequency (MHz)		3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	27.01	26.96	27.00	27.7	0.0
		Channel		647668	650002	652334	Tune-up limit	MPR
		Frequency (MHz)		3715.02	3750	3785.01	(dBm)	(dB)
30	QPSK	1	1	26.93	27.01	26.95	27.7	0.0
		Channel		647334	650002	652668	Tune-up limit	MPR
		Frequency (MHz)		3710.01	3750	3790.02	(dBm)	(dB)
20	QPSK	1	1	26.98	26.99	26.95	27.7	0.0
		Channel		647168	650002	653334	Tune-up limit	MPR
		Frequency (MHz)		3707.52	3750	3792.51	(dBm)	(dB)
15	QPSK	1	1	26.93	26.97	27.03	27.7	0.0
		Channel		647002	650002	653002	Tune-up limit	MPR
		Frequency (MHz)		3705	3750	3795	(dBm)	(dB)
10	QPSK	1	1	27.01	27.01	26.94	27.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
		Channel			633334			
		Frequency (MHz)			3500.01			
100	PI/2 BPSK	1	1		23.85			
100	PI/2 BPSK	1	137		23.88		24.7	0.0
100	PI/2 BPSK	1	271		23.87			
100	PI/2 BPSK	135	0		23.97		24.7	0.0
100	PI/2 BPSK	135	69		23.99		24.7	0.0
100	PI/2 BPSK	135	138		23.90		24.7	0.0
100	PI/2 BPSK	270	0		23.96			
100	QPSK	1	1		24.09		24.7	0.0
100	QPSK	1	137		23.88			
100	QPSK	1	271		24.03			
100	QPSK	135	0		24.02		24.7	0.0
100	QPSK	135	69		24.05		24.7	0.0
100	QPSK	135	138		23.97		24.7	0.0
100	QPSK	270	0		24.02			
100	16QAM	1	1		23.95		24.7	0.0
100	64QAM	1	1		23.34		24.2	0.5
100	256QAM	1	1		21.55		22.2	2.5
		Channel		633000	633334	633668	Tune-up limit	MPR
		Frequency (MHz)		3495	3500.01	3505.02	(dBm)	(dB)
90	QPSK	1	1	23.95	23.92	23.98	24.7	0.0
		Channel		632668	633334	634002	Tune-up limit	MPR
		Frequency (MHz)		3490.02	3500.01	3510	(dBm)	(dB)
80	QPSK	1	1	23.96	23.90	23.99	24.7	0.0
		Channel		632334	633334	634334	Tune-up limit	MPR
		Frequency (MHz)		3485.01	3500.01	3515.01	(dBm)	(dB)
70	QPSK	1	1	23.96	23.90	23.98	24.7	0.0
		Channel		632002	633334	634668	Tune-up limit	MPR
		Frequency (MHz)		3480	3500.01	3520.02	(dBm)	(dB)
60	QPSK	1	1	23.93	23.89	23.94	24.7	0.0
		Channel		631668	633334	635002	Tune-up limit	MPR
		Frequency (MHz)		3475.02	3500.01	3525	(dBm)	(dB)
50	QPSK	1	1	23.92	23.91	23.97	24.7	0.0
		Channel		631334	633334	635334	Tune-up limit	MPR
		Frequency (MHz)		3470.01	3500.01	3530.01	(dBm)	(dB)
40	QPSK	1	1	23.97	23.92	23.99	24.7	0.0
		Channel		631002	633334	635668	Tune-up limit	MPR
		Frequency (MHz)		3465	3500.01	3535.02	(dBm)	(dB)
30	QPSK	1	1	23.97	23.93	23.97	24.7	0.0
		Channel		630668	633334	636002	Tune-up limit	MPR
		Frequency (MHz)		3460.02	3500.01	3540	(dBm)	(dB)
20	QPSK	1	1	23.97	23.92	23.98	24.7	0.0
		Channel		630334	633334	636334	Tune-up limit	MPR
		Frequency (MHz)		3457.5	3500.01	3542.52	(dBm)	(dB)
15	QPSK	1	1	23.94	23.92	23.98	24.7	0.0
		Channel		630334	633334	636334	Tune-up limit	MPR
		Frequency (MHz)		3455.01	3500.01	3545.01	(dBm)	(dB)
10	QPSK	1	1	23.96	23.88	23.96	24.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
		Channel			633334			
		Frequency (MHz)			3500.01			
100	PI/2 BPSK	1	1		26.92			
100	PI/2 BPSK	1	137		27.08		27.7	0.0
100	PI/2 BPSK	1	271		27.03			
100	PI/2 BPSK	135	0		26.96		27.7	0.0
100	PI/2 BPSK	135	69		27.01		27.7	0.0
100	PI/2 BPSK	135	138		26.93		27.7	0.0
100	PI/2 BPSK	270	0		26.98			
100	QPSK	1	1		27.13		27.7	0.0
100	QPSK	1	137		27.06			
100	QPSK	1	271		27.04			
100	QPSK	135	0		26.93		27.7	0.0
100	QPSK	135	69		27.01		27.7	0.0
100	QPSK	135	138		26.95		27.7	0.0
100	QPSK	270	0		26.98			
100	16QAM	1	1		26.66		27.7	0.0
100	64QAM	1	1		25.44		26.2	1.5
100	256QAM	1	1		23.40		24.2	3.5
		Channel		633000	633334	633668	Tune-up limit	MPR
		Frequency (MHz)		3495	3500.01	3505.02	(dBm)	(dB)
90	QPSK	1	1	27.10	27.11	27.02	27.7	0.0
		Channel		632668	633334	634002	Tune-up limit	MPR
		Frequency (MHz)		3490.02	3500.01	3510	(dBm)	(dB)
80	QPSK	1	1	27.02	27.04	27.06	27.7	0.0
		Channel		632334	633334	634334	Tune-up limit	MPR
		Frequency (MHz)		3485.01	3500.01	3515.01	(dBm)	(dB)
70	QPSK	1	1	27.11	27.07	27.10	27.7	0.0
		Channel		632002	633334	634668	Tune-up limit	MPR
		Frequency (MHz)		3480	3500.01	3520.02	(dBm)	(dB)
60	QPSK	1	1	27.04	27.05	27.03	27.7	0.0
		Channel		631668	633334	635002	Tune-up limit	MPR
		Frequency (MHz)		3475.02	3500.01	3525	(dBm)	(dB)
50	QPSK	1	1	27.09	26.98	27.01	27.7	0.0
		Channel		631334	633334	635334	Tune-up limit	MPR
		Frequency (MHz)		3470.01	3500.01	3530.01	(dBm)	(dB)
40	QPSK	1	1	27.01	27.01	27.12	27.7	0.0
		Channel		631002	633334	635668	Tune-up limit	MPR
		Frequency (MHz)		3465	3500.01	3535.02	(dBm)	(dB)
30	QPSK	1	1	27.12	27.03	26.99	27.7	0.0
		Channel		630668	633334	636002	Tune-up limit	MPR
		Frequency (MHz)		3460.02	3500.01	3540	(dBm)	(dB)
20	QPSK	1	1	27.06	27.04	27.11	27.7	0.0
		Channel		630002	633334	636668	Tune-up limit	MPR
		Frequency (MHz)		3457.5	3500.01	3542.52	(dBm)	(dB)
15	QPSK	1	1	27.00	27.10	27.04	27.7	0.0
		Channel		630334	633334	636334	Tune-up limit	MPR
		Frequency (MHz)		3455.01	3500.01	3545.01	(dBm)	(dB)
10	QPSK	1	1	26.98	27.11	27.11	27.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
		Channel		650000	656000	662000		
		Frequency (MHz)		3750	3840	3930		
100	PI/2 BPSK	1	1	17.73	17.96	17.78	19.2	0.0
100	PI/2 BPSK	1	137	17.66	17.88	17.76		
100	PI/2 BPSK	1	271	17.62	18.01	17.82		
100	PI/2 BPSK	135	0	17.68	17.86	17.73	19.2	0.0
100	PI/2 BPSK	135	69	17.61	17.95	17.74	19.2	0.0
100	PI/2 BPSK	135	138	17.66	17.86	17.70		
100	PI/2 BPSK	270	0	17.69	17.93	17.79	19.2	0.0
100	QPSK	1	1	17.76	18.03	17.87		
100	QPSK	1	137	17.63	17.93	17.85	19.2	0.0
100	QPSK	1	271	17.62	17.99	17.73		
100	QPSK	135	0	17.63	17.94	17.81	19.2	0.0
100	QPSK	135	69	17.69	18.01	17.69	19.2	0.0
100	QPSK	135	138	17.70	18.00	17.79	19.2	0.0
100	QPSK	270	0	17.65	17.98	17.77	19.2	0.0
100	16QAM	1	1	17.59	17.90	17.78	19.2	0.0
100	64QAM	1	1	17.68	18.00	17.79	19.2	0.0
100	256QAM	1	1	17.68	17.99	17.72	19.2	0.0
		Channel		646668	656000	662334	Tune-up limit	MPR
		Frequency (MHz)		3745.02	3840	3935.01	(dBm)	(dB)
90	QPSK	1	1	17.67	17.94	17.82	19.2	0.0
		Channel		646334	656000	662668	Tune-up limit	MPR
		Frequency (MHz)		3740.01	3840	3940.02	(dBm)	(dB)
80	QPSK	1	1	17.68	17.90	17.83	19.2	0.0
		Channel		646002	656000	663002	Tune-up limit	MPR
		Frequency (MHz)		3735	3840	3945	(dBm)	(dB)
70	QPSK	1	1	17.72	17.86	17.80	19.2	0.0
		Channel		646668	656000	663334	Tune-up limit	MPR
		Frequency (MHz)		3730.02	3840	3950.01	(dBm)	(dB)
60	QPSK	1	1	17.60	18.00	17.75	19.2	0.0
		Channel		646334	656000	663668	Tune-up limit	MPR
		Frequency (MHz)		3725.01	3840	3955.02	(dBm)	(dB)
50	QPSK	1	1	17.61	17.98	17.71	19.2	0.0
		Channel		646002	656000	664002	Tune-up limit	MPR
		Frequency (MHz)		3720	3840	3960	(dBm)	(dB)
40	QPSK	1	1	17.70	17.97	17.71	19.2	0.0
		Channel		647002	656000	664334	Tune-up limit	MPR
		Frequency (MHz)		3715.02	3840	3965.01	(dBm)	(dB)
30	QPSK	1	1	17.70	17.97	17.77	19.2	0.0
		Channel		647334	656000	664668	Tune-up limit	MPR
		Frequency (MHz)		3710.01	3840	3970.02	(dBm)	(dB)
20	QPSK	1	1	17.72	17.90	17.72	19.2	0.0
		Channel		647102	656000	664734	Tune-up limit	MPR
		Frequency (MHz)		3707.52	3840	3972.51	(dBm)	(dB)
15	QPSK	1	1	17.61	18.01	17.73	19.2	0.0
		Channel		647000	656000	665000	Tune-up limit	MPR
		Frequency (MHz)		3705	3840	3975	(dBm)	(dB)
10	QPSK	1	1	17.73	17.85	17.84	19.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
		Channel		650000	656000	662000		
		Frequency (MHz)		3750	3840	3930		
100	PI/2 BPSK	1	1	20.81	20.92	20.78		
100	PI/2 BPSK	1	137	20.76	20.88	20.82	22.2	0.0
100	PI/2 BPSK	1	271	20.75	20.80	20.73		
100	PI/2 BPSK	135	0	20.87	20.92	20.79	22.2	0.0
100	PI/2 BPSK	135	69	20.90	20.84	20.70	22.2	0.0
100	PI/2 BPSK	135	138	20.82	20.83	20.77	22.2	0.0
100	PI/2 BPSK	270	0	20.91	20.80	20.84		
100	QPSK	1	1	20.93	20.96	20.87		
100	QPSK	1	137	20.84	20.91	20.70	22.2	0.0
100	QPSK	1	271	20.89	20.87	20.83		
100	QPSK	135	0	20.83	20.84	20.84	22.2	0.0
100	QPSK	135	69	20.90	20.89	20.75	22.2	0.0
100	QPSK	135	138	20.76	20.82	20.81	22.2	0.0
100	QPSK	270	0	20.80	20.86	20.71	22.2	0.0
100	16QAM	1	1	20.88	20.84	20.80	22.2	0.0
100	64QAM	1	1	20.82	20.84	20.78	22.2	0.0
100	256QAM	1	1	20.91	20.85	20.72	22.2	0.0
		Channel		646668	656000	663334	Tune-up limit	MPR
		Frequency (MHz)		3745.02	3840	3935.01	(dBm)	(dB)
90	QPSK	1	1	20.83	20.90	20.74	22.2	0.0
		Channel		646334	656000	663668	Tune-up limit	MPR
		Frequency (MHz)		3740.01	3840	3940.02	(dBm)	(dB)
80	QPSK	1	1	20.81	20.86	20.82	22.2	0.0
		Channel		646002	656000	663002	Tune-up limit	MPR
		Frequency (MHz)		3735	3840	3945	(dBm)	(dB)
70	QPSK	1	1	20.88	20.83	20.77	22.2	0.0
		Channel		646668	656000	663334	Tune-up limit	MPR
		Frequency (MHz)		3730.02	3840	3950.01	(dBm)	(dB)
60	QPSK	1	1	20.88	20.94	20.71	22.2	0.0
		Channel		646334	656000	663668	Tune-up limit	MPR
		Frequency (MHz)		3725.01	3840	3955.02	(dBm)	(dB)
50	QPSK	1	1	20.85	20.94	20.76	22.2	0.0
		Channel		646002	656000	664002	Tune-up limit	MPR
		Frequency (MHz)		3720	3840	3960	(dBm)	(dB)
40	QPSK	1	1	20.81	20.94	20.83	22.2	0.0
		Channel		647002	656000	664334	Tune-up limit	MPR
		Frequency (MHz)		3715.02	3840	3965.01	(dBm)	(dB)
30	QPSK	1	1	20.85	20.84	20.80	22.2	0.0
		Channel		647334	656000	664668	Tune-up limit	MPR
		Frequency (MHz)		3710.01	3840	3970.02	(dBm)	(dB)
20	QPSK	1	1	20.82	20.79	20.73	22.2	0.0
		Channel		647102	656000	664734	Tune-up limit	MPR
		Frequency (MHz)		3707.52	3840	3972.51	(dBm)	(dB)
15	QPSK	1	1	20.84	20.86	20.75	22.2	0.0
		Channel		647000	656000	665000	Tune-up limit	MPR
		Frequency (MHz)		3705	3840	3975	(dBm)	(dB)
10	QPSK	1	1	20.86	20.87	20.69	22.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
		Channel			633334			
		Frequency (MHz)			3500.01			
100	PI/2 BPSK	1	1		17.69			
100	PI/2 BPSK	1	137		17.69		19.2	0.0
100	PI/2 BPSK	1	271		17.76			
100	PI/2 BPSK	135	0		17.73		19.2	0.0
100	PI/2 BPSK	135	69		17.77		19.2	0.0
100	PI/2 BPSK	135	138		17.76		19.2	0.0
100	PI/2 BPSK	270	0		17.68			
100	QPSK	1	1		17.82			
100	QPSK	1	137		17.73		19.2	0.0
100	QPSK	1	271		17.70			
100	QPSK	135	0		17.69		19.2	0.0
100	QPSK	135	69		17.72		19.2	0.0
100	QPSK	135	138		17.71		19.2	0.0
100	QPSK	270	0		17.68		19.2	0.0
100	16QAM	1	1		17.71		19.2	0.0
100	64QAM	1	1		17.74		19.2	0.0
100	256QAM	1	1		17.74		19.2	0.0
		Channel		633000	633334	633668	Tune-up limit	MPR
		Frequency (MHz)		3495	3500.01	3505.02	(dBm)	(dB)
90	QPSK	1	1	17.68	17.72	17.81	19.2	0.0
		Channel		632668	633334	634002	Tune-up limit	MPR
		Frequency (MHz)		3490.02	3500.01	3510	(dBm)	(dB)
80	QPSK	1	1	17.66	17.66	17.52	19.2	0.0
		Channel		632334	633334	634334	Tune-up limit	MPR
		Frequency (MHz)		3485.01	3500.01	3515.01	(dBm)	(dB)
70	QPSK	1	1	17.59	17.73	17.54	19.2	0.0
		Channel		632002	633334	634668	Tune-up limit	MPR
		Frequency (MHz)		3480	3500.01	3520.02	(dBm)	(dB)
60	QPSK	1	1	17.63	17.79	17.57	19.2	0.0
		Channel		631668	633334	635002	Tune-up limit	MPR
		Frequency (MHz)		3475.02	3500.01	3525	(dBm)	(dB)
50	QPSK	1	1	17.68	17.80	17.61	19.2	0.0
		Channel		631334	633334	635334	Tune-up limit	MPR
		Frequency (MHz)		3470.01	3500.01	3530.01	(dBm)	(dB)
40	QPSK	1	1	17.64	17.72	17.55	19.2	0.0
		Channel		631002	633334	635668	Tune-up limit	MPR
		Frequency (MHz)		3465	3500.01	3535.02	(dBm)	(dB)
30	QPSK	1	1	17.64	17.78	17.52	19.2	0.0
		Channel		630668	633334	636002	Tune-up limit	MPR
		Frequency (MHz)		3460.02	3500.01	3540	(dBm)	(dB)
20	QPSK	1	1	17.56	17.77	17.50	19.2	0.0
		Channel		630502	633334	636168	Tune-up limit	MPR
		Frequency (MHz)		3457.5	3500.01	3542.52	(dBm)	(dB)
15	QPSK	1	1	17.56	17.71	17.56	19.2	0.0
		Channel		630334	633334	636334	Tune-up limit	MPR
		Frequency (MHz)		3455.01	3500.01	3545.01	(dBm)	(dB)
10	QPSK	1	1	17.66	17.70	17.52	19.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
		Channel			633334			
		Frequency (MHz)			3500.01			
100	PI/2 BPSK	1	1		20.69			
100	PI/2 BPSK	1	137		20.72		22.2	0.0
100	PI/2 BPSK	1	271		20.70			
100	PI/2 BPSK	135	0		20.70		22.2	0.0
100	PI/2 BPSK	135	69		20.69		22.2	0.0
100	PI/2 BPSK	135	138		20.76		22.2	0.0
100	PI/2 BPSK	270	0		20.72			
100	QPSK	1	1		20.81			
100	QPSK	1	137		20.75		22.2	0.0
100	QPSK	1	271		20.73			
100	QPSK	135	0		20.78		22.2	0.0
100	QPSK	135	69		20.79		22.2	0.0
100	QPSK	135	138		20.73		22.2	0.0
100	QPSK	270	0		20.63		22.2	0.0
100	16QAM	1	1		20.63		22.2	0.0
100	64QAM	1	1		20.63		22.2	0.0
100	256QAM	1	1		20.79		22.2	0.0
		Channel		633000	633334	633668	Tune-up limit	MPR
		Frequency (MHz)		3495	3500.01	3505.02	(dBm)	(dB)
90	QPSK	1	1	20.73	20.71	20.63	22.2	0.0
		Channel		632668	633334	634002	Tune-up limit	MPR
		Frequency (MHz)		3490.02	3500.01	3510	(dBm)	(dB)
80	QPSK	1	1	20.64	20.69	20.66	22.2	0.0
		Channel		632334	633334	634334	Tune-up limit	MPR
		Frequency (MHz)		3485.01	3500.01	3515.01	(dBm)	(dB)
70	QPSK	1	1	20.66	20.74	20.67	22.2	0.0
		Channel		632002	633334	634668	Tune-up limit	MPR
		Frequency (MHz)		3480	3500.01	3520.02	(dBm)	(dB)
60	QPSK	1	1	20.68	20.66	20.64	22.2	0.0
		Channel		631668	633334	635002	Tune-up limit	MPR
		Frequency (MHz)		3475.02	3500.01	3525	(dBm)	(dB)
50	QPSK	1	1	20.67	20.78	20.62	22.2	0.0
		Channel		631334	633334	635334	Tune-up limit	MPR
		Frequency (MHz)		3470.01	3500.01	3530.01	(dBm)	(dB)
40	QPSK	1	1	20.69	20.65	20.62	22.2	0.0
		Channel		631002	633334	635668	Tune-up limit	MPR
		Frequency (MHz)		3465	3500.01	3535.02	(dBm)	(dB)
30	QPSK	1	1	20.70	20.73	20.63	22.2	0.0
		Channel		630668	633334	636002	Tune-up limit	MPR
		Frequency (MHz)		3460.02	3500.01	3540	(dBm)	(dB)
20	QPSK	1	1	20.74	20.75	20.63	22.2	0.0
		Channel		630502	633334	636168	Tune-up limit	MPR
		Frequency (MHz)		3457.5	3500.01	3542.52	(dBm)	(dB)
15	QPSK	1	1	20.67	20.74	20.68	22.2	0.0
		Channel		630334	633334	636334	Tune-up limit	MPR
		Frequency (MHz)		3455.01	3500.01	3545.01	(dBm)	(dB)
10	QPSK	1	1	20.69	20.70	20.63	22.2	0.0

PC3 Part27O n78 Ant12 DSI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	Pi/2 BPSK	1	1		17.25			
100	Pi/2 BPSK	1	137		17.22		18.2	0.0
100	Pi/2 BPSK	1	271		17.21			
100	Pi/2 BPSK	135	0		17.23		18.2	0.0
100	Pi/2 BPSK	135	69		17.20		18.2	0.0
100	Pi/2 BPSK	135	138		17.15		18.2	0.0
100	Pi/2 BPSK	270	0		17.20			
100	QPSK	1	1		17.28		18.2	0.0
100	QPSK	1	137		17.16			
100	QPSK	1	271		17.12			
100	QPSK	135	0		17.14		18.2	0.0
100	QPSK	135	69		17.22		18.2	0.0
100	QPSK	135	138		17.14		18.2	0.0
100	QPSK	270	0		17.13		18.2	0.0
100	16QAM	1	1		17.14		18.2	0.0
100	64QAM	1	1		17.26		18.2	0.0
100	256QAM	1	1		17.13		18.2	0.0
Channel				649668	650334	650334	Tune-up limit	MPR
Frequency (MHz)				3745.02	3750	3755.01	(dBm)	(dB)
90	QPSK	1	1	17.14	17.21	17.05	18.2	0.0
Channel				649334	650002	650668	Tune-up limit	MPR
Frequency (MHz)				3740.01	3750	3760.02	(dBm)	(dB)
80	QPSK	1	1	17.17	17.10	17.19	18.2	0.0
Channel				649002	650002	651002	Tune-up limit	MPR
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)
70	QPSK	1	1	17.18	17.12	17.13	18.2	0.0
Channel				648668	650002	651334	Tune-up limit	MPR
Frequency (MHz)				3730.02	3750	3770.01	(dBm)	(dB)
60	QPSK	1	1	17.08	17.21	17.17	18.2	0.0
Channel				648334	650002	651668	Tune-up limit	MPR
Frequency (MHz)				3725.01	3750	3775.02	(dBm)	(dB)
50	QPSK	1	1	17.19	17.23	17.13	18.2	0.0
Channel				648002	650002	652002	Tune-up limit	MPR
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	17.10	17.23	17.17	18.2	0.0
Channel				647668	650002	652334	Tune-up limit	MPR
Frequency (MHz)				3715.02	3750	3785.01	(dBm)	(dB)
30	QPSK	1	1	17.19	17.24	17.04	18.2	0.0
Channel				647334	650002	652668	Tune-up limit	MPR
Frequency (MHz)				3710.01	3750	3790.02	(dBm)	(dB)
20	QPSK	1	1	17.09	17.13	17.11	18.2	0.0
Channel				647168	650002	653334	Tune-up limit	MPR
Frequency (MHz)				3707.52	3750	3792.51	(dBm)	(dB)
15	QPSK	1	1	17.17	17.15	17.09	18.2	0.0
Channel				647002	650002	653002	Tune-up limit	MPR
Frequency (MHz)				3705	3750	3795	(dBm)	(dB)
10	QPSK	1	1	17.14	17.13	17.09	18.2	0.0

PC2 Part27O n78 Ant12 DSI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	Pi/2 BPSK	1	1		20.08			
100	Pi/2 BPSK	1	137		20.07		21.2	0.0
100	Pi/2 BPSK	1	271		20.06			
100	Pi/2 BPSK	135	0		20.13		21.2	0.0
100	Pi/2 BPSK	135	69		20.13		21.2	0.0
100	Pi/2 BPSK	135	138		20.02		21.2	0.0
100	Pi/2 BPSK	270	0		20.07			
100	QPSK	1	1		20.18		21.2	0.0
100	QPSK	1	137		20.07			
100	QPSK	1	271		20.05			
100	QPSK	135	0		20.12		21.2	0.0
100	QPSK	135	69		20.13		21.2	0.0
100	QPSK	135	138		20.19		21.2	0.0
100	QPSK	270	0		20.05		21.2	0.0
100	16QAM	1	1		20.01		21.2	0.0
100	64QAM	1	1		20.11		21.2	0.0
100	256QAM	1	1		20.03		21.2	0.0
Channel				649668	650002	650334	Tune-up limit	MPR
Frequency (MHz)				3745.02	3750	3755.01	(dBm)	(dB)
90	QPSK	1	1	20.11	20.12	20.05	21.2	0.0
Channel				649334	650002	650668	Tune-up limit	MPR
Frequency (MHz)				3740.01	3750	3760.02	(dBm)	(dB)
80	QPSK	1	1	20.05	20.05	20.08	21.2	0.0
Channel				649002	650002	651002	Tune-up limit	MPR
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)
70	QPSK	1	1	20.10	20.12	20.03	21.2	0.0
Channel				648668	650002	651334	Tune-up limit	MPR
Frequency (MHz)				3730.02	3750	3770.01	(dBm)	(dB)
60	QPSK	1	1	20.08	20.08	20.09	21.2	0.0
Channel				648334	650002	651668	Tune-up limit	MPR
Frequency (MHz)				3725.01	3750	3775.02	(dBm)	(dB)
50	QPSK	1	1	20.09	20.03	20.05	21.2	0.0
Channel				648002	650002	652002	Tune-up limit	MPR
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	20.05	20.05	20.08	21.2	0.0
Channel				647668	650002	652334	Tune-up limit	MPR
Frequency (MHz)				3715.02	3750	3785.01	(dBm)	(dB)
30	QPSK	1	1	20.07	20.04	20.04	21.2	0.0
Channel				647334	650002	652668	Tune-up limit	MPR
Frequency (MHz)				3710.01	3750	3790.02	(dBm)	(dB)
20	QPSK	1	1	20.05	20.07	20.02	21.2	0.0
Channel				647168	650002	653334	Tune-up limit	MPR
Frequency (MHz)				3707.52	3750	3792.51	(dBm)	(dB)
15	QPSK	1	1	20.01	20.12	20.06	21.2	0.0
Channel				647002	650002	653002	Tune-up limit	MPR
Frequency (MHz)				3705	3750	3795	(dBm)	(dB)
10	QPSK	1	1	20.03	20.04	20.02	21.2	0.0

PC3 Part27Q n78 Ant12 DSI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	Pi/2 BPSK	1	1		17.21			
100	Pi/2 BPSK	1	137		17.10		18.2	0.0
100	Pi/2 BPSK	1	271		17.20			
100	Pi/2 BPSK	135	0		17.21		18.2	0.0
100	Pi/2 BPSK	135	69		17.11		18.2	0.0
100	Pi/2 BPSK	135	138		17.10		18.2	0.0
100	Pi/2 BPSK	270	0		17.18			
100	QPSK	1	1		17.26		18.2	0.0
100	QPSK	1	137		17.12			
100	QPSK	1	271		17.18			
100	QPSK	135	0		17.09		18.2	0.0
100	QPSK	135	69		17.22		18.2	0.0
100	QPSK	135	138		17.17		18.2	0.0
100	QPSK	270	0		17.19		18.2	0.0
100	16QAM	1	1		17.17		18.2	0.0
100	64QAM	1	1		17.11		18.2	0.0
100	256QAM	1	1		17.19		18.2	0.0
Channel				633000	633334	633668	Tune-up limit	MPR
Frequency (MHz)				3495	3500.01	3505.02	(dBm)	(dB)
90	QPSK	1	1	17.17	17.19	17.09	18.2	0.0
Channel				632668	633334	634002	Tune-up limit	MPR
Frequency (MHz)				3490.02	3500.01	3510	(dBm)	(dB)
80	QPSK	1	1	17.19	17.14	17.09	18.2	0.0
Channel				632334	633334	634334	Tune-up limit	MPR
Frequency (MHz)				3485.01	3500.01	3515.01	(dBm)	(dB)
70	QPSK	1	1	17.19	17.21	17.04	18.2	0.0
Channel				632002	633334	634668	Tune-up limit	MPR
Frequency (MHz)				3480	3500.01	3520.02	(dBm)	(dB)
60	QPSK	1	1	17.17	17.22	17.05	18.2	0.0
Channel				631668	633334	635002	Tune-up limit	MPR
Frequency (MHz)				3475.02	3500.01	3525	(dBm)	(dB)
50	QPSK	1	1	17.15	17.12	17.03	18.2	0.0
Channel				631334	633334	635334	Tune-up limit	MPR
Frequency (MHz)				3470.01	3500.01	3530.01	(dBm)	(dB)
40	QPSK	1	1	17.17	17.21	17.17	18.2	0.0
Channel				631002	633334	635668	Tune-up limit	MPR
Frequency (MHz)				3465	3500.01	3535.02	(dBm)	(dB)
30	QPSK	1	1	17.20	17.11	17.11	18.2	0.0
Channel				630668	633334	636002	Tune-up limit	MPR
Frequency (MHz)				3460.02	3500.01	3540	(dBm)	(dB)
20	QPSK	1	1	17.13	17.21	17.06	18.2	0.0
Channel				630002	633334	636668	Tune-up limit	MPR
Frequency (MHz)				3457.5	3500.01	3542.52	(dBm)	(dB)
15	QPSK	1	1	17.10	17.09	17.11	18.2	0.0
Channel				630334	633334	636334	Tune-up limit	MPR
Frequency (MHz)				3455.01	3500.01	3545.01	(dBm)	(dB)
10	QPSK	1	1	17.10	17.14	17.15	18.2	0.0

PC2 Part27Q n78 Ant12 DSI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	Pi/2 BPSK	1	1		20.05			
100	Pi/2 BPSK	1	137		20.13		21.2	0.0
100	Pi/2 BPSK	1	271		20.11			
100	Pi/2 BPSK	135	0		20.04		21.2	0.0
100	Pi/2 BPSK	135	69		20.08		21.2	0.0
100	Pi/2 BPSK	135	138		20.09		21.2	0.0
100	Pi/2 BPSK	270	0		20.11			
100	QPSK	1	1		20.20		21.2	0.0
100	QPSK	1	137		20.02			
100	QPSK	1	271		20.04			
100	QPSK	135	0		20.06		21.2	0.0
100	QPSK	135	69		20.12		21.2	0.0
100	QPSK	135	138		20.11		21.2	0.0
100	QPSK	270	0		20.09		21.2	0.0
100	16QAM	1	1		20.12		21.2	0.0
100	64QAM	1	1		20.09		21.2	0.0
100	256QAM	1	1		20.16		21.2	0.0
Channel				633000	633334	633668	Tune-up limit	MPR
Frequency (MHz)				3495	3500.01	3505.02	(dBm)	(dB)
90	QPSK	1	1	20.11	20.11	19.96	21.2	0.0
Channel				632668	633334	634002	Tune-up limit	MPR
Frequency (MHz)				3490.02	3500.01	3510	(dBm)	(dB)
80	QPSK	1	1	20.12	20.18	20.07	21.2	0.0
Channel				632334	633334	634334	Tune-up limit	MPR
Frequency (MHz)				3485.01	3500.01	3515.01	(dBm)	(dB)
70	QPSK	1	1	20.13	20.02	20.04	21.2	0.0
Channel				632002	633334	634668	Tune-up limit	MPR
Frequency (MHz)				3480	3500.01	3520.02	(dBm)	(dB)
60	QPSK	1	1	20.10	20.15	20.00	21.2	0.0
Channel				631668	633334	635002	Tune-up limit	MPR
Frequency (MHz)				3475.02	3500.01	3525	(dBm)	(dB)
50	QPSK	1	1	20.02	20.18	20.00	21.2	0.0
Channel				631334	633334	635334	Tune-up limit	MPR
Frequency (MHz)				3470.01	3500.01	3530.01	(dBm)	(dB)
40	QPSK	1	1	20.04	20.17	20.09	21.2	0.0
Channel				631002	633334	635668	Tune-up limit	MPR
Frequency (MHz)				3465	3500.01	3535.02	(dBm)	(dB)
30	QPSK	1	1	20.10	20.15	19.99	21.2	0.0
Channel				630668	633334	636002	Tune-up limit	MPR
Frequency (MHz)				3460.02	3500.01	3540	(dBm)	(dB)
20	QPSK	1	1	20.13	20.10	20.00	21.2	0.0
Channel				630002	633334	636668	Tune-up limit	MPR
Frequency (MHz)				3457.5	3500.01	3542.52	(dBm)	(dB)
15	QPSK	1	1	20.04	20.16	19.99	21.2	0.0
Channel				630334	633334	636334	Tune-up limit	MPR
Frequency (MHz)				3455.01	3500.01	3545.01	(dBm)	(dB)
10	QPSK	1	1	20.08	20.04	20.09	21.2	0.0

Reduced Power Mode for DSI5

n5 Ant0 DSI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	23.70	23.84	23.69		
20	PI/2 BPSK	1	53	23.84	23.95	23.78	24.2	0.0
20	PI/2 BPSK	1	104	23.65	23.82	23.79		
20	PI/2 BPSK	50	0	23.71	23.88	23.85	24.2	0.0
20	PI/2 BPSK	50	28	23.84	23.95	23.89	24.2	0.0
20	PI/2 BPSK	50	56	23.75	23.90	23.83	24.2	0.0
20	PI/2 BPSK	100	0	23.87	23.92	23.89		
20	QPSK	1	1	23.90	23.99	23.94		
20	QPSK	1	53	23.73	23.87	23.78	24.2	0.0
20	QPSK	1	104	23.72	23.88	23.78		
20	QPSK	50	0	23.84	23.91	23.90	24.2	0.0
20	QPSK	50	28	23.79	23.95	23.82	24.2	0.0
20	QPSK	50	56	23.83	23.87	23.79	24.2	0.0
20	QPSK	100	0	23.77	23.83	23.75		
20	16QAM	1	1	23.76	23.85	23.75	24.2	0.0
20	64QAM	1	1	22.81	22.92	22.77	23.2	1.0
20	256QAM	1	1	20.79	20.83	20.72	21.2	3.0
Channel				166300	167300	168300	Tune-up limit	MPR
Frequency (MHz)				831.5	836.5	841.5	(dBm)	(dB)
15	QPSK	1	1	23.86	23.86	23.78	24.2	0.0
Channel				165800	167300	168800	Tune-up limit	MPR
Frequency (MHz)				829	836.5	844	(dBm)	(dB)
10	QPSK	1	1	23.80	23.94	23.91	24.2	0.0
Channel				165300	167300	169300	Tune-up limit	MPR
Frequency (MHz)				826.5	836.5	846.5	(dBm)	(dB)
5	QPSK	1	1	23.73	23.89	23.78	24.2	0.0

n7 Ant0 DSI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	20.41	20.46	20.31		
40	PI/2 BPSK	1	108	20.49	20.52	20.41	21.6	0.0
40	PI/2 BPSK	1	214	20.50	20.53	20.51		
40	PI/2 BPSK	108	0	20.38	20.45	20.37	21.6	0.0
40	PI/2 BPSK	108	54	20.42	20.48	20.42	21.6	0.0
40	PI/2 BPSK	108	108	20.31	20.42	20.30	21.6	0.0
40	PI/2 BPSK	216	0	20.30	20.43	20.27		
40	QPSK	1	1	20.40	20.60	20.47		
40	QPSK	1	108	20.26	20.41	20.37	21.6	0.0
40	QPSK	1	214	20.38	20.49	20.45		
40	QPSK	108	0	20.33	20.47	20.40	21.6	0.0
40	QPSK	108	54	20.46	20.58	20.46	21.6	0.0
40	QPSK	108	108	20.39	20.51	20.44		
40	QPSK	216	0	20.38	20.48	20.40	21.6	0.0
40	16QAM	1	1	20.41	20.44	20.35	21.6	0.0
40	64QAM	1	1	20.49	20.51	20.38	21.6	0.0
40	256QAM	1	1	19.52	19.55	19.45	20.6	1.0
Channel				503000	507000	511000	Tune-up limit	MPR
Frequency (MHz)				2515	2535	2555	(dBm)	(dB)
30	QPSK	1	1	20.23	20.46	20.31	21.6	0.0
Channel				502500	507000	511500	Tune-up limit	MPR
Frequency (MHz)				2512.5	2535	2557.5	(dBm)	(dB)
25	QPSK	1	1	20.26	20.49	20.32	21.6	0.0
Channel				502000	507000	512000	Tune-up limit	MPR
Frequency (MHz)				2510	2535	2560	(dBm)	(dB)
20	PI/2 BPSK	1	1	20.24	20.48	20.41	21.6	0.0
Channel				501500	507000	512500	Tune-up limit	MPR
Frequency (MHz)				2507.5	2535	2562.5	(dBm)	(dB)
15	QPSK	1	1	20.38	20.43	20.36	21.6	0.0
Channel				501000	507000	513000	Tune-up limit	MPR
Frequency (MHz)				2505	2535	2565	(dBm)	(dB)
10	QPSK	1	1	20.27	20.47	20.40	21.6	0.0
Channel				500500	507000	513500	Tune-up limit	MPR
Frequency (MHz)				2502.5	2535	2567.5	(dBm)	(dB)
5	QPSK	1	1	20.31	20.44	20.38	21.6	0.0

n66 Ant0 DSI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	21.30	21.37	21.27		
40	PI/2 BPSK	1	108	21.18	21.31	21.20	22.7	0.0
40	PI/2 BPSK	1	214	21.21	21.34	21.32		
40	PI/2 BPSK	108	0	21.21	21.25	21.09	22.7	0.0
40	PI/2 BPSK	108	54	21.22	21.35	21.23	22.7	0.0
40	PI/2 BPSK	108	108	21.16	21.33	21.18	22.7	0.0
40	PI/2 BPSK	216	0	21.19	21.25	21.13		
40	QPSK	1	1	21.37	21.40	21.25		
40	QPSK	1	108	21.27	21.31	21.19	22.7	0.0
40	QPSK	1	214	21.22	21.32	21.23		
40	QPSK	108	0	21.29	21.32	21.22	22.7	0.0
40	QPSK	108	54	21.21	21.38	21.32	22.7	0.0
40	QPSK	108	108	21.21	21.28	21.14	22.7	0.0
40	QPSK	216	0	21.32	21.34	21.18		
40	16QAM	1	1	21.22	21.27	21.11	22.7	0.0
40	64QAM	1	1	21.10	21.23	21.19	22.7	0.0
40	256QAM	1	1	19.81	19.91	19.83	21.2	1.5
Channel				345000	349000	353000	Tune-up limit	MPR
Frequency (MHz)				1725	1745	1765	(dBm)	(dB)
30	QPSK	1	1	21.35	21.36	21.13	22.7	0.0
Channel				344500	349000	353500	Tune-up limit	MPR
Frequency (MHz)				1722.5	1745	1767.5	(dBm)	(dB)
25	QPSK	1	1	21.32	21.36	21.15	22.7	0.0
Channel				344000	349000	354000	Tune-up limit	MPR
Frequency (MHz)				1720	1745	1770	(dBm)	(dB)
20	QPSK	1	1	21.28	21.27	21.11	22.7	0.0
Channel				343500	349000	354500	Tune-up limit	MPR
Frequency (MHz)				1717.5	1745	1772.5	(dBm)	(dB)
15	QPSK	1	1	21.21	21.35	21.18	22.7	0.0
Channel				343000	349000	355000	Tune-up limit	MPR
Frequency (MHz)				1715	1745	1775	(dBm)	(dB)
10	QPSK	1	1	21.30	21.25	21.11	22.7	0.0
Channel				342500	349000	355500	Tune-up limit	MPR
Frequency (MHz)				1712.5	1745	1777.5	(dBm)	(dB)
5	QPSK	1	1	21.28	21.34	21.18	22.7	0.0

n71 Ant0 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				134600	136100	137600		
Frequency (MHz)				673	680.5	688		
20	PI/2 BPSK	1	1	24.72	24.77	24.73		
20	PI/2 BPSK	1	53	24.66	24.70	24.57	25.7	0.0
20	PI/2 BPSK	1	104	24.50	24.63	24.56		
20	PI/2 BPSK	50	0	24.17	24.25	24.19	25.2	0.5
20	PI/2 BPSK	50	28	24.63	24.68	24.54	25.7	0.0
20	PI/2 BPSK	50	56	24.18	24.22	24.10	25.2	0.5
20	PI/2 BPSK	100	0	24.17	24.27	24.22		
20	QPSK	1	1	24.75	24.80	24.66		
20	QPSK	1	53	24.71	24.76	24.68	25.7	0.0
20	QPSK	1	104	24.52	24.66	24.55		
20	QPSK	50	0	23.77	23.82	23.76	24.7	1.0
20	QPSK	50	28	24.68	24.76	24.72	25.7	0.0
20	QPSK	50	56	23.57	23.66	23.62	24.7	1.0
20	QPSK	100	0	23.70	23.77	23.71		
20	16QAM	1	1	23.80	23.88	23.79	24.7	1.0
20	64QAM	1	1	22.05	22.19	22.14	23.2	2.5
20	256QAM	1	1	20.14	20.20	20.13	21.2	4.5
Channel				134100	136100	138100	Tune-up limit	MPR
Frequency (MHz)				670.5	680.5	690.5	(dBm)	(dB)
15	QPSK	1	1	24.73	24.86	24.64	25.7	0.0
Channel				133600	136100	138600	Tune-up limit	MPR
Frequency (MHz)				668	680.5	693	(dBm)	(dB)
10	QPSK	1	1	24.77	24.82	24.65	25.7	0.0
Channel				133100	136100	139100	Tune-up limit	MPR
Frequency (MHz)				665.5	680.5	695.5	(dBm)	(dB)
5	QPSK	1	1	24.76	24.84	24.68	25.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	19.64	19.72	19.61		
40	PI/2 BPSK	1	53	19.55	19.64	19.49	20.7	0.0
40	PI/2 BPSK	1	104	19.54	19.66	19.49		
40	PI/2 BPSK	50	0	19.54	19.68	19.65	20.7	0.0
40	PI/2 BPSK	50	28	19.67	19.70	19.61	20.7	0.0
40	PI/2 BPSK	50	56	19.64	19.67	19.62		
40	PI/2 BPSK	100	0	19.47	19.59	19.52	20.7	0.0
40	QPSK	1	1	19.64	19.74	19.57		
40	QPSK	1	53	19.52	19.59	19.50	20.7	0.0
40	QPSK	1	104	19.44	19.58	19.45		
40	QPSK	50	0	19.59	19.68	19.57	20.7	0.0
40	QPSK	50	28	19.64	19.72	19.61	20.7	0.0
40	QPSK	50	56	19.57	19.68	19.56		
40	QPSK	100	0	19.55	19.68	19.58	20.7	0.0
40	16QAM	1	1	19.56	19.63	19.55	20.7	0.0
40	64QAM	1	1	19.58	19.71	19.63	20.7	0.0
40	256QAM	1	1	19.19	19.22	19.16	20.2	0.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	19.55	19.64	19.51	20.7	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	19.60	19.63	19.41	20.7	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	19.57	19.64	19.44	20.7	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	19.51	19.70	19.41	20.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	20.42	20.49	20.34		
100	PI/2 BPSK	1	137	20.24	20.41	20.38	21.5	0.0
100	PI/2 BPSK	1	271	20.29	20.42	20.27		
100	PI/2 BPSK	135	0	20.39	20.48	20.43	21.5	0.0
100	PI/2 BPSK	135	69	20.38	20.43	20.36	21.5	0.0
100	PI/2 BPSK	135	138	20.35	20.46	20.39	21.5	0.0
100	PI/2 BPSK	270	0	20.38	20.42	20.39		
100	QPSK	1	1	20.49	20.57	20.47		
100	QPSK	1	137	20.35	20.51	20.48	21.5	0.0
100	QPSK	1	271	20.28	20.43	20.40		
100	QPSK	135	0	20.35	20.46	20.44	21.5	0.0
100	QPSK	135	69	20.47	20.53	20.46	21.5	0.0
100	QPSK	135	138	20.39	20.48	20.33	21.5	0.0
100	QPSK	270	0	20.34	20.51	20.37		
100	16QAM	1	1	20.42	20.46	20.41	21.5	0.0
100	64QAM	1	1	20.26	20.41	20.28	21.5	0.0
100	256QAM	1	1	19.38	19.54	19.49	20.5	1.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	20.35	20.55	20.41	21.5	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	20.33	20.53	20.38	21.5	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	20.43	20.54	20.35	21.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	20.37	20.51	20.40	21.5	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	20.40	20.46	20.35	21.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	20.34	20.42	20.44	21.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	20.39	20.53	20.37	21.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	20.42	20.43	20.39	21.5	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	20.40	20.40	20.30	21.5	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	20.39	20.46	20.41	21.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	19.91	19.78	19.86		
20	PI/2 BPSK	1	53	19.79	19.85	19.72	21.2	0.0
20	PI/2 BPSK	1	104	19.72	19.77	19.92		
20	PI/2 BPSK	50	0	19.89	19.81	19.87	21.2	0.0
20	PI/2 BPSK	50	28	19.81	19.83	19.86	21.2	0.0
20	PI/2 BPSK	50	56	19.85	19.74	19.77	21.2	0.0
20	PI/2 BPSK	100	0	19.75	19.90	19.91		
20	QPSK	1	1	19.73	19.94	19.86		
20	QPSK	1	53	19.80	19.83	19.84	21.2	0.0
20	QPSK	1	104	19.74	19.75	19.80		
20	QPSK	50	0	19.81	19.79	19.83	21.2	0.0
20	QPSK	50	28	19.76	19.84	19.70	21.2	0.0
20	QPSK	50	56	19.74	19.68	19.69	21.2	0.0
20	QPSK	100	0	19.66	19.78	19.74		
20	16QAM	1	1	19.76	19.90	19.80	21.2	0.0
20	64QAM	1	1	19.71	19.76	19.73	21.2	0.0
20	256QAM	1	1	19.93	19.84	19.80	21.2	0.0
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	19.84	19.79	19.77	21.2	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	19.75	19.77	19.76	21.2	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	19.72	19.86	19.73	21.2	0.0

n71 Ant1 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				134600	136100	137600		
Frequency (MHz)				673	680.5	688		
20	PI/2 BPSK	1	1	24.41	24.46	24.30		
20	PI/2 BPSK	1	53	24.35	24.44	24.29	25.7	0.0
20	PI/2 BPSK	1	104	24.20	24.35	24.28		
20	PI/2 BPSK	50	0	23.80	23.94	23.77	25.2	0.5
20	PI/2 BPSK	50	28	24.38	24.42	24.37	25.7	0.0
20	PI/2 BPSK	50	56	23.77	23.90	23.80	25.2	0.5
20	PI/2 BPSK	100	0	23.86	23.94	23.85		
20	QPSK	1	1	24.38	24.51	24.44		
20	QPSK	1	53	24.32	24.42	24.38	25.7	0.0
20	QPSK	1	104	24.36	24.43	24.41		
20	QPSK	50	0	23.33	23.43	23.32	24.7	1.0
20	QPSK	50	28	24.44	24.49	24.39	25.7	0.0
20	QPSK	50	56	23.35	23.41	23.37	24.7	1.0
20	QPSK	100	0	23.31	23.49	23.36		
20	16QAM	1	1	23.37	23.55	23.45	24.7	1.0
20	64QAM	1	1	21.87	21.97	21.94	23.2	2.5
20	256QAM	1	1	19.95	20.01	19.87	21.2	4.5
Channel				134100	136100	138100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	1	24.35	24.44	24.38	25.7	0.0
Channel				133600	136100	138600	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	680.5	693		
10	QPSK	1	1	24.28	24.36	24.29	25.7	0.0
Channel				133100	136100	139100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	680.5	695.5		
5	QPSK	1	1	24.28	24.48	24.34	25.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel			650000	656000	662000		
	Frequency (MHz)			3750	3840	3930		
100	PI/2 BPSK	1	1	13.87	13.87	13.86	15.5	0.0
100	PI/2 BPSK	1	137	13.96	13.96	13.77		
100	PI/2 BPSK	1	271	13.91	13.79	13.91		
100	PI/2 BPSK	135	0	13.97	13.78	13.71	15.5	0.0
100	PI/2 BPSK	135	69	13.81	13.86	13.70	15.5	0.0
100	PI/2 BPSK	135	138	13.83	13.82	13.91	15.5	0.0
100	PI/2 BPSK	270	0	13.92	13.85	13.89		
100	QPSK	1	1	13.77	13.97	13.93	15.5	0.0
100	QPSK	1	137	13.80	13.88	13.92		
100	QPSK	1	271	13.88	13.78	13.73		
100	QPSK	135	0	13.80	13.91	13.82	15.5	0.0
100	QPSK	135	69	13.79	13.94	13.92	15.5	0.0
100	QPSK	135	138	13.94	13.86	13.72	15.5	0.0
100	QPSK	270	0	13.81	13.85	13.75	15.5	0.0
100	16QAM	1	1	13.78	13.87	13.85	15.5	0.0
100	64QAM	1	1	13.93	13.87	13.85	15.5	0.0
100	256QAM	1	1	13.91	13.82	13.75	15.5	0.0
	Channel			648668	656000	663334	Tune-up limit	MPR
	Frequency (MHz)			3745.02	3840	3935.01	(dBm)	(dB)
90	QPSK	1	1	13.86	13.94	13.88	15.5	0.0
	Channel			649334	656000	662668	Tune-up limit	MPR
	Frequency (MHz)			3740.01	3840	3940.02	(dBm)	(dB)
80	QPSK	1	1	13.66	13.87	13.84	15.5	0.0
	Channel			649002	656000	663002	Tune-up limit	MPR
	Frequency (MHz)			3735	3840	3945	(dBm)	(dB)
70	QPSK	1	1	13.70	13.87	13.83	15.5	0.0
	Channel			648668	656000	663334	Tune-up limit	MPR
	Frequency (MHz)			3730.02	3840	3950.01	(dBm)	(dB)
60	QPSK	1	1	13.73	13.93	13.89	15.5	0.0
	Channel			649334	656000	662668	Tune-up limit	MPR
	Frequency (MHz)			3725.01	3840	3955.02	(dBm)	(dB)
50	QPSK	1	1	13.83	13.64	13.95	15.5	0.0
	Channel			649002	656000	664002	Tune-up limit	MPR
	Frequency (MHz)			3720	3840	3960	(dBm)	(dB)
40	QPSK	1	1	13.77	13.79	13.87	15.5	0.0
	Channel			647668	656000	664334	Tune-up limit	MPR
	Frequency (MHz)			3715.02	3840	3965.01	(dBm)	(dB)
30	QPSK	1	1	13.77	13.91	13.93	15.5	0.0
	Channel			647334	656000	664668	Tune-up limit	MPR
	Frequency (MHz)			3710.01	3840	3970.02	(dBm)	(dB)
20	QPSK	1	1	13.77	13.84	13.95	15.5	0.0
	Channel			647168	656000	664834	Tune-up limit	MPR
	Frequency (MHz)			3707.52	3840	3972.51	(dBm)	(dB)
15	QPSK	1	1	13.69	13.88	13.84	15.5	0.0
	Channel			647000	656000	665000	Tune-up limit	MPR
	Frequency (MHz)			3705	3840	3975	(dBm)	(dB)
10	QPSK	1	1	13.73	13.85	13.75	15.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel			650000	656000	662000		
	Frequency (MHz)			3750	3840	3930		
100	PI/2 BPSK	1	1	16.76	16.94	16.83	18.5	0.0
100	PI/2 BPSK	1	137	16.76	16.76	16.86		
100	PI/2 BPSK	1	271	16.96	16.86	16.79		
100	PI/2 BPSK	135	0	16.82	16.81	16.94	18.5	0.0
100	PI/2 BPSK	135	69	16.74	16.76	16.80	18.5	0.0
100	PI/2 BPSK	135	138	16.88	16.94	16.78	18.5	0.0
100	PI/2 BPSK	270	0	16.75	16.76	16.77		
100	QPSK	1	1	16.79	16.99	16.80	18.5	0.0
100	QPSK	1	137	16.82	16.96	16.78		
100	QPSK	1	271	16.85	16.76	16.97		
100	QPSK	135	0	16.74	16.77	16.83	18.5	0.0
100	QPSK	135	69	16.79	16.89	16.74	18.5	0.0
100	QPSK	135	138	16.71	16.79	16.82	18.5	0.0
100	QPSK	270	0	16.78	16.79	16.73	18.5	0.0
100	16QAM	1	1	16.92	16.73	16.81	18.5	0.0
100	64QAM	1	1	16.96	16.75	16.85	18.5	0.0
100	256QAM	1	1	16.75	16.91	16.95	18.5	0.0
	Channel			648668	656000	663334	Tune-up limit	MPR
	Frequency (MHz)			3745.02	3840	3935.01	(dBm)	(dB)
90	QPSK	1	1	16.77	16.81	16.95	18.5	0.0
	Channel			649334	656000	662668	Tune-up limit	MPR
	Frequency (MHz)			3740.01	3840	3940.02	(dBm)	(dB)
80	QPSK	1	1	16.73	16.83	16.76	18.5	0.0
	Channel			649002	656000	663002	Tune-up limit	MPR
	Frequency (MHz)			3735	3840	3945	(dBm)	(dB)
70	QPSK	1	1	16.81	16.92	16.74	18.5	0.0
	Channel			648668	656000	663334	Tune-up limit	MPR
	Frequency (MHz)			3730.02	3840	3950.01	(dBm)	(dB)
60	QPSK	1	1	16.91	16.90	16.84	18.5	0.0
	Channel			649334	656000	662668	Tune-up limit	MPR
	Frequency (MHz)			3725.01	3840	3955.02	(dBm)	(dB)
50	QPSK	1	1	16.78	16.93	16.88	18.5	0.0
	Channel			649002	656000	664002	Tune-up limit	MPR
	Frequency (MHz)			3720	3840	3960	(dBm)	(dB)
40	QPSK	1	1	16.89	16.82	16.86	18.5	0.0
	Channel			647668	656000	664334	Tune-up limit	MPR
	Frequency (MHz)			3715.02	3840	3965.01	(dBm)	(dB)
30	QPSK	1	1	16.94	16.86	16.91	18.5	0.0
	Channel			647334	656000	664668	Tune-up limit	MPR
	Frequency (MHz)			3710.01	3840	3970.02	(dBm)	(dB)
20	QPSK	1	1	16.78	16.96	16.91	18.5	0.0
	Channel			647168	656000	664834	Tune-up limit	MPR
	Frequency (MHz)			3707.52	3840	3972.51	(dBm)	(dB)
15	QPSK	1	1	16.96	16.79	16.76	18.5	0.0
	Channel			647000	656000	665000	Tune-up limit	MPR
	Frequency (MHz)			3705	3840	3975	(dBm)	(dB)
10	QPSK	1	1	16.86	16.83	16.86	18.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel				633334			
	Frequency (MHz)				3500.01			
100	PI/2 BPSK	1	1		13.65		15.5	0.0
100	PI/2 BPSK	1	137		13.61			
100	PI/2 BPSK	1	271		13.54			
100	PI/2 BPSK	135	0		13.57		15.5	0.0
100	PI/2 BPSK	135	69		13.58		15.5	0.0
100	PI/2 BPSK	135	138		13.63		15.5	0.0
100	PI/2 BPSK	270	0		13.70			
100	QPSK	1	1		13.76		15.5	0.0
100	QPSK	1	137		13.64			
100	QPSK	1	271		13.73			
100	QPSK	135	0		13.67		15.5	0.0
100	QPSK	135	69		13.72		15.5	0.0
100	QPSK	135	138		13.60		15.5	0.0
100	QPSK	270	0		13.68		15.5	0.0
100	16QAM	1	1		13.68		15.5	0.0
100	64QAM	1	1		13.71		15.5	0.0
100	256QAM	1	1		13.75		15.5	0.0
	Channel			633000	633334	633668	Tune-up limit	MPR
	Frequency (MHz)			3495	3500.01	3505.02	(dBm)	(dB)
90	QPSK	1	1	13.60	13.53	13.55	15.5	0.0
	Channel			632668	633334	634002	Tune-up limit	MPR
	Frequency (MHz)			3490.02	3500.01	3510	(dBm)	(dB)
80	QPSK	1	1	13.57	13.58	13.59	15.5	0.0
	Channel			632334	633334	634334	Tune-up limit	MPR
	Frequency (MHz)			3485.01	3500.01	3515.01	(dBm)	(dB)
70	QPSK	1	1	13.59	13.59	13.51	15.5	0.0
	Channel			632002	633334	634668	Tune-up limit	MPR
	Frequency (MHz)			3480	3500.01	3520.02	(dBm)	(dB)
60	QPSK	1	1	13.54	13.64	13.59	15.5	0.0
	Channel			631668	633334	635002	Tune-up limit	MPR
	Frequency (MHz)			3475.02	3500.01	3525	(dBm)	(dB)
50	QPSK	1	1	13.62	13.60	13.51	15.5	0.0
	Channel			631334	633334	635334	Tune-up limit	MPR
	Frequency (MHz)			3470.01	3500.01	3530.01	(dBm)	(dB)
40	QPSK	1	1	13.62	13.60	13.59	15.5	0.0
	Channel			631002	633334	635668	Tune-up limit	MPR
	Frequency (MHz)			3465	3500.01	3535.02	(dBm)	(dB)
30	QPSK	1	1	13.57	13.62	13.62	15.5	0.0
	Channel			630668	633334	636002	Tune-up limit	MPR
	Frequency (MHz)			3460.02	3500.01	3540	(dBm)	(dB)
20	QPSK	1	1	13.58	13.58	13.52	15.5	0.0
	Channel			630502	633334	636168	Tune-up limit	MPR
	Frequency (MHz)			3457.5	3500.01	3542.52	(dBm)	(dB)
15	QPSK	1	1	13.60	13.60	13.54	15.5	0.0
	Channel			630334	633334	636334	Tune-up limit	MPR
	Frequency (MHz)			3455.01	3500.01	3545.01	(dBm)	(dB)
10	QPSK	1	1	13.52	13.60	13.60	15.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel				633334			
	Frequency (MHz)				3500.01			
100	PI/2 BPSK	1	1		16.57		18.5	0.0
100	PI/2 BPSK	1	137		16.57			
100	PI/2 BPSK	1	271		16.55			
100	PI/2 BPSK	135	0		16.51		18.5	0.0
100	PI/2 BPSK	135	69		16.53		18.5	0.0
100	PI/2 BPSK	135	138		16.56		18.5	0.0
100	PI/2 BPSK	270	0		16.52			
100	QPSK	1	1		16.60		18.5	0.0
100	QPSK	1	137		16.54			
100	QPSK	1	271		16.57			
100	QPSK	135	0		16.52		18.5	0.0
100	QPSK	135	69		16.53		18.5	0.0
100	QPSK	135	138		16.52		18.5	0.0
100	QPSK	270	0		16.54			
100	16QAM	1	1		16.51		18.5	0.0
100	64QAM	1	1		16.56		18.5	0.0
100	256QAM	1	1		16.57		18.5	0.0
	Channel			633000	633334	633668	Tune-up limit	MPR
	Frequency (MHz)			3495	3500.01	3505.02	(dBm)	(dB)
90	QPSK	1	1	16.59	16.54	16.57	18.5	0.0
	Channel			632668	633334	634002	Tune-up limit	MPR
	Frequency (MHz)			3490.02	3500.01	3510	(dBm)	(dB)
80	QPSK	1	1	16.55	16.53	16.58	18.5	0.0
	Channel			632334	633334	634334	Tune-up limit	MPR
	Frequency (MHz)			3485.01	3500.01	3515.01	(dBm)	(dB)
70	QPSK	1	1	16.52	16.53	16.56	18.5	0.0
	Channel			632002	633334	634668	Tune-up limit	MPR
	Frequency (MHz)			3480	3500.01	3520.02	(dBm)	(dB)
60	QPSK	1	1	16.58	16.56	16.58	18.5	0.0
	Channel			631668	633334	635002	Tune-up limit	MPR
	Frequency (MHz)			3475.02	3500.01	3525	(dBm)	(dB)
50	QPSK	1	1	16.51	16.56	16.51	18.5	0.0
	Channel			631334	633334	635334	Tune-up limit	MPR
	Frequency (MHz)			3470.01	3500.01	3530.01	(dBm)	(dB)
40	QPSK	1	1	16.54	16.55	16.52	18.5	0.0
	Channel			631002	633334	635668	Tune-up limit	MPR
	Frequency (MHz)			3465	3500.01	3535.02	(dBm)	(dB)
30	QPSK	1	1	16.53	16.58	16.59	18.5	0.0
	Channel			630668	633334	636002	Tune-up limit	MPR
	Frequency (MHz)			3460.02	3500.01	3540	(dBm)	(dB)
20	QPSK	1	1	16.59	16.52	16.54	18.5	0.0
	Channel			630502	633334	636168	Tune-up limit	MPR
	Frequency (MHz)			3457.5	3500.01	3542.52	(dBm)	(dB)
15	QPSK	1	1	16.51	16.59	16.52	18.5	0.0
	Channel			630334	633334	636334	Tune-up limit	MPR
	Frequency (MHz)			3455.01	3500.01	3545.01	(dBm)	(dB)
10	QPSK	1	1	16.56	16.52	16.53	18.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
		Channel		650000	650000	650000		
		Frequency (MHz)		3750	3750	3750		
100	PI/2 BPSK	1	1		14.45			
100	PI/2 BPSK	1	137		14.47		16.0	0.0
100	PI/2 BPSK	1	271		14.42			
100	PI/2 BPSK	135	0		14.58		16.0	0.0
100	PI/2 BPSK	135	69		14.54		16.0	0.0
100	PI/2 BPSK	135	138		14.57		16.0	0.0
100	PI/2 BPSK	270	0		14.56			
100	QPSK	1	1		14.63		16.0	0.0
100	QPSK	1	137		14.53			
100	QPSK	1	271		14.48			
100	QPSK	135	0		14.51		16.0	0.0
100	QPSK	135	69		14.58		16.0	0.0
100	QPSK	135	138		14.55		16.0	0.0
100	QPSK	270	0		14.54		16.0	0.0
100	16QAM	1	1		14.44		16.0	0.0
100	64QAM	1	1		14.56		16.0	0.0
100	256QAM	1	1		14.52		16.0	0.0
		Channel		649668	650334	650334	Tune-up limit	MPR
		Frequency (MHz)		3745.02	3750	3755.01	(dBm)	(dB)
90	QPSK	1	1	14.42	14.32	14.42	16.0	0.0
		Channel		649334	650002	650668	Tune-up limit	MPR
		Frequency (MHz)		3740.01	3750	3760.02	(dBm)	(dB)
80	QPSK	1	1	14.36	14.31	14.32	16.0	0.0
		Channel		649002	650002	651002	Tune-up limit	MPR
		Frequency (MHz)		3735	3750	3765	(dBm)	(dB)
70	QPSK	1	1	14.22	14.22	14.35	16.0	0.0
		Channel		648668	650002	651334	Tune-up limit	MPR
		Frequency (MHz)		3730.02	3750	3770.01	(dBm)	(dB)
60	QPSK	1	1	14.32	14.38	14.41	16.0	0.0
		Channel		648334	650002	651668	Tune-up limit	MPR
		Frequency (MHz)		3725.01	3750	3775.02	(dBm)	(dB)
50	QPSK	1	1	14.23	14.22	14.42	16.0	0.0
		Channel		648002	650002	652002	Tune-up limit	MPR
		Frequency (MHz)		3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	14.32	14.33	14.34	16.0	0.0
		Channel		647668	650002	652334	Tune-up limit	MPR
		Frequency (MHz)		3715.02	3750	3785.01	(dBm)	(dB)
30	QPSK	1	1	14.39	14.23	14.34	16.0	0.0
		Channel		647334	650002	652668	Tune-up limit	MPR
		Frequency (MHz)		3710.01	3750	3790.02	(dBm)	(dB)
20	QPSK	1	1	14.29	14.40	14.43	16.0	0.0
		Channel		647168	650002	653334	Tune-up limit	MPR
		Frequency (MHz)		3707.52	3750	3792.51	(dBm)	(dB)
15	QPSK	1	1	14.37	14.43	14.37	16.0	0.0
		Channel		647000	650002	653002	Tune-up limit	MPR
		Frequency (MHz)		3705	3750	3795	(dBm)	(dB)
10	QPSK	1	1	14.27	14.38	14.35	16.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
		Channel		650000	650000	650000		
		Frequency (MHz)		3750	3750	3750		
100	PI/2 BPSK	1	1		17.44			
100	PI/2 BPSK	1	137		17.47		19.0	0.0
100	PI/2 BPSK	1	271		17.42			
100	PI/2 BPSK	135	0		17.38		19.0	0.0
100	PI/2 BPSK	135	69		17.36		19.0	0.0
100	PI/2 BPSK	135	138		17.42		19.0	0.0
100	PI/2 BPSK	270	0		17.40			
100	QPSK	1	1		17.48		19.0	0.0
100	QPSK	1	137		17.43			
100	QPSK	1	271		17.38			
100	QPSK	135	0		17.39		19.0	0.0
100	QPSK	135	69		17.46		19.0	0.0
100	QPSK	135	138		17.41		19.0	0.0
100	QPSK	270	0		17.42		19.0	0.0
100	16QAM	1	1		17.37		19.0	0.0
100	64QAM	1	1		17.41		19.0	0.0
100	256QAM	1	1		17.45		19.0	0.0
		Channel		649668	650002	650334	Tune-up limit	MPR
		Frequency (MHz)		3745.02	3750	3755.01	(dBm)	(dB)
90	QPSK	1	1	17.34	17.27	17.29	19.0	0.0
		Channel		649334	650002	650668	Tune-up limit	MPR
		Frequency (MHz)		3740.01	3750	3760.02	(dBm)	(dB)
80	QPSK	1	1	17.27	17.34	17.30	19.0	0.0
		Channel		649002	650002	651002	Tune-up limit	MPR
		Frequency (MHz)		3735	3750	3765	(dBm)	(dB)
70	QPSK	1	1	17.24	17.31	17.33	19.0	0.0
		Channel		648668	650002	651334	Tune-up limit	MPR
		Frequency (MHz)		3730.02	3750	3770.01	(dBm)	(dB)
60	QPSK	1	1	17.23	17.31	17.27	19.0	0.0
		Channel		648334	650002	651668	Tune-up limit	MPR
		Frequency (MHz)		3725.01	3750	3775.02	(dBm)	(dB)
50	QPSK	1	1	17.35	17.34	17.29	19.0	0.0
		Channel		648002	650002	652002	Tune-up limit	MPR
		Frequency (MHz)		3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	17.35	17.31	17.25	19.0	0.0
		Channel		647668	650002	652334	Tune-up limit	MPR
		Frequency (MHz)		3715.02	3750	3785.01	(dBm)	(dB)
30	QPSK	1	1	17.35	17.30	17.23	19.0	0.0
		Channel		647334	650002	652668	Tune-up limit	MPR
		Frequency (MHz)		3710.01	3750	3790.02	(dBm)	(dB)
20	QPSK	1	1	17.28	17.29	17.29	19.0	0.0
		Channel		647168	650002	653334	Tune-up limit	MPR
		Frequency (MHz)		3707.52	3750	3792.51	(dBm)	(dB)
15	QPSK	1	1	17.32	17.24	17.32	19.0	0.0
		Channel		647000	650002	653002	Tune-up limit	MPR
		Frequency (MHz)		3705	3750	3795	(dBm)	(dB)
10	QPSK	1	1	17.31	17.32	17.29	19.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
		Channel			633334			
		Frequency (MHz)			3500.01			
100	PI/2 BPSK	1	1		14.33			
100	PI/2 BPSK	1	137		14.46		16.0	0.0
100	PI/2 BPSK	1	271		14.48			
100	PI/2 BPSK	135	0		14.45		16.0	0.0
100	PI/2 BPSK	135	69		14.49		16.0	0.0
100	PI/2 BPSK	135	138		14.38		16.0	0.0
100	PI/2 BPSK	270	0		14.37			
100	QPSK	1	1		14.59		16.0	0.0
100	QPSK	1	137		14.45			
100	QPSK	1	271		14.46			
100	QPSK	135	0		14.47		16.0	0.0
100	QPSK	135	69		14.55		16.0	0.0
100	QPSK	135	138		14.54		16.0	0.0
100	QPSK	270	0		14.43		16.0	0.0
100	16QAM	1	1		14.50		16.0	0.0
100	64QAM	1	1		14.46		16.0	0.0
100	256QAM	1	1		14.51		16.0	0.0
		Channel		633000	633334	633668	Tune-up limit	MPR
		Frequency (MHz)		3495	3500.01	3505.02	(dBm)	(dB)
90	QPSK	1	1	14.28	14.35	14.30	16.0	0.0
		Channel		632668	633334	634002	Tune-up limit	MPR
		Frequency (MHz)		3490.02	3500.01	3510	(dBm)	(dB)
80	QPSK	1	1	14.30	14.36	14.31	16.0	0.0
		Channel		632334	633334	634334	Tune-up limit	MPR
		Frequency (MHz)		3485.01	3500.01	3515.01	(dBm)	(dB)
70	QPSK	1	1	14.30	14.37	14.33	16.0	0.0
		Channel		632002	633334	634668	Tune-up limit	MPR
		Frequency (MHz)		3480	3500.01	3520.02	(dBm)	(dB)
60	QPSK	1	1	14.30	14.37	14.30	16.0	0.0
		Channel		631668	633334	635002	Tune-up limit	MPR
		Frequency (MHz)		3475.02	3500.01	3525	(dBm)	(dB)
50	QPSK	1	1	14.31	14.35	14.31	16.0	0.0
		Channel		631334	633334	635334	Tune-up limit	MPR
		Frequency (MHz)		3470.01	3500.01	3530.01	(dBm)	(dB)
40	QPSK	1	1	14.27	14.35	14.30	16.0	0.0
		Channel		631002	633334	635668	Tune-up limit	MPR
		Frequency (MHz)		3465	3500.01	3535.02	(dBm)	(dB)
30	QPSK	1	1	14.33	14.36	14.34	16.0	0.0
		Channel		630668	633334	636002	Tune-up limit	MPR
		Frequency (MHz)		3460.02	3500.01	3540	(dBm)	(dB)
20	QPSK	1	1	14.30	14.38	14.30	16.0	0.0
		Channel		630002	633334	636668	Tune-up limit	MPR
		Frequency (MHz)		3457.5	3500.01	3542.52	(dBm)	(dB)
15	QPSK	1	1	14.27	14.33	14.32	16.0	0.0
		Channel		629334	633334	637334	Tune-up limit	MPR
		Frequency (MHz)		3455.01	3500.01	3545.01	(dBm)	(dB)
10	QPSK	1	1	14.28	14.34	14.31	16.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
		Channel			633334			
		Frequency (MHz)			3500.01			
100	PI/2 BPSK	1	1		17.34			
100	PI/2 BPSK	1	137		17.13		19.0	0.0
100	PI/2 BPSK	1	271		17.16			
100	PI/2 BPSK	135	0		17.25		19.0	0.0
100	PI/2 BPSK	135	69		17.18		19.0	0.0
100	PI/2 BPSK	135	138		17.18		19.0	0.0
100	PI/2 BPSK	270	0		17.17			
100	QPSK	1	1		17.37		19.0	0.0
100	QPSK	1	137		17.34			
100	QPSK	1	271		17.33			
100	QPSK	135	0		17.26		19.0	0.0
100	QPSK	135	69		17.33		19.0	0.0
100	QPSK	135	138		17.20		19.0	0.0
100	QPSK	270	0		17.24		19.0	0.0
100	16QAM	1	1		17.20		19.0	0.0
100	64QAM	1	1		17.32		19.0	0.0
100	256QAM	1	1		17.17		19.0	0.0
		Channel		633000	633334	633668	Tune-up limit	MPR
		Frequency (MHz)		3495	3500.01	3505.02	(dBm)	(dB)
90	QPSK	1	1	17.32	17.20	17.18	19.0	0.0
		Channel		632668	633334	634002	Tune-up limit	MPR
		Frequency (MHz)		3490.02	3500.01	3510	(dBm)	(dB)
80	QPSK	1	1	17.21	17.21	17.29	19.0	0.0
		Channel		632334	633334	634334	Tune-up limit	MPR
		Frequency (MHz)		3485.01	3500.01	3515.01	(dBm)	(dB)
70	QPSK	1	1	17.18	17.35	17.17	19.0	0.0
		Channel		632002	633334	634668	Tune-up limit	MPR
		Frequency (MHz)		3480	3500.01	3520.02	(dBm)	(dB)
60	QPSK	1	1	17.22	17.29	17.21	19.0	0.0
		Channel		631668	633334	635002	Tune-up limit	MPR
		Frequency (MHz)		3475.02	3500.01	3525	(dBm)	(dB)
50	QPSK	1	1	17.28	17.18	17.23	19.0	0.0
		Channel		631334	633334	635334	Tune-up limit	MPR
		Frequency (MHz)		3470.01	3500.01	3530.01	(dBm)	(dB)
40	QPSK	1	1	17.30	17.28	17.14	19.0	0.0
		Channel		631002	633334	635668	Tune-up limit	MPR
		Frequency (MHz)		3465	3500.01	3535.02	(dBm)	(dB)
30	QPSK	1	1	17.19	17.26	17.20	19.0	0.0
		Channel		630668	633334	636002	Tune-up limit	MPR
		Frequency (MHz)		3460.02	3500.01	3540	(dBm)	(dB)
20	QPSK	1	1	17.17	17.25	17.20	19.0	0.0
		Channel		630002	633334	636668	Tune-up limit	MPR
		Frequency (MHz)		3457.5	3500.01	3542.52	(dBm)	(dB)
15	QPSK	1	1	17.15	17.32	17.28	19.0	0.0
		Channel		629334	633334	637334	Tune-up limit	MPR
		Frequency (MHz)		3455.01	3500.01	3545.01	(dBm)	(dB)
10	QPSK	1	1	17.20	17.25	17.16	19.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	18.66	18.70	18.65		
40	PI/2 BPSK	1	108	18.63	18.65	18.63	19.2	0.0
40	PI/2 BPSK	1	214	18.69	18.73	18.64		
40	PI/2 BPSK	108	0	18.55	18.66	18.59	19.2	0.0
40	PI/2 BPSK	108	54	18.73	18.75	18.67	19.2	0.0
40	PI/2 BPSK	108	108	18.60	18.73	18.62	19.2	0.0
40	PI/2 BPSK	216	0	18.68	18.75	18.63		
40	QPSK	1	1	18.75	18.82	18.71		
40	QPSK	1	108	18.62	18.70	18.57	19.2	0.0
40	QPSK	1	214	18.72	18.75	18.71		
40	QPSK	108	0	18.59	18.64	18.60	19.2	0.0
40	QPSK	108	54	18.70	18.77	18.65	19.2	0.0
40	QPSK	108	108	18.72	18.75	18.72	19.2	0.0
40	QPSK	216	0	18.65	18.79	18.76		
40	16QAM	1	1	18.69	18.76	18.72	19.2	0.0
40	64QAM	1	1	18.52	18.67	18.63	19.2	0.0
40	256QAM	1	1	18.51	18.63	18.59	19.2	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	18.65	18.74	18.75	19.2	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	18.59	18.77	18.75	19.2	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	18.67	18.79	18.77	19.2	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	18.72	18.75	18.64	19.2	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	18.67	18.73	18.74	19.2	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	18.65	18.68	18.69	19.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	22.23	22.30	22.13		
40	PI/2 BPSK	1	108	22.15	22.26	22.19	22.7	0.0
40	PI/2 BPSK	1	214	22.25	22.33	22.24		
40	PI/2 BPSK	108	0	22.13	22.24	22.11	22.7	0.0
40	PI/2 BPSK	108	54	22.18	22.21	22.11	22.7	0.0
40	PI/2 BPSK	108	108	22.19	22.23	22.18	22.7	0.0
40	PI/2 BPSK	216	0	22.09	22.20	22.05		
40	QPSK	1	1	22.31	22.35	22.25		
40	QPSK	1	108	22.13	22.25	22.08	22.7	0.0
40	QPSK	1	214	22.25	22.31	22.17		
40	QPSK	108	0	22.23	22.28	22.12	22.7	0.0
40	QPSK	108	54	22.15	22.30	22.13	22.7	0.0
40	QPSK	108	108	22.13	22.19	22.15	22.7	0.0
40	QPSK	216	0	22.19	22.28	22.18		
40	16QAM	1	1	22.29	22.31	22.15	22.7	0.0
40	64QAM	1	1	22.17	22.20	22.05	22.7	0.0
40	256QAM	1	1	20.75	20.84	20.69	21.2	1.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	22.18	22.20	22.18	22.7	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	22.19	22.28	22.11	22.7	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	22.19	22.20	22.08	22.7	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	22.29	22.22	22.14	22.7	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	22.15	22.32	22.09	22.7	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	22.22	22.18	22.10	22.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	17.64	17.72	17.66		
40	PI/2 BPSK	1	53	17.52	17.69	17.67	18.2	0.0
40	PI/2 BPSK	1	104	17.71	17.79	17.69		
40	PI/2 BPSK	50	0	17.53	17.62	17.49	18.2	0.0
40	PI/2 BPSK	50	28	17.52	17.68	17.52	18.2	0.0
40	PI/2 BPSK	50	56	17.60	17.66	17.62	18.2	0.0
40	PI/2 BPSK	100	0	17.56	17.68	17.53		
40	QPSK	1	1	17.74	17.81	17.71		
40	QPSK	1	53	17.64	17.77	17.72	18.2	0.0
40	QPSK	1	104	17.58	17.70	17.59		
40	QPSK	50	0	17.65	17.70	17.66	18.2	0.0
40	QPSK	50	28	17.60	17.73	17.66	18.2	0.0
40	QPSK	50	56	17.59	17.64	17.51	18.2	0.0
40	QPSK	100	0	17.64	17.73	17.64	18.2	0.0
40	16QAM	1	1	17.61	17.75	17.65	18.2	0.0
40	64QAM	1	1	17.65	17.67	17.56	18.2	0.0
40	256QAM	1	1	17.55	17.61	17.52	18.2	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	17.63	17.71	17.65	18.2	0.0
Channel				516900	519000	521200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	17.62	17.65	17.59	18.2	0.0
Channel				515902	519000	522198	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	17.59	17.71	17.64	18.2	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	17.62	17.72	17.69	18.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	18.85	18.91	18.81		
100	PI/2 BPSK	1	137	18.76	18.92	18.82	19.2	0.0
100	PI/2 BPSK	1	271	18.81	18.96	18.83		
100	PI/2 BPSK	135	0	18.88	19.04	18.98	19.2	0.0
100	PI/2 BPSK	135	69	18.85	18.94	18.91	19.2	0.0
100	PI/2 BPSK	135	138	18.77	18.90	18.80	19.2	0.0
100	PI/2 BPSK	270	0	18.97	19.01	18.92		
100	QPSK	1	1	18.94	19.06	18.90		
100	QPSK	1	137	18.98	19.02	18.99	19.2	0.0
100	QPSK	1	271	18.92	18.95	18.87		
100	QPSK	135	0	18.83	18.90	18.74	19.2	0.0
100	QPSK	135	69	18.89	18.95	18.93	19.2	0.0
100	QPSK	135	138	18.88	18.91	18.77	19.2	0.0
100	QPSK	270	0	18.94	18.97	18.84		
100	16QAM	1	1	18.86	18.95	18.87	19.2	0.0
100	64QAM	1	1	18.76	18.92	18.78	19.2	0.0
100	256QAM	1	1	18.77	18.88	18.80	19.2	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	18.83	18.89	18.76	19.2	0.0
Channel				507204	518598	529992	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	18.82	18.93	18.81	19.2	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	18.79	18.99	18.74	19.2	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	18.87	18.95	18.81	19.2	0.0
Channel				504204	518598	532992	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	18.89	19.03	18.88	19.2	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	18.83	18.97	18.83	19.2	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	18.89	18.91	18.75	19.2	0.0
Channel				501204	518598	535992	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	18.77	18.91	18.81	19.2	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	18.87	18.94	18.88	19.2	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	18.87	18.94	18.87	19.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
			Channel	650000	656000	662000		
			Frequency (MHz)	3750	3840	3930		
100	PI/2 BPSK	1	1	18.48	18.53	18.36		
100	PI/2 BPSK	1	137	18.44	18.49	18.34	20.0	0.0
100	PI/2 BPSK	1	271	18.35	18.50	18.41		
100	PI/2 BPSK	135	0	18.36	18.43	18.32	20.0	0.0
100	PI/2 BPSK	135	69	18.32	18.48	18.41	20.0	0.0
100	PI/2 BPSK	135	138	18.28	18.42	18.30	20.0	0.0
100	PI/2 BPSK	270	0	18.29	18.46	18.39		
100	QPSK	1	1	18.41	18.59	18.52	20.0	0.0
100	QPSK	1	137	18.37	18.51	18.40		
100	QPSK	1	271	18.42	18.46	18.33		
100	QPSK	135	0	18.47	18.51	18.47	20.0	0.0
100	QPSK	135	69	18.43	18.54	18.46	20.0	0.0
100	QPSK	135	138	18.31	18.43	18.35	20.0	0.0
100	QPSK	270	0	18.43	18.55	18.43	20.0	0.0
100	16QAM	1	1	18.46	18.52	18.50	20.0	0.0
100	64QAM	1	1	18.43	18.47	18.41	20.0	0.0
100	256QAM	1	1	18.30	18.41	18.35	20.0	0.0
			Channel	648018	656004	663234	Tune-up limit	MPR
			Frequency (MHz)	3745.02	3840	3935.01	(dBm)	(dB)
90	QPSK	1	1	18.35	18.44	18.48	20.0	0.0
			Channel	648234	656004	663468	Tune-up limit	MPR
			Frequency (MHz)	3740.01	3840	3940.02	(dBm)	(dB)
80	QPSK	1	1	18.30	18.50	18.45	20.0	0.0
			Channel	649000	656000	663000	Tune-up limit	MPR
			Frequency (MHz)	3735	3840	3945	(dBm)	(dB)
70	QPSK	1	1	18.37	18.47	18.36	20.0	0.0
			Channel	649018	656004	663234	Tune-up limit	MPR
			Frequency (MHz)	3730.02	3840	3950.01	(dBm)	(dB)
60	QPSK	1	1	18.27	18.54	18.40	20.0	0.0
			Channel	649234	656004	663468	Tune-up limit	MPR
			Frequency (MHz)	3725.01	3840	3955.02	(dBm)	(dB)
50	QPSK	1	1	18.28	18.53	18.46	20.0	0.0
			Channel	649000	656000	664000	Tune-up limit	MPR
			Frequency (MHz)	3720	3840	3960	(dBm)	(dB)
40	QPSK	1	1	18.26	18.48	18.42	20.0	0.0
			Channel	649018	656004	664234	Tune-up limit	MPR
			Frequency (MHz)	3715.02	3840	3965.01	(dBm)	(dB)
30	QPSK	1	1	18.30	18.48	18.38	20.0	0.0
			Channel	649234	656004	664468	Tune-up limit	MPR
			Frequency (MHz)	3710.01	3840	3970.02	(dBm)	(dB)
20	QPSK	1	1	18.28	18.53	18.50	20.0	0.0
			Channel	649118	656004	664234	Tune-up limit	MPR
			Frequency (MHz)	3707.52	3840	3972.51	(dBm)	(dB)
15	QPSK	1	1	18.33	18.54	18.44	20.0	0.0
			Channel	647000	656000	665000	Tune-up limit	MPR
			Frequency (MHz)	3705	3840	3975	(dBm)	(dB)
10	QPSK	1	1	18.26	18.52	18.47	20.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
			Channel	650000	656000	662000		
			Frequency (MHz)	3750	3840	3930		
100	PI/2 BPSK	1	1	21.42	21.49	21.37		
100	PI/2 BPSK	1	137	21.39	21.44	21.28	23.0	0.0
100	PI/2 BPSK	1	271	21.37	21.40	21.25		
100	PI/2 BPSK	135	0	21.22	21.37	21.29	23.0	0.0
100	PI/2 BPSK	135	69	21.37	21.40	21.36	23.0	0.0
100	PI/2 BPSK	135	138	21.39	21.43	21.31	23.0	0.0
100	PI/2 BPSK	270	0	21.30	21.46	21.29		
100	QPSK	1	1	21.47	21.54	21.48	23.0	0.0
100	QPSK	1	137	21.32	21.42	21.28		
100	QPSK	1	271	21.39	21.51	21.43		
100	QPSK	135	0	21.41	21.44	21.32	23.0	0.0
100	QPSK	135	69	21.42	21.47	21.35	23.0	0.0
100	QPSK	135	138	21.36	21.43	21.37	23.0	0.0
100	QPSK	270	0	21.26	21.38	21.25	23.0	0.0
100	16QAM	1	1	21.44	21.59	21.35	23.0	0.0
100	64QAM	1	1	21.35	21.45	21.34	23.0	0.0
100	256QAM	1	1	20.23	20.39	20.30	22.0	1.0
			Channel	648018	656004	663234	Tune-up limit	MPR
			Frequency (MHz)	3745.02	3840	3935.01	(dBm)	(dB)
90	QPSK	1	1	21.32	21.37	21.36	23.0	0.0
			Channel	648234	656004	663468	Tune-up limit	MPR
			Frequency (MHz)	3740.01	3840	3940.02	(dBm)	(dB)
80	QPSK	1	1	21.41	21.43	21.38	23.0	0.0
			Channel	649000	656000	663000	Tune-up limit	MPR
			Frequency (MHz)	3735	3840	3945	(dBm)	(dB)
70	QPSK	1	1	21.37	21.50	21.44	23.0	0.0
			Channel	649018	656004	663234	Tune-up limit	MPR
			Frequency (MHz)	3730.02	3840	3950.01	(dBm)	(dB)
60	QPSK	1	1	21.32	21.43	21.44	23.0	0.0
			Channel	649234	656004	663468	Tune-up limit	MPR
			Frequency (MHz)	3725.01	3840	3955.02	(dBm)	(dB)
50	QPSK	1	1	21.36	21.44	21.41	23.0	0.0
			Channel	649000	656000	664000	Tune-up limit	MPR
			Frequency (MHz)	3720	3840	3960	(dBm)	(dB)
40	QPSK	1	1	21.44	21.42	21.42	23.0	0.0
			Channel	647968	656004	664234	Tune-up limit	MPR
			Frequency (MHz)	3715.02	3840	3965.01	(dBm)	(dB)
30	QPSK	1	1	21.40	21.45	21.41	23.0	0.0
			Channel	647734	656004	664468	Tune-up limit	MPR
			Frequency (MHz)	3710.01	3840	3970.02	(dBm)	(dB)
20	QPSK	1	1	21.33	21.51	21.38	23.0	0.0
			Channel	647768	656004	664234	Tune-up limit	MPR
			Frequency (MHz)	3707.52	3840	3972.51	(dBm)	(dB)
15	QPSK	1	1	21.39	21.40	21.42	23.0	0.0
			Channel	647500	656000	664500	Tune-up limit	MPR
			Frequency (MHz)	3705	3840	3975	(dBm)	(dB)
10	QPSK	1	1	21.44	21.48	21.34	23.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
			Channel		633334			
			Frequency (MHz)		3500.01			
100	PI/2 BPSK	1	1		18.38			
100	PI/2 BPSK	1	137		18.30		20.0	0.0
100	PI/2 BPSK	1	271		18.33			
100	PI/2 BPSK	135	0		18.31		20.0	0.0
100	PI/2 BPSK	135	69		18.38		20.0	0.0
100	PI/2 BPSK	135	138		18.32		20.0	0.0
100	PI/2 BPSK	270	0		18.38			
100	QPSK	1	1		18.43		20.0	0.0
100	QPSK	1	137		18.38			
100	QPSK	1	271		18.32			
100	QPSK	135	0		18.35		20.0	0.0
100	QPSK	135	69		18.36		20.0	0.0
100	QPSK	135	138		18.29		20.0	0.0
100	QPSK	270	0		18.31		20.0	0.0
100	16QAM	1	1		18.37		20.0	0.0
100	64QAM	1	1		18.28		20.0	0.0
100	256QAM	1	1		18.25		20.0	0.0
			Channel	633000	633334	633668	Tune-up limit	MPR
			Frequency (MHz)	3495	3500.01	3505.02	(dBm)	(dB)
90	QPSK	1	1	18.32	18.29	18.32	20.0	0.0
			Channel	632868	633334	633802	Tune-up limit	MPR
			Frequency (MHz)	3490.02	3500.01	3510	(dBm)	(dB)
80	QPSK	1	1	18.28	18.30	18.21	20.0	0.0
			Channel	632734	633334	633934	Tune-up limit	MPR
			Frequency (MHz)	3485.01	3500.01	3515.01	(dBm)	(dB)
70	QPSK	1	1	18.25	18.38	18.24	20.0	0.0
			Channel	632600	633334	634068	Tune-up limit	MPR
			Frequency (MHz)	3480	3500.01	3520.02	(dBm)	(dB)
60	QPSK	1	1	18.28	18.31	18.24	20.0	0.0
			Channel	631668	633334	635000	Tune-up limit	MPR
			Frequency (MHz)	3475.02	3500.01	3525	(dBm)	(dB)
50	QPSK	1	1	18.37	18.38	18.25	20.0	0.0
			Channel	632734	633334	633934	Tune-up limit	MPR
			Frequency (MHz)	3470.01	3500.01	3530.01	(dBm)	(dB)
40	QPSK	1	1	18.32	18.30	18.25	20.0	0.0
			Channel	632600	633334	634068	Tune-up limit	MPR
			Frequency (MHz)	3465	3500.01	3535.02	(dBm)	(dB)
30	QPSK	1	1	18.25	18.33	18.22	20.0	0.0
			Channel	632468	633334	634202	Tune-up limit	MPR
			Frequency (MHz)	3460.02	3500.01	3540	(dBm)	(dB)
20	QPSK	1	1	18.29	18.33	18.24	20.0	0.0
			Channel	632600	633334	634068	Tune-up limit	MPR
			Frequency (MHz)	3457.5	3500.01	3542.52	(dBm)	(dB)
15	QPSK	1	1	18.26	18.30	18.34	20.0	0.0
			Channel	632334	633334	634334	Tune-up limit	MPR
			Frequency (MHz)	3455.01	3500.01	3545.01	(dBm)	(dB)
10	QPSK	1	1	18.37	18.27	18.25	20.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
			Channel		633334			
			Frequency (MHz)		3500.01			
100	PI/2 BPSK	1	1		21.34			
100	PI/2 BPSK	1	137		21.24		23.0	0.0
100	PI/2 BPSK	1	271		21.31			
100	PI/2 BPSK	135	0		21.24		23.0	0.0
100	PI/2 BPSK	135	69		21.35		23.0	0.0
100	PI/2 BPSK	135	138		21.22		23.0	0.0
100	PI/2 BPSK	270	0		21.35			
100	QPSK	1	1		21.39		23.0	0.0
100	QPSK	1	137		21.25			
100	QPSK	1	271		21.29			
100	QPSK	135	0		21.27		23.0	0.0
100	QPSK	135	69		21.29		23.0	0.0
100	QPSK	135	138		21.23		23.0	0.0
100	QPSK	270	0		21.35		23.0	0.0
100	16QAM	1	1		21.31		23.0	0.0
100	64QAM	1	1		21.33		23.0	0.0
100	256QAM	1	1		20.24		22.0	1.0
			Channel	633000	633334	633668	Tune-up limit	MPR
			Frequency (MHz)	3495	3500.01	3505.02	(dBm)	(dB)
90	QPSK	1	1	21.17	21.25	21.27	23.0	0.0
			Channel	632868	633334	634002	Tune-up limit	MPR
			Frequency (MHz)	3490.02	3500.01	3510	(dBm)	(dB)
80	QPSK	1	1	21.19	21.31	21.32	23.0	0.0
			Channel	632734	633334	634134	Tune-up limit	MPR
			Frequency (MHz)	3485.01	3500.01	3515.01	(dBm)	(dB)
70	QPSK	1	1	21.14	21.24	21.21	23.0	0.0
			Channel	632600	633334	634068	Tune-up limit	MPR
			Frequency (MHz)	3480	3500.01	3520.02	(dBm)	(dB)
60	QPSK	1	1	21.18	21.25	21.18	23.0	0.0
			Channel	631668	633334	635002	Tune-up limit	MPR
			Frequency (MHz)	3475.02	3500.01	3525	(dBm)	(dB)
50	QPSK	1	1	21.22	21.36	21.21	23.0	0.0
			Channel	631734	633334	635134	Tune-up limit	MPR
			Frequency (MHz)	3470.01	3500.01	3530.01	(dBm)	(dB)
40	QPSK	1	1	21.20	21.32	21.28	23.0	0.0
			Channel	631600	633334	635068	Tune-up limit	MPR
			Frequency (MHz)	3465	3500.01	3535.02	(dBm)	(dB)
30	QPSK	1	1	21.15	21.35	21.23	23.0	0.0
			Channel	631468	633334	635202	Tune-up limit	MPR
			Frequency (MHz)	3460.02	3500.01	3540	(dBm)	(dB)
20	QPSK	1	1	21.24	21.34	21.17	23.0	0.0
			Channel	631600	633334	635068	Tune-up limit	MPR
			Frequency (MHz)	3457.5	3500.01	3542.52	(dBm)	(dB)
15	QPSK	1	1	21.23	21.26	21.24	23.0	0.0
			Channel	631334	633334	635334	Tune-up limit	MPR
			Frequency (MHz)	3455.01	3500.01	3545.01	(dBm)	(dB)
10	QPSK	1	1	21.26	21.28	21.31	23.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
		Channel		650000	650000	650000		
		Frequency (MHz)		3750	3750	3750		
100	PI/2 BPSK	1	1		17.87			
100	PI/2 BPSK	1	137		17.91		19.5	0.0
100	PI/2 BPSK	1	271		17.78			
100	PI/2 BPSK	135	0		17.83		19.5	0.0
100	PI/2 BPSK	135	69		17.80		19.5	0.0
100	PI/2 BPSK	135	138		17.91		19.5	0.0
100	PI/2 BPSK	270	0		17.89			
100	QPSK	1	1		17.95		19.5	0.0
100	QPSK	1	137		17.90			
100	QPSK	1	271		17.88			
100	QPSK	135	0		17.80		19.5	0.0
100	QPSK	135	69		17.86		19.5	0.0
100	QPSK	135	138		17.78		19.5	0.0
100	QPSK	270	0		17.82		19.5	0.0
100	16QAM	1	1		17.85		19.5	0.0
100	64QAM	1	1		17.82		19.5	0.0
100	256QAM	1	1		17.74		19.5	0.0
		Channel		649668	650034	650334	Tune-up limit	MPR
		Frequency (MHz)		3745.02	3750	3755.01	(dBm)	(dB)
90	QPSK	1	1	17.77	17.80	17.83	19.5	0.0
		Channel		649334	650002	650668	Tune-up limit	MPR
		Frequency (MHz)		3740.01	3750	3760.02	(dBm)	(dB)
80	QPSK	1	1	17.86	17.86	17.83	19.5	0.0
		Channel		649002	650002	651002	Tune-up limit	MPR
		Frequency (MHz)		3735	3750	3765	(dBm)	(dB)
70	QPSK	1	1	17.76	17.79	17.77	19.5	0.0
		Channel		648668	650002	651334	Tune-up limit	MPR
		Frequency (MHz)		3730.02	3750	3770.01	(dBm)	(dB)
60	QPSK	1	1	17.89	17.85	17.88	19.5	0.0
		Channel		649334	650002	651668	Tune-up limit	MPR
		Frequency (MHz)		3725.01	3750	3775.02	(dBm)	(dB)
50	QPSK	1	1	17.91	17.90	17.77	19.5	0.0
		Channel		649002	650002	652002	Tune-up limit	MPR
		Frequency (MHz)		3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	17.87	17.86	17.73	19.5	0.0
		Channel		647668	650034	652334	Tune-up limit	MPR
		Frequency (MHz)		3715.02	3750	3785.01	(dBm)	(dB)
30	QPSK	1	1	17.87	17.80	17.74	19.5	0.0
		Channel		647334	650002	652668	Tune-up limit	MPR
		Frequency (MHz)		3710.01	3750	3790.02	(dBm)	(dB)
20	QPSK	1	1	17.87	17.88	17.81	19.5	0.0
		Channel		647168	650002	653134	Tune-up limit	MPR
		Frequency (MHz)		3707.52	3750	3792.51	(dBm)	(dB)
15	QPSK	1	1	17.89	17.89	17.79	19.5	0.0
		Channel		647002	650002	653002	Tune-up limit	MPR
		Frequency (MHz)		3705	3750	3795	(dBm)	(dB)
10	QPSK	1	1	17.78	17.85	17.73	19.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
		Channel		650000	650000	650000		
		Frequency (MHz)		3750	3750	3750		
100	PI/2 BPSK	1	1		20.87			
100	PI/2 BPSK	1	137		20.75		22.5	0.0
100	PI/2 BPSK	1	271		20.80			
100	PI/2 BPSK	135	0		20.87		22.5	0.0
100	PI/2 BPSK	135	69		20.76		22.5	0.0
100	PI/2 BPSK	135	138		20.78		22.5	0.0
100	PI/2 BPSK	270	0		20.84			
100	QPSK	1	1		20.89		22.5	0.0
100	QPSK	1	137		20.80			
100	QPSK	1	271		20.87			
100	QPSK	135	0		20.84		22.5	0.0
100	QPSK	135	69		20.86		22.5	0.0
100	QPSK	135	138		20.74		22.5	0.0
100	QPSK	270	0		20.79		22.5	0.0
100	16QAM	1	1		20.72		22.5	0.0
100	64QAM	1	1		20.75		22.5	0.0
100	256QAM	1	1		20.21		22.0	0.5
		Channel		649668	650002	650334	Tune-up limit	MPR
		Frequency (MHz)		3745.02	3750	3755.01	(dBm)	(dB)
90	QPSK	1	1	20.70	20.77	20.71	22.5	0.0
		Channel		649334	650002	650668	Tune-up limit	MPR
		Frequency (MHz)		3740.01	3750	3760.02	(dBm)	(dB)
80	QPSK	1	1	20.77	20.81	20.76	22.5	0.0
		Channel		649002	650002	651002	Tune-up limit	MPR
		Frequency (MHz)		3735	3750	3765	(dBm)	(dB)
70	QPSK	1	1	20.73	20.76	20.75	22.5	0.0
		Channel		648668	650002	651334	Tune-up limit	MPR
		Frequency (MHz)		3730.02	3750	3770.01	(dBm)	(dB)
60	QPSK	1	1	20.70	20.86	20.80	22.5	0.0
		Channel		649334	650002	651668	Tune-up limit	MPR
		Frequency (MHz)		3725.01	3750	3775.02	(dBm)	(dB)
50	QPSK	1	1	20.67	20.78	20.75	22.5	0.0
		Channel		649002	650002	652002	Tune-up limit	MPR
		Frequency (MHz)		3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	20.67	20.83	20.69	22.5	0.0
		Channel		647668	650034	652334	Tune-up limit	MPR
		Frequency (MHz)		3715.02	3750	3785.01	(dBm)	(dB)
30	QPSK	1	1	20.76	20.77	20.76	22.5	0.0
		Channel		647334	650002	652668	Tune-up limit	MPR
		Frequency (MHz)		3710.01	3750	3790.02	(dBm)	(dB)
20	QPSK	1	1	20.77	20.73	20.70	22.5	0.0
		Channel		647168	650002	653134	Tune-up limit	MPR
		Frequency (MHz)		3707.52	3750	3792.51	(dBm)	(dB)
15	QPSK	1	1	20.80	20.72	20.79	22.5	0.0
		Channel		647002	650002	653002	Tune-up limit	MPR
		Frequency (MHz)		3705	3750	3795	(dBm)	(dB)
10	QPSK	1	1	20.68	20.76	20.73	22.5	0.0

PC3 Part27Q n78 Ant3 DSI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
		Channel			633334			
		Frequency (MHz)			3500.01			
100	PI/2 BPSK	1	1		17.82			
100	PI/2 BPSK	1	137		17.83		19.5	0.0
100	PI/2 BPSK	1	271		17.71			
100	PI/2 BPSK	135	0		17.86		19.5	0.0
100	PI/2 BPSK	135	69		17.76		19.5	0.0
100	PI/2 BPSK	135	138		17.84		19.5	0.0
100	PI/2 BPSK	270	0		17.81			
100	QPSK	1	1		17.88		19.5	0.0
100	QPSK	1	137		17.75			
100	QPSK	1	271		17.74			
100	QPSK	135	0		17.80		19.5	0.0
100	QPSK	135	69		17.83		19.5	0.0
100	QPSK	135	138		17.72		19.5	0.0
100	QPSK	270	0		17.78		19.5	0.0
100	16QAM	1	1		17.74		19.5	0.0
100	64QAM	1	1		17.72		19.5	0.0
100	256QAM	1	1		17.67		19.5	0.0
		Channel		633000	633334	633668	Tune-up limit	MPR
		Frequency (MHz)		3495	3500.01	3505.02	(dBm)	(dB)
90	QPSK	1	1	17.59	17.73	17.69	19.5	0.0
		Channel		632968	633334	634000	Tune-up limit	MPR
		Frequency (MHz)		3490.02	3500.01	3510	(dBm)	(dB)
80	QPSK	1	1	17.69	17.79	17.70	19.5	0.0
		Channel		632634	633334	634034	Tune-up limit	MPR
		Frequency (MHz)		3485.01	3500.01	3515.01	(dBm)	(dB)
70	QPSK	1	1	17.68	17.76	17.75	19.5	0.0
		Channel		632300	633334	634368	Tune-up limit	MPR
		Frequency (MHz)		3480	3500.01	3520.02	(dBm)	(dB)
60	QPSK	1	1	17.60	17.76	17.72	19.5	0.0
		Channel		631968	633334	634700	Tune-up limit	MPR
		Frequency (MHz)		3475.02	3500.01	3525	(dBm)	(dB)
50	QPSK	1	1	17.62	17.85	17.71	19.5	0.0
		Channel		631634	633334	635034	Tune-up limit	MPR
		Frequency (MHz)		3470.01	3500.01	3530.01	(dBm)	(dB)
40	QPSK	1	1	17.62	17.84	17.74	19.5	0.0
		Channel		631300	633334	635368	Tune-up limit	MPR
		Frequency (MHz)		3465	3500.01	3535.02	(dBm)	(dB)
30	QPSK	1	1	17.59	17.81	17.69	19.5	0.0
		Channel		630968	633334	635700	Tune-up limit	MPR
		Frequency (MHz)		3460.02	3500.01	3540	(dBm)	(dB)
20	QPSK	1	1	17.64	17.71	17.80	19.5	0.0
		Channel		630634	633334	636034	Tune-up limit	MPR
		Frequency (MHz)		3457.5	3500.01	3542.52	(dBm)	(dB)
15	QPSK	1	1	17.60	17.77	17.72	19.5	0.0
		Channel		630334	633334	636334	Tune-up limit	MPR
		Frequency (MHz)		3455.01	3500.01	3545.01	(dBm)	(dB)
10	QPSK	1	1	17.59	17.72	17.72	19.5	0.0

PC2 Part27Q n78 Ant3 DSI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
		Channel			633334			
		Frequency (MHz)			3500.01			
100	PI/2 BPSK	1	1		20.77			
100	PI/2 BPSK	1	137		20.76		22.5	0.0
100	PI/2 BPSK	1	271		20.64			
100	PI/2 BPSK	135	0		20.71		22.5	0.0
100	PI/2 BPSK	135	69		20.73		22.5	0.0
100	PI/2 BPSK	135	138		20.65		22.5	0.0
100	PI/2 BPSK	270	0		20.75			
100	QPSK	1	1		20.82		22.5	0.0
100	QPSK	1	137		20.69			
100	QPSK	1	271		20.66			
100	QPSK	135	0		20.66		22.5	0.0
100	QPSK	135	69		20.72		22.5	0.0
100	QPSK	135	138		20.71		22.5	0.0
100	QPSK	270	0		20.67		22.5	0.0
100	16QAM	1	1		20.77		22.5	0.0
100	64QAM	1	1		20.72		22.5	0.0
100	256QAM	1	1		20.28		22.0	0.5
		Channel		633000	633334	633668	Tune-up limit	MPR
		Frequency (MHz)		3495	3500.01	3505.02	(dBm)	(dB)
90	QPSK	1	1	20.63	20.70	20.65	22.5	0.0
		Channel		632968	633334	634000	Tune-up limit	MPR
		Frequency (MHz)		3490.02	3500.01	3510	(dBm)	(dB)
80	QPSK	1	1	20.76	20.74	20.72	22.5	0.0
		Channel		632634	633334	634034	Tune-up limit	MPR
		Frequency (MHz)		3485.01	3500.01	3515.01	(dBm)	(dB)
70	QPSK	1	1	20.71	20.75	20.66	22.5	0.0
		Channel		632300	633334	634368	Tune-up limit	MPR
		Frequency (MHz)		3480	3500.01	3520.02	(dBm)	(dB)
60	QPSK	1	1	20.64	20.73	20.67	22.5	0.0
		Channel		631968	633334	634700	Tune-up limit	MPR
		Frequency (MHz)		3475.02	3500.01	3525	(dBm)	(dB)
50	QPSK	1	1	20.74	20.77	20.71	22.5	0.0
		Channel		631634	633334	635034	Tune-up limit	MPR
		Frequency (MHz)		3470.01	3500.01	3530.01	(dBm)	(dB)
40	QPSK	1	1	20.67	20.72	20.68	22.5	0.0
		Channel		631300	633334	635368	Tune-up limit	MPR
		Frequency (MHz)		3465	3500.01	3535.02	(dBm)	(dB)
30	QPSK	1	1	20.63	20.72	20.68	22.5	0.0
		Channel		630968	633334	635700	Tune-up limit	MPR
		Frequency (MHz)		3460.02	3500.01	3540	(dBm)	(dB)
20	QPSK	1	1	20.62	20.72	20.67	22.5	0.0
		Channel		630702	633334	636102	Tune-up limit	MPR
		Frequency (MHz)		3457.5	3500.01	3542.52	(dBm)	(dB)
15	QPSK	1	1	20.71	20.79	20.61	22.5	0.0
		Channel		630334	633334	636334	Tune-up limit	MPR
		Frequency (MHz)		3455.01	3500.01	3545.01	(dBm)	(dB)
10	QPSK	1	1	20.64	20.70	20.67	22.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	15.90	16.15	16.13	16.7	0.0
40	PI/2 BPSK	1	108	16.10	16.13	16.05		
40	PI/2 BPSK	1	214	16.12	16.23	16.07		
40	PI/2 BPSK	108	0	16.04	16.34	16.04	16.7	0.0
40	PI/2 BPSK	108	54	16.22	16.13	16.06	16.7	0.0
40	PI/2 BPSK	108	108	16.04	16.35	15.99	16.7	0.0
40	PI/2 BPSK	216	0	15.99	16.20	16.01		
40	QPSK	1	1	16.11	16.36	16.10	16.7	0.0
40	QPSK	1	108	16.02	16.26	16.17		
40	QPSK	1	214	15.82	15.15	16.04		
40	QPSK	108	0	16.03	16.18	16.23	16.7	0.0
40	QPSK	108	54	15.95	16.28	16.13	16.7	0.0
40	QPSK	108	108	16.03	16.17	16.02	16.7	0.0
40	QPSK	216	0	16.16	16.27	15.95		
40	16QAM	1	1	16.22	16.15	16.17	16.7	0.0
40	64QAM	1	1	16.16	16.19	16.16	16.7	0.0
40	256QAM	1	1	16.12	16.25	16.17	16.7	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	16.04	16.14	16.07	16.7	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	16.13	16.24	16.12	16.7	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	16.00	16.35	16.09	16.7	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	16.08	16.29	16.05	16.7	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	16.07	16.27	16.00	16.7	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	16.09	16.27	16.03	16.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	15.97	16.20	16.13	16.7	0.0
40	PI/2 BPSK	1	108	15.90	16.12	16.04		
40	PI/2 BPSK	1	214	15.92	16.22	16.07		
40	PI/2 BPSK	108	0	16.04	16.23	16.04	16.7	0.0
40	PI/2 BPSK	108	54	15.95	16.24	16.02	16.7	0.0
40	PI/2 BPSK	108	108	16.00	16.08	15.92	16.7	0.0
40	PI/2 BPSK	216	0	15.99	16.05	16.03		
40	QPSK	1	1	16.06	16.27	16.13	16.7	0.0
40	QPSK	1	108	15.86	16.06	16.03		
40	QPSK	1	214	15.85	16.21	16.10		
40	QPSK	108	0	15.86	16.24	15.97	16.7	0.0
40	QPSK	108	54	15.91	16.25	16.05	16.7	0.0
40	QPSK	108	108	15.85	15.97	15.94	16.7	0.0
40	QPSK	216	0	15.95	16.13	15.97		
40	16QAM	1	1	15.87	16.23	16.04	16.7	0.0
40	64QAM	1	1	15.84	16.19	15.93	16.7	0.0
40	256QAM	1	1	16.03	16.14	16.09	16.7	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	15.87	16.06	16.00	16.7	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	16.03	16.07	16.08	16.7	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	15.97	16.12	16.02	16.7	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	15.91	16.13	15.95	16.7	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	15.90	16.13	16.04	16.7	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	15.96	16.12	15.96	16.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	14.87	15.04	15.06	15.7	0.0
40	PI/2 BPSK	1	53	14.88	15.19	15.12		
40	PI/2 BPSK	1	104	14.93	15.22	14.96		
40	PI/2 BPSK	50	0	15.06	15.13	14.95	15.7	0.0
40	PI/2 BPSK	50	28	14.86	15.23	14.94	15.7	0.0
40	PI/2 BPSK	50	56	14.99	15.20	15.02	15.7	0.0
40	PI/2 BPSK	100	0	14.92	15.19	15.01		
40	QPSK	1	1	15.08	15.24	15.14	15.7	0.0
40	QPSK	1	53	14.97	15.23	15.01		
40	QPSK	1	104	14.97	15.04	15.05		
40	QPSK	50	0	14.87	15.11	15.08	15.7	0.0
40	QPSK	50	28	14.99	15.18	15.06	15.7	0.0
40	QPSK	50	56	14.96	15.05	14.97	15.7	0.0
40	QPSK	100	0	14.87	15.12	15.01		
40	16QAM	1	1	15.03	15.15	14.93	15.7	0.0
40	64QAM	1	1	15.03	15.15	14.94	15.7	0.0
40	256QAM	1	1	15.02	15.14	15.11	15.7	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	14.92	15.16	14.93	15.7	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	14.98	15.15	15.05	15.7	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	14.97	15.15	15.05	15.7	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	14.96	15.18	15.08	15.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	15.89	15.94	15.85	16.7	0.0
100	PI/2 BPSK	1	137	15.76	15.87	15.82		
100	PI/2 BPSK	1	271	15.69	16.03	15.85		
100	PI/2 BPSK	135	0	15.77	15.95	15.82	16.7	0.0
100	PI/2 BPSK	135	69	15.73	15.98	15.94	16.7	0.0
100	PI/2 BPSK	135	138	15.84	15.92	15.85	16.7	0.0
100	PI/2 BPSK	270	0	15.72	15.89	15.79		
100	QPSK	1	1	15.90	16.08	15.99	16.7	0.0
100	QPSK	1	137	15.85	15.89	15.91		
100	QPSK	1	271	15.70	15.89	15.86		
100	QPSK	135	0	15.72	15.89	15.88	16.7	0.0
100	QPSK	135	69	15.71	15.95	15.90	16.7	0.0
100	QPSK	135	138	15.82	15.86	15.88	16.7	0.0
100	QPSK	270	0	15.73	15.90	15.89		
100	16QAM	1	1	15.88	15.69	15.80	16.7	0.0
100	64QAM	1	1	15.76	15.93	15.90	16.7	0.0
100	256QAM	1	1	15.79	15.75	15.84	16.7	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	15.73	16.04	15.92	16.7	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	15.71	15.89	15.92	16.7	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	15.81	15.88	15.92	16.7	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	15.76	16.05	15.88	16.7	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	15.87	15.86	15.97	16.7	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	15.85	15.91	15.99	16.7	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	15.82	16.04	15.81	16.7	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	15.90	15.99	15.78	16.7	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	15.82	15.95	15.92	16.7	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	15.73	16.00	15.87	16.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	14.28	14.33	14.25		
40	PI/2 BPSK	1	108	14.21	14.37	14.25	15.2	0.0
40	PI/2 BPSK	1	214	14.12	14.25	14.12		
40	PI/2 BPSK	108	0	14.30	14.39	14.18	15.2	0.0
40	PI/2 BPSK	108	54	14.25	14.43	14.15	15.2	0.0
40	PI/2 BPSK	108	108	14.20	14.23	14.10	15.2	0.0
40	PI/2 BPSK	216	0	14.17	14.34	14.26		
40	QPSK	1	1	14.31	14.46	14.25		
40	QPSK	1	108	14.15	14.25	14.21	15.2	0.0
40	QPSK	1	214	14.19	14.40	14.21		
40	QPSK	108	0	14.15	14.36	14.23	15.2	0.0
40	QPSK	108	54	14.32	14.37	14.22	15.2	0.0
40	QPSK	108	108	14.12	14.19	14.10	15.2	0.0
40	QPSK	216	0	14.12	14.28	14.19		
40	16QAM	1	1	14.26	14.27	14.16	15.2	0.0
40	64QAM	1	1	14.17	14.22	14.16	15.2	0.0
40	256QAM	1	1	14.13	14.36	14.25	15.2	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	14.16	14.34	14.26	15.2	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	14.19	14.38	14.06	15.2	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	14.14	14.30	14.17	15.2	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	14.19	14.29	14.10	15.2	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	14.22	14.34	14.18	15.2	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	14.31	14.41	14.19	15.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	15.90	15.81	15.87		
40	PI/2 BPSK	1	108	15.87	15.87	15.82	16.7	0.0
40	PI/2 BPSK	1	214	15.81	15.86	15.74		
40	PI/2 BPSK	108	0	15.85	15.90	15.82	16.7	0.0
40	PI/2 BPSK	108	54	15.90	15.84	15.91	16.7	0.0
40	PI/2 BPSK	108	108	15.79	16.01	15.79	16.7	0.0
40	PI/2 BPSK	216	0	15.89	15.81	15.86		
40	QPSK	1	1	15.86	16.02	15.94		
40	QPSK	1	108	15.90	15.88	15.89	16.7	0.0
40	QPSK	1	214	15.79	15.85	15.91		
40	QPSK	108	0	15.88	15.81	15.79	16.7	0.0
40	QPSK	108	54	15.94	15.98	15.93	16.7	0.0
40	QPSK	108	108	15.82	15.84	15.87	16.7	0.0
40	QPSK	216	0	15.84	15.88	15.77		
40	16QAM	1	1	15.85	15.80	15.82	16.7	0.0
40	64QAM	1	1	15.80	15.83	15.83	16.7	0.0
40	256QAM	1	1	15.97	15.91	15.73	16.7	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	15.97	15.89	15.88	16.7	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	15.95	15.96	15.75	16.7	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	15.86	16.02	15.93	16.7	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	15.96	15.84	15.93	16.7	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	15.98	16.01	15.73	16.7	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	15.97	15.93	15.87	16.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	14.31	14.53	14.22	15.2	0.0
40	PI/2 BPSK	1	53	14.20	14.39	14.25		
40	PI/2 BPSK	1	104	14.19	14.46	14.27		
40	PI/2 BPSK	50	0	14.18	14.38	14.08	15.2	0.0
40	PI/2 BPSK	50	28	14.28	14.39	14.23	15.2	0.0
40	PI/2 BPSK	50	56	14.34	14.39	14.15	15.2	0.0
40	PI/2 BPSK	100	0	14.13	14.47	14.08		
40	QPSK	1	1	14.32	14.56	14.27	15.2	0.0
40	QPSK	1	53	14.21	14.37	14.05		
40	QPSK	1	104	14.30	14.46	14.11		
40	QPSK	50	0	14.29	14.34	14.26	15.2	0.0
40	QPSK	50	28	14.28	14.35	14.10	15.2	0.0
40	QPSK	50	56	14.16	14.25	14.28	15.2	0.0
40	QPSK	100	0	14.19	14.20	14.19		
40	16QAM	1	1	14.32	14.50	14.18	15.2	0.0
40	64QAM	1	1	14.25	14.43	14.14	15.2	0.0
40	256QAM	1	1	14.33	14.48	14.11	15.2	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	14.29	14.35	14.17	15.2	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	14.13	14.38	14.27	15.2	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	14.12	14.53	14.06	15.2	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	14.16	14.49	14.16	15.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	14.33	14.40	14.35	15.2	0.0
100	PI/2 BPSK	1	137	14.32	14.49	14.13		
100	PI/2 BPSK	1	271	14.41	14.40	14.17		
100	PI/2 BPSK	135	0	14.41	14.54	14.29	15.2	0.0
100	PI/2 BPSK	135	69	14.33	14.50	14.13	15.2	0.0
100	PI/2 BPSK	135	138	14.33	14.44	14.31	15.2	0.0
100	PI/2 BPSK	270	0	14.36	14.37	14.32		
100	QPSK	1	1	14.45	14.58	14.34	15.2	0.0
100	QPSK	1	137	14.42	14.40	14.34		
100	QPSK	1	271	14.47	14.55	14.24		
100	QPSK	135	0	14.13	14.23	14.28	15.2	0.0
100	QPSK	135	69	14.28	14.43	14.25	15.2	0.0
100	QPSK	135	138	14.28	14.19	14.25	15.2	0.0
100	QPSK	270	0	14.13	14.30	14.14		
100	16QAM	1	1	14.32	14.53	14.34	15.2	0.0
100	64QAM	1	1	14.38	14.54	14.27	15.2	0.0
100	256QAM	1	1	14.29	14.49	14.23	15.2	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	14.26	14.53	14.14	15.2	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	14.30	14.43	14.30	15.2	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	14.31	14.47	14.16	15.2	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	14.26	14.42	14.34	15.2	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	14.36	14.53	14.31	15.2	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	14.31	14.44	14.19	15.2	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	14.35	14.50	14.33	15.2	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	14.39	14.48	14.18	15.2	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	14.27	14.38	14.24	15.2	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	14.46	14.48	14.27	15.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel			650000	656000	662000		
	Frequency (MHz)			3750	3840	3930		
100	PI/2 BPSK	1	1	15.32	15.68	15.55	16.2	0.0
100	PI/2 BPSK	1	137	15.34	15.54	15.51		
100	PI/2 BPSK	1	271	15.42	15.69	15.63		
100	PI/2 BPSK	135	0	15.40	15.71	15.45	16.2	0.0
100	PI/2 BPSK	135	69	15.33	15.67	15.56	16.2	0.0
100	PI/2 BPSK	135	138	15.42	15.65	15.53		
100	PI/2 BPSK	270	0	15.52	15.66	15.48	16.2	0.0
100	QPSK	1	1	15.54	15.75	15.62	16.2	0.0
100	QPSK	1	137	15.39	15.64	15.60		
100	QPSK	1	271	15.41	15.57	15.48		
100	QPSK	135	0	15.51	15.64	15.49	16.2	0.0
100	QPSK	135	69	15.42	15.58	15.60	16.2	0.0
100	QPSK	135	138	15.52	15.63	15.57	16.2	0.0
100	QPSK	270	0	15.47	15.61	15.49	16.2	0.0
100	16QAM	1	1	15.42	15.71	15.59	16.2	0.0
100	64QAM	1	1	15.50	15.69	15.42	16.2	0.0
100	256QAM	1	1	15.36	15.74	15.52	16.2	0.0
	Channel			648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3745.02	3840	3935.01		
90	QPSK	1	1	15.57	15.54	15.57	16.2	0.0
	Channel			649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3740.01	3840	3940.02		
80	QPSK	1	1	15.57	15.61	15.42	16.2	0.0
	Channel			649002	656000	663002	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3735	3840	3945		
70	QPSK	1	1	15.56	15.62	15.62	16.2	0.0
	Channel			648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3730.02	3840	3950.01		
60	QPSK	1	1	15.58	15.51	15.56	16.2	0.0
	Channel			649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3725.01	3840	3955.02		
50	QPSK	1	1	15.59	15.57	15.42	16.2	0.0
	Channel			649002	656000	664002	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3720	3840	3960		
40	QPSK	1	1	15.41	15.51	15.50	16.2	0.0
	Channel			647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3715.02	3840	3965.01		
30	QPSK	1	1	15.43	15.58	15.52	16.2	0.0
	Channel			647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3710.01	3840	3970.02		
20	QPSK	1	1	15.48	15.64	15.53	16.2	0.0
	Channel			647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3707.52	3840	3972.51		
15	QPSK	1	1	15.56	15.61	15.59	16.2	0.0
	Channel			647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3705	3840	3975		
10	QPSK	1	1	15.58	15.56	15.50	16.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel			650000	656000	662000		
	Frequency (MHz)			3750	3840	3930		
100	PI/2 BPSK	1	1	18.35	18.51	18.54	19.2	0.0
100	PI/2 BPSK	1	137	18.38	18.64	18.36		
100	PI/2 BPSK	1	271	18.35	18.54	18.54		
100	PI/2 BPSK	135	0	18.32	18.52	18.38	19.2	0.0
100	PI/2 BPSK	135	69	18.33	18.52	18.40	19.2	0.0
100	PI/2 BPSK	135	138	18.43	18.58	18.47	19.2	0.0
100	PI/2 BPSK	270	0	18.47	18.62	18.44		
100	QPSK	1	1	18.51	18.69	18.57	19.2	0.0
100	QPSK	1	137	18.47	18.63	18.58		
100	QPSK	1	271	18.31	18.60	18.47		
100	QPSK	135	0	18.30	18.48	18.49	19.2	0.0
100	QPSK	135	69	18.48	18.55	18.44	19.2	0.0
100	QPSK	135	138	18.50	18.48	18.39	19.2	0.0
100	QPSK	270	0	18.37	18.50	18.47	19.2	0.0
100	16QAM	1	1	18.29	18.59	18.37	19.2	0.0
100	64QAM	1	1	18.48	18.51	18.52	19.2	0.0
100	256QAM	1	1	18.45	18.50	18.48	19.2	0.0
	Channel			648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3745.02	3840	3935.01		
90	QPSK	1	1	18.41	18.69	18.45	19.2	0.0
	Channel			649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3740.01	3840	3940.02		
80	QPSK	1	1	18.43	18.61	18.47	19.2	0.0
	Channel			649002	656000	663002	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3735	3840	3945		
70	QPSK	1	1	18.53	18.81	18.65	19.2	0.0
	Channel			648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3730.02	3840	3950.01		
60	QPSK	1	1	18.56	18.60	18.61	19.2	0.0
	Channel			649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3725.01	3840	3955.02		
50	QPSK	1	1	18.57	18.63	18.51	19.2	0.0
	Channel			649002	656000	664002	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3720	3840	3960		
40	QPSK	1	1	18.43	18.63	18.61	19.2	0.0
	Channel			647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3715.02	3840	3965.01		
30	QPSK	1	1	18.51	18.68	18.66	19.2	0.0
	Channel			647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3710.01	3840	3970.02		
20	QPSK	1	1	18.50	18.67	18.50	19.2	0.0
	Channel			647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3707.52	3840	3972.51		
15	QPSK	1	1	18.52	18.69	18.44	19.2	0.0
	Channel			647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3705	3840	3975		
10	QPSK	1	1	18.37	18.69	18.63	19.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel				633334			
	Frequency (MHz)				3500.01			
100	PI/2 BPSK	1	1		15.58		16.2	0.0
100	PI/2 BPSK	1	137		15.67			
100	PI/2 BPSK	1	271		15.58			
100	PI/2 BPSK	135	0		15.65		16.2	0.0
100	PI/2 BPSK	135	69		15.57		16.2	0.0
100	PI/2 BPSK	135	138		15.61		16.2	0.0
100	PI/2 BPSK	270	0		15.53			
100	QPSK	1	1		15.69		16.2	0.0
100	QPSK	1	137		15.49			
100	QPSK	1	271		15.63			
100	QPSK	135	0		15.48		16.2	0.0
100	QPSK	135	69		15.60		16.2	0.0
100	QPSK	135	138		15.52		16.2	0.0
100	QPSK	270	0		15.55		16.2	0.0
100	16QAM	1	1		15.63		16.2	0.0
100	64QAM	1	1		15.52		16.2	0.0
100	256QAM	1	1		15.57		16.2	0.0
	Channel			633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3495	3500.01	3505.02		
90	QPSK	1	1	15.48	15.49	15.59	16.2	0.0
	Channel			632668	633334	634002	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3490.02	3500.01	3510		
80	QPSK	1	1	15.42	15.49	15.64	16.2	0.0
	Channel			632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3485.01	3500.01	3515.01		
70	QPSK	1	1	15.52	15.66	15.51	16.2	0.0
	Channel			632002	633334	634668	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3480	3500.01	3520.02		
60	QPSK	1	1	15.57	15.55	15.61	16.2	0.0
	Channel			631668	633334	635002	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3475.02	3500.01	3525		
50	QPSK	1	1	15.38	15.59	15.52	16.2	0.0
	Channel			631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3470.01	3500.01	3530.01		
40	QPSK	1	1	15.44	15.67	15.57	16.2	0.0
	Channel			631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3465	3500.01	3535.02		
30	QPSK	1	1	15.55	15.56	15.58	16.2	0.0
	Channel			630668	633334	636002	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3460.02	3500.01	3540		
20	QPSK	1	1	15.59	15.58	15.68	16.2	0.0
	Channel			630502	633334	636168	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3457.5	3500.01	3542.52		
15	QPSK	1	1	15.59	15.64	15.66	16.2	0.0
	Channel			630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3455.01	3500.01	3545.01		
10	QPSK	1	1	15.46	15.54	15.64	16.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel				633334			
	Frequency (MHz)				3500.01			
100	PI/2 BPSK	1	1		18.46		19.2	0.0
100	PI/2 BPSK	1	137		18.36			
100	PI/2 BPSK	1	271		18.53			
100	PI/2 BPSK	135	0		18.47		19.2	0.0
100	PI/2 BPSK	135	69		18.43		19.2	0.0
100	PI/2 BPSK	135	138		18.53		19.2	0.0
100	PI/2 BPSK	270	0		18.46			
100	QPSK	1	1		18.58		19.2	0.0
100	QPSK	1	137		18.39			
100	QPSK	1	271		18.46			
100	QPSK	135	0		18.37		19.2	0.0
100	QPSK	135	69		18.49		19.2	0.0
100	QPSK	135	138		18.38		19.2	0.0
100	QPSK	270	0		18.41		19.2	0.0
100	16QAM	1	1		18.43		19.2	0.0
100	64QAM	1	1		18.57		19.2	0.0
100	256QAM	1	1		18.46		19.2	0.0
	Channel			633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3495	3500.01	3505.02		
90	QPSK	1	1	18.33	18.55	18.37	19.2	0.0
	Channel			632668	633334	634002	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3490.02	3500.01	3510		
80	QPSK	1	1	18.47	18.39	18.41	19.2	0.0
	Channel			632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3485.01	3500.01	3515.01		
70	QPSK	1	1	18.51	18.40	18.46	19.2	0.0
	Channel			632002	633334	634668	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3480	3500.01	3520.02		
60	QPSK	1	1	18.44	18.39	18.54	19.2	0.0
	Channel			631668	633334	635002	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3475.02	3500.01	3525		
50	QPSK	1	1	18.39	18.48	18.47	19.2	0.0
	Channel			631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3470.01	3500.01	3530.01		
40	QPSK	1	1	18.35	18.39	18.39	19.2	0.0
	Channel			631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3465	3500.01	3535.02		
30	QPSK	1	1	18.34	18.40	18.47	19.2	0.0
	Channel			630668	633334	636002	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3460.02	3500.01	3540		
20	QPSK	1	1	18.33	18.42	18.50	19.2	0.0
	Channel			630502	633334	636168	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3457.5	3500.01	3542.52		
15	QPSK	1	1	18.38	18.44	18.50	19.2	0.0
	Channel			630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
	Frequency (MHz)			3455.01	3500.01	3545.01		
10	QPSK	1	1	18.37	18.50	18.42	19.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
		Channel		650000	650000	650000		
		Frequency (MHz)		3750	3750	3750		
100	PI/2 BPSK	1	1		17.15			
100	PI/2 BPSK	1	137		17.02		17.7	0.0
100	PI/2 BPSK	1	271		17.06			
100	PI/2 BPSK	135	0		17.14		17.7	0.0
100	PI/2 BPSK	135	69		17.10		17.7	0.0
100	PI/2 BPSK	135	138		17.14		17.7	0.0
100	PI/2 BPSK	270	0		17.19			
100	QPSK	1	1		17.22		17.7	0.0
100	QPSK	1	137		17.12			
100	QPSK	1	271		17.06			
100	QPSK	135	0		17.06		17.7	0.0
100	QPSK	135	69		17.11		17.7	0.0
100	QPSK	135	138		17.08		17.7	0.0
100	QPSK	270	0		17.09			
100	16QAM	1	1		17.11		17.7	0.0
100	64QAM	1	1		17.06		17.7	0.0
100	256QAM	1	1		17.15		17.7	0.0
		Channel		649668	650334	651334	Tune-up limit	MPR
		Frequency (MHz)		3745.02	3750	3755.01	(dBm)	(dB)
90	QPSK	1	1	16.98	16.95	16.91	17.7	0.0
		Channel		649334	650002	650668	Tune-up limit	MPR
		Frequency (MHz)		3740.01	3750	3760.02	(dBm)	(dB)
80	QPSK	1	1	16.93	17.03	16.98	17.7	0.0
		Channel		649002	650002	651002	Tune-up limit	MPR
		Frequency (MHz)		3735	3750	3765	(dBm)	(dB)
70	QPSK	1	1	16.93	17.01	16.87	17.7	0.0
		Channel		648668	650002	651334	Tune-up limit	MPR
		Frequency (MHz)		3730.02	3750	3770.01	(dBm)	(dB)
60	QPSK	1	1	16.93	17.03	16.85	17.7	0.0
		Channel		648334	650002	651668	Tune-up limit	MPR
		Frequency (MHz)		3725.01	3750	3775.02	(dBm)	(dB)
50	QPSK	1	1	16.88	17.03	16.89	17.7	0.0
		Channel		648002	650002	652002	Tune-up limit	MPR
		Frequency (MHz)		3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	16.92	16.96	16.92	17.7	0.0
		Channel		647668	650002	652334	Tune-up limit	MPR
		Frequency (MHz)		3715.02	3750	3785.01	(dBm)	(dB)
30	QPSK	1	1	16.96	17.04	16.81	17.7	0.0
		Channel		647334	650002	652668	Tune-up limit	MPR
		Frequency (MHz)		3710.01	3750	3790.02	(dBm)	(dB)
20	QPSK	1	1	17.02	17.06	17.03	17.7	0.0
		Channel		647168	650002	652334	Tune-up limit	MPR
		Frequency (MHz)		3707.52	3750	3792.51	(dBm)	(dB)
15	QPSK	1	1	16.95	17.01	16.90	17.7	0.0
		Channel		647000	650000	653000	Tune-up limit	MPR
		Frequency (MHz)		3705	3750	3795	(dBm)	(dB)
10	QPSK	1	1	16.86	17.09	16.84	17.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
		Channel		650000	650000	650000		
		Frequency (MHz)		3750	3750	3750		
100	PI/2 BPSK	1	1		20.04			
100	PI/2 BPSK	1	137		20.23		20.7	0.0
100	PI/2 BPSK	1	271		20.19			
100	PI/2 BPSK	135	0		20.08		20.7	0.0
100	PI/2 BPSK	135	69		20.13		20.7	0.0
100	PI/2 BPSK	135	138		20.15		20.7	0.0
100	PI/2 BPSK	270	0		20.15			
100	QPSK	1	1		20.24		20.7	0.0
100	QPSK	1	137		20.13			
100	QPSK	1	271		20.22			
100	QPSK	135	0		20.05		20.7	0.0
100	QPSK	135	69		20.19		20.7	0.0
100	QPSK	135	138		20.19		20.7	0.0
100	QPSK	270	0		20.12			
100	16QAM	1	1		20.17		20.7	0.0
100	64QAM	1	1		20.23		20.7	0.0
100	256QAM	1	1		20.07		20.7	0.0
		Channel		649668	650002	650334	Tune-up limit	MPR
		Frequency (MHz)		3745.02	3750	3755.01	(dBm)	(dB)
90	QPSK	1	1	20.13	20.21	20.14	20.7	0.0
		Channel		649334	650002	650668	Tune-up limit	MPR
		Frequency (MHz)		3740.01	3750	3760.02	(dBm)	(dB)
80	QPSK	1	1	20.05	20.00	19.94	20.7	0.0
		Channel		649002	650002	651002	Tune-up limit	MPR
		Frequency (MHz)		3735	3750	3765	(dBm)	(dB)
70	QPSK	1	1	19.93	20.02	19.98	20.7	0.0
		Channel		648668	650002	651334	Tune-up limit	MPR
		Frequency (MHz)		3730.02	3750	3770.01	(dBm)	(dB)
60	QPSK	1	1	20.05	20.02	20.00	20.7	0.0
		Channel		648334	650002	651668	Tune-up limit	MPR
		Frequency (MHz)		3725.01	3750	3775.02	(dBm)	(dB)
50	QPSK	1	1	20.01	20.19	20.07	20.7	0.0
		Channel		648002	650002	652002	Tune-up limit	MPR
		Frequency (MHz)		3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	19.98	20.03	19.99	20.7	0.0
		Channel		647668	650002	652334	Tune-up limit	MPR
		Frequency (MHz)		3715.02	3750	3785.01	(dBm)	(dB)
30	QPSK	1	1	19.98	20.06	19.99	20.7	0.0
		Channel		647334	650002	652668	Tune-up limit	MPR
		Frequency (MHz)		3710.01	3750	3790.02	(dBm)	(dB)
20	QPSK	1	1	20.09	20.04	20.13	20.7	0.0
		Channel		647168	650002	652334	Tune-up limit	MPR
		Frequency (MHz)		3707.52	3750	3792.51	(dBm)	(dB)
15	QPSK	1	1	20.09	20.18	20.12	20.7	0.0
		Channel		647000	650000	653000	Tune-up limit	MPR
		Frequency (MHz)		3705	3750	3795	(dBm)	(dB)
10	QPSK	1	1	20.11	20.19	20.01	20.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
		Channel			633334			
		Frequency (MHz)			3500.01			
100	PI/2 BPSK	1	1		16.94			
100	PI/2 BPSK	1	137		17.01		17.7	0.0
100	PI/2 BPSK	1	271		16.94			
100	PI/2 BPSK	135	0		17.10		17.7	0.0
100	PI/2 BPSK	135	69		16.93		17.7	0.0
100	PI/2 BPSK	135	138		17.02		17.7	0.0
100	PI/2 BPSK	270	0		17.13			
100	QPSK	1	1		17.15		17.7	0.0
100	QPSK	1	137		17.06			
100	QPSK	1	271		17.08			
100	QPSK	135	0		16.91		17.7	0.0
100	QPSK	135	69		17.10		17.7	0.0
100	QPSK	135	138		16.90		17.7	0.0
100	QPSK	270	0		16.93			
100	16QAM	1	1		17.01		17.7	0.0
100	64QAM	1	1		16.93		17.7	0.0
100	256QAM	1	1		16.99		17.7	0.0
		Channel		633000	633334	633668	Tune-up limit	MPR
		Frequency (MHz)		3495	3500.01	3505.02	(dBm)	(dB)
90	QPSK	1	1	16.91	17.11	17.02	17.7	0.0
		Channel		632668	633334	634002	Tune-up limit	MPR
		Frequency (MHz)		3490.02	3500.01	3510	(dBm)	(dB)
80	QPSK	1	1	16.92	17.04	16.92	17.7	0.0
		Channel		632334	633334	634334	Tune-up limit	MPR
		Frequency (MHz)		3485.01	3500.01	3515.01	(dBm)	(dB)
70	QPSK	1	1	16.78	16.96	16.98	17.7	0.0
		Channel		632002	633334	634668	Tune-up limit	MPR
		Frequency (MHz)		3480	3500.01	3520.02	(dBm)	(dB)
60	QPSK	1	1	16.86	17.12	16.97	17.7	0.0
		Channel		631668	633334	635002	Tune-up limit	MPR
		Frequency (MHz)		3475.02	3500.01	3525	(dBm)	(dB)
50	QPSK	1	1	16.90	17.12	16.98	17.7	0.0
		Channel		631334	633334	635334	Tune-up limit	MPR
		Frequency (MHz)		3470.01	3500.01	3530.01	(dBm)	(dB)
40	QPSK	1	1	16.88	16.91	16.87	17.7	0.0
		Channel		631002	633334	635668	Tune-up limit	MPR
		Frequency (MHz)		3465	3500.01	3535.02	(dBm)	(dB)
30	QPSK	1	1	16.71	17.09	17.01	17.7	0.0
		Channel		630668	633334	636002	Tune-up limit	MPR
		Frequency (MHz)		3460.02	3500.01	3540	(dBm)	(dB)
20	QPSK	1	1	16.77	16.96	16.81	17.7	0.0
		Channel		630002	633334	636668	Tune-up limit	MPR
		Frequency (MHz)		3457.5	3500.01	3542.52	(dBm)	(dB)
15	QPSK	1	1	16.73	17.05	16.88	17.7	0.0
		Channel		630334	633334	636334	Tune-up limit	MPR
		Frequency (MHz)		3455.01	3500.01	3545.01	(dBm)	(dB)
10	QPSK	1	1	16.70	17.05	16.92	17.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
		Channel			633334			
		Frequency (MHz)			3500.01			
100	PI/2 BPSK	1	1		20.13			
100	PI/2 BPSK	1	137		20.15		20.7	0.0
100	PI/2 BPSK	1	271		19.97			
100	PI/2 BPSK	135	0		19.96		20.7	0.0
100	PI/2 BPSK	135	69		20.01		20.7	0.0
100	PI/2 BPSK	135	138		19.97		20.7	0.0
100	PI/2 BPSK	270	0		20.16			
100	QPSK	1	1		20.18		20.7	0.0
100	QPSK	1	137		20.09			
100	QPSK	1	271		20.00			
100	QPSK	135	0		20.08		20.7	0.0
100	QPSK	135	69		20.13		20.7	0.0
100	QPSK	135	138		20.09		20.7	0.0
100	QPSK	270	0		20.10			
100	16QAM	1	1		20.08		20.7	0.0
100	64QAM	1	1		20.05		20.7	0.0
100	256QAM	1	1		20.09		20.7	0.0
		Channel		633100	633334	633668	Tune-up limit	MPR
		Frequency (MHz)		3495	3500.01	3505.02	(dBm)	(dB)
90	QPSK	1	1	19.98	20.09	20.00	20.7	0.0
		Channel		632668	633334	634002	Tune-up limit	MPR
		Frequency (MHz)		3490.02	3500.01	3510	(dBm)	(dB)
80	QPSK	1	1	19.87	20.08	20.01	20.7	0.0
		Channel		632334	633334	634334	Tune-up limit	MPR
		Frequency (MHz)		3485.01	3500.01	3515.01	(dBm)	(dB)
70	QPSK	1	1	19.88	20.04	19.79	20.7	0.0
		Channel		632002	633334	634668	Tune-up limit	MPR
		Frequency (MHz)		3480	3500.01	3520.02	(dBm)	(dB)
60	QPSK	1	1	19.92	20.08	19.85	20.7	0.0
		Channel		631668	633334	635002	Tune-up limit	MPR
		Frequency (MHz)		3475.02	3500.01	3525	(dBm)	(dB)
50	QPSK	1	1	19.93	19.96	19.89	20.7	0.0
		Channel		631334	633334	635334	Tune-up limit	MPR
		Frequency (MHz)		3470.01	3500.01	3530.01	(dBm)	(dB)
40	QPSK	1	1	19.98	19.92	19.79	20.7	0.0
		Channel		631002	633334	635668	Tune-up limit	MPR
		Frequency (MHz)		3465	3500.01	3535.02	(dBm)	(dB)
30	QPSK	1	1	19.85	20.04	19.83	20.7	0.0
		Channel		630668	633334	636002	Tune-up limit	MPR
		Frequency (MHz)		3460.02	3500.01	3540	(dBm)	(dB)
20	QPSK	1	1	19.91	19.99	20.02	20.7	0.0
		Channel		630002	633334	636668	Tune-up limit	MPR
		Frequency (MHz)		3457.5	3500.01	3542.52	(dBm)	(dB)
15	QPSK	1	1	19.92	19.89	19.91	20.7	0.0
		Channel		630334	633334	636334	Tune-up limit	MPR
		Frequency (MHz)		3455.01	3500.01	3545.01	(dBm)	(dB)
10	QPSK	1	1	19.83	20.03	19.90	20.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel			650000	656000	662000		
	Frequency (MHz)			3750	3840	3930		
100	PI/2 BPSK	1	1	15.76	15.91	15.75		
100	PI/2 BPSK	1	137	15.60	15.83	15.76	17.2	0.0
100	PI/2 BPSK	1	271	15.56	15.96	15.86		
100	PI/2 BPSK	135	0	15.62	15.85	15.73	17.2	0.0
100	PI/2 BPSK	135	69	15.60	15.93	15.73	17.2	0.0
100	PI/2 BPSK	135	138	15.71	15.91	15.73	17.2	0.0
100	PI/2 BPSK	270	0	15.76	15.87	15.77		
100	QPSK	1	1	15.72	16.03	15.95		
100	QPSK	1	137	15.60	15.89	15.85	17.2	0.0
100	QPSK	1	271	15.71	16.02	15.65		
100	QPSK	135	0	15.73	15.89	15.83	17.2	0.0
100	QPSK	135	69	15.75	15.99	15.76	17.2	0.0
100	QPSK	135	138	15.81	15.96	15.78	17.2	0.0
100	QPSK	270	0	15.67	15.97	15.68	17.2	0.0
100	16QAM	1	1	15.56	15.91	15.76	17.2	0.0
100	64QAM	1	1	15.60	15.94	15.83	17.2	0.0
100	256QAM	1	1	15.79	15.90	15.68	17.2	0.0
	Channel			649318	656000	662334	Tune-up limit	MPR
	Frequency (MHz)			3745.02	3840	3935.01	(dBm)	(dB)
90	QPSK	1	1	15.74	15.90	15.75	17.2	0.0
	Channel			649334	656000	662668	Tune-up limit	MPR
	Frequency (MHz)			3740.01	3840	3940.02	(dBm)	(dB)
80	QPSK	1	1	15.75	15.95	15.76	17.2	0.0
	Channel			649002	656000	663002	Tune-up limit	MPR
	Frequency (MHz)			3735	3840	3945	(dBm)	(dB)
70	QPSK	1	1	15.69	15.96	15.72	17.2	0.0
	Channel			649668	656000	662334	Tune-up limit	MPR
	Frequency (MHz)			3730.02	3840	3950.01	(dBm)	(dB)
60	QPSK	1	1	15.69	15.87	15.70	17.2	0.0
	Channel			649334	656000	663002	Tune-up limit	MPR
	Frequency (MHz)			3725.01	3840	3955.02	(dBm)	(dB)
50	QPSK	1	1	15.72	15.90	15.72	17.2	0.0
	Channel			649002	656000	663002	Tune-up limit	MPR
	Frequency (MHz)			3720	3840	3960	(dBm)	(dB)
40	QPSK	1	1	15.69	15.89	15.70	17.2	0.0
	Channel			649668	656000	662334	Tune-up limit	MPR
	Frequency (MHz)			3715.02	3840	3965.01	(dBm)	(dB)
30	QPSK	1	1	15.75	15.96	15.82	17.2	0.0
	Channel			649334	656000	663002	Tune-up limit	MPR
	Frequency (MHz)			3710.01	3840	3970.02	(dBm)	(dB)
20	QPSK	1	1	15.68	15.88	15.68	17.2	0.0
	Channel			649168	656000	663168	Tune-up limit	MPR
	Frequency (MHz)			3707.52	3840	3972.51	(dBm)	(dB)
15	QPSK	1	1	15.68	15.71	15.87	17.2	0.0
	Channel			647000	656000	665000	Tune-up limit	MPR
	Frequency (MHz)			3705	3840	3975	(dBm)	(dB)
10	QPSK	1	1	15.67	15.97	15.83	17.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel			650000	656000	662000		
	Frequency (MHz)			3750	3840	3930		
100	PI/2 BPSK	1	1	18.94	18.99	18.84		
100	PI/2 BPSK	1	137	18.84	18.97	18.94	20.2	0.0
100	PI/2 BPSK	1	271	18.84	18.76	18.83		
100	PI/2 BPSK	135	0	18.94	18.89	18.83	20.2	0.0
100	PI/2 BPSK	135	69	18.93	18.95	18.79	20.2	0.0
100	PI/2 BPSK	135	138	18.96	18.88	18.83	20.2	0.0
100	PI/2 BPSK	270	0	18.88	18.92	18.89		
100	QPSK	1	1	18.96	19.01	18.87		
100	QPSK	1	137	18.90	18.89	18.74	20.2	0.0
100	QPSK	1	271	18.89	18.95	18.96		
100	QPSK	135	0	18.80	18.87	18.87	20.2	0.0
100	QPSK	135	69	18.89	18.99	18.87	20.2	0.0
100	QPSK	135	138	18.88	18.86	18.91	20.2	0.0
100	QPSK	270	0	18.86	18.92	18.70	20.2	0.0
100	16QAM	1	1	18.95	18.99	18.83	20.2	0.0
100	64QAM	1	1	18.89	18.86	18.85	20.2	0.0
100	256QAM	1	1	19.00	18.98	18.85	20.2	0.0
	Channel			649668	656000	662334	Tune-up limit	MPR
	Frequency (MHz)			3745.02	3840	3935.01	(dBm)	(dB)
90	QPSK	1	1	18.75	18.79	18.89	20.2	0.0
	Channel			649334	656000	662668	Tune-up limit	MPR
	Frequency (MHz)			3740.01	3840	3940.02	(dBm)	(dB)
80	QPSK	1	1	18.76	18.96	18.83	20.2	0.0
	Channel			649002	656000	663002	Tune-up limit	MPR
	Frequency (MHz)			3735	3840	3945	(dBm)	(dB)
70	QPSK	1	1	18.88	18.95	18.92	20.2	0.0
	Channel			649668	656000	662334	Tune-up limit	MPR
	Frequency (MHz)			3730.02	3840	3950.01	(dBm)	(dB)
60	QPSK	1	1	18.72	18.92	18.88	20.2	0.0
	Channel			649334	656000	663002	Tune-up limit	MPR
	Frequency (MHz)			3725.01	3840	3955.02	(dBm)	(dB)
50	QPSK	1	1	18.92	18.79	18.88	20.2	0.0
	Channel			649002	656000	663002	Tune-up limit	MPR
	Frequency (MHz)			3720	3840	3960	(dBm)	(dB)
40	QPSK	1	1	18.91	18.85	18.92	20.2	0.0
	Channel			647668	656000	664334	Tune-up limit	MPR
	Frequency (MHz)			3715.02	3840	3965.01	(dBm)	(dB)
30	QPSK	1	1	18.76	18.89	18.87	20.2	0.0
	Channel			647334	656000	664668	Tune-up limit	MPR
	Frequency (MHz)			3710.01	3840	3970.02	(dBm)	(dB)
20	QPSK	1	1	18.88	18.81	18.96	20.2	0.0
	Channel			647168	656000	664334	Tune-up limit	MPR
	Frequency (MHz)			3707.52	3840	3972.51	(dBm)	(dB)
15	QPSK	1	1	18.85	18.78	18.94	20.2	0.0
	Channel			647000	656000	665000	Tune-up limit	MPR
	Frequency (MHz)			3705	3840	3975	(dBm)	(dB)
10	QPSK	1	1	18.86	18.80	18.93	20.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel				633334			
	Frequency (MHz)				3500.01			
100	PI/2 BPSK	1	1		15.61			
100	PI/2 BPSK	1	137		15.68		17.2	0.0
100	PI/2 BPSK	1	271		15.83			
100	PI/2 BPSK	135	0		15.77		17.2	0.0
100	PI/2 BPSK	135	69		15.73		17.2	0.0
100	PI/2 BPSK	135	138		15.75		17.2	0.0
100	PI/2 BPSK	270	0		15.73			
100	QPSK	1	1		15.89			
100	QPSK	1	137		15.70		17.2	0.0
100	QPSK	1	271		15.73			
100	QPSK	135	0		15.60		17.2	0.0
100	QPSK	135	69		15.73		17.2	0.0
100	QPSK	135	138		15.63		17.2	0.0
100	QPSK	270	0		15.79			
100	16QAM	1	1		15.68		17.2	0.0
100	64QAM	1	1		15.76		17.2	0.0
100	256QAM	1	1		15.74		17.2	0.0
	Channel			633000	633334	633668	Tune-up limit	MPR
	Frequency (MHz)			3495	3500.01	3505.02	(dBm)	(dB)
90	QPSK	1	1	15.66	15.79	15.82	17.2	0.0
	Channel			632668	633334	634002	Tune-up limit	MPR
	Frequency (MHz)			3490.02	3500.01	3510	(dBm)	(dB)
80	QPSK	1	1	15.66	15.80	15.82	17.2	0.0
	Channel			632334	633334	634334	Tune-up limit	MPR
	Frequency (MHz)			3485.01	3500.01	3515.01	(dBm)	(dB)
70	QPSK	1	1	15.65	15.65	15.75	17.2	0.0
	Channel			632002	633334	634668	Tune-up limit	MPR
	Frequency (MHz)			3480	3500.01	3520.02	(dBm)	(dB)
60	QPSK	1	1	15.82	15.69	15.76	17.2	0.0
	Channel			631668	633334	635002	Tune-up limit	MPR
	Frequency (MHz)			3475.02	3500.01	3525	(dBm)	(dB)
50	QPSK	1	1	15.67	15.71	15.80	17.2	0.0
	Channel			631334	633334	635334	Tune-up limit	MPR
	Frequency (MHz)			3470.01	3500.01	3530.01	(dBm)	(dB)
40	QPSK	1	1	15.73	15.77	15.68	17.2	0.0
	Channel			631002	633334	635668	Tune-up limit	MPR
	Frequency (MHz)			3465	3500.01	3535.02	(dBm)	(dB)
30	QPSK	1	1	15.75	15.72	15.73	17.2	0.0
	Channel			630668	633334	636002	Tune-up limit	MPR
	Frequency (MHz)			3460.02	3500.01	3540	(dBm)	(dB)
20	QPSK	1	1	15.71	15.69	15.70	17.2	0.0
	Channel			630668	633334	636168	Tune-up limit	MPR
	Frequency (MHz)			3457.5	3500.01	3542.52	(dBm)	(dB)
15	QPSK	1	1	15.85	15.70	15.84	17.2	0.0
	Channel			630334	633334	636334	Tune-up limit	MPR
	Frequency (MHz)			3455.01	3500.01	3545.01	(dBm)	(dB)
10	QPSK	1	1	15.70	15.68	15.67	17.2	0.0

PC2 Part27Q n77 Ant12 DSI 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel				633334			
	Frequency (MHz)				3500.01			
100	PI/2 BPSK	1	1		18.68			
100	PI/2 BPSK	1	137		18.68		20.2	0.0
100	PI/2 BPSK	1	271		18.60			
100	PI/2 BPSK	135	0		18.69		20.2	0.0
100	PI/2 BPSK	135	69		18.68		20.2	0.0
100	PI/2 BPSK	135	138		18.65		20.2	0.0
100	PI/2 BPSK	270	0		18.71			
100	QPSK	1	1		18.89			
100	QPSK	1	137		18.72		20.2	0.0
100	QPSK	1	271		18.67			
100	QPSK	135	0		18.66		20.2	0.0
100	QPSK	135	69		18.67		20.2	0.0
100	QPSK	135	138		18.60		20.2	0.0
100	QPSK	270	0		18.64			
100	16QAM	1	1		18.67		20.2	0.0
100	64QAM	1	1		18.68		20.2	0.0
100	256QAM	1	1		18.72		20.2	0.0
	Channel			633000	633334	633668	Tune-up limit	MPR
	Frequency (MHz)			3495	3500.01	3505.02	(dBm)	(dB)
90	QPSK	1	1	18.69	18.59	18.76	20.2	0.0
	Channel			632668	633334	634002	Tune-up limit	MPR
	Frequency (MHz)			3490.02	3500.01	3510	(dBm)	(dB)
80	QPSK	1	1	18.59	18.73	18.71	20.2	0.0
	Channel			632334	633334	634334	Tune-up limit	MPR
	Frequency (MHz)			3485.01	3500.01	3515.01	(dBm)	(dB)
70	QPSK	1	1	18.62	18.76	18.76	20.2	0.0
	Channel			632002	633334	634668	Tune-up limit	MPR
	Frequency (MHz)			3480	3500.01	3520.02	(dBm)	(dB)
60	QPSK	1	1	18.66	18.63	18.66	20.2	0.0
	Channel			631668	633334	635002	Tune-up limit	MPR
	Frequency (MHz)			3475.02	3500.01	3525	(dBm)	(dB)
50	QPSK	1	1	18.62	18.72	18.71	20.2	0.0
	Channel			631334	633334	635334	Tune-up limit	MPR
	Frequency (MHz)			3470.01	3500.01	3530.01	(dBm)	(dB)
40	QPSK	1	1	18.76	18.59	18.76	20.2	0.0
	Channel			631002	633334	635668	Tune-up limit	MPR
	Frequency (MHz)			3465	3500.01	3535.02	(dBm)	(dB)
30	QPSK	1	1	18.63	18.69	18.77	20.2	0.0
	Channel			630668	633334	636002	Tune-up limit	MPR
	Frequency (MHz)			3460.02	3500.01	3540	(dBm)	(dB)
20	QPSK	1	1	18.60	18.71	18.58	20.2	0.0
	Channel			630668	633334	636168	Tune-up limit	MPR
	Frequency (MHz)			3457.5	3500.01	3542.52	(dBm)	(dB)
15	QPSK	1	1	18.76	18.71	18.75	20.2	0.0
	Channel			630334	633334	636334	Tune-up limit	MPR
	Frequency (MHz)			3455.01	3500.01	3545.01	(dBm)	(dB)
10	QPSK	1	1	18.66	18.73	18.69	20.2	0.0

PC3 Part27O n78 Ant12 DSI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		17.25			
100	PI/2 BPSK	1	137		17.22		18.2	0.0
100	PI/2 BPSK	1	271		17.21			
100	PI/2 BPSK	135	0		17.23		18.2	0.0
100	PI/2 BPSK	135	69		17.20		18.2	0.0
100	PI/2 BPSK	135	138		17.15		18.2	0.0
100	PI/2 BPSK	270	0		17.20			
100	QPSK	1	1		17.28		18.2	0.0
100	QPSK	1	137		17.16			
100	QPSK	1	271		17.12			
100	QPSK	135	0		17.14		18.2	0.0
100	QPSK	135	69		17.22		18.2	0.0
100	QPSK	135	138		17.14		18.2	0.0
100	QPSK	270	0		17.13		18.2	0.0
100	16QAM	1	1		17.14		18.2	0.0
100	64QAM	1	1		17.20		18.2	0.0
100	256QAM	1	1		17.13		18.2	0.0
Channel				649668	650334	650334	Tune-up limit	MPR
Frequency (MHz)				3745.02	3750	3755.01	(dBm)	(dB)
90	QPSK	1	1	17.14	17.21	17.05	18.2	0.0
Channel				649334	650002	650668	Tune-up limit	MPR
Frequency (MHz)				3740.01	3750	3760.02	(dBm)	(dB)
80	QPSK	1	1	17.17	17.10	17.19	18.2	0.0
Channel				649002	650002	651002	Tune-up limit	MPR
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)
70	QPSK	1	1	17.18	17.12	17.13	18.2	0.0
Channel				648668	650002	651334	Tune-up limit	MPR
Frequency (MHz)				3730.02	3750	3770.01	(dBm)	(dB)
60	QPSK	1	1	17.08	17.21	17.17	18.2	0.0
Channel				649334	650002	651668	Tune-up limit	MPR
Frequency (MHz)				3725.01	3750	3775.02	(dBm)	(dB)
50	QPSK	1	1	17.19	17.23	17.13	18.2	0.0
Channel				649002	650002	652002	Tune-up limit	MPR
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	17.10	17.23	17.17	18.2	0.0
Channel				647668	650002	652334	Tune-up limit	MPR
Frequency (MHz)				3715.02	3750	3785.01	(dBm)	(dB)
30	QPSK	1	1	17.19	17.24	17.04	18.2	0.0
Channel				647334	650002	652668	Tune-up limit	MPR
Frequency (MHz)				3710.01	3750	3790.02	(dBm)	(dB)
20	QPSK	1	1	17.09	17.13	17.11	18.2	0.0
Channel				647168	650002	653334	Tune-up limit	MPR
Frequency (MHz)				3707.52	3750	3792.51	(dBm)	(dB)
15	QPSK	1	1	17.17	17.15	17.09	18.2	0.0
Channel				647000	650002	653002	Tune-up limit	MPR
Frequency (MHz)				3705	3750	3795	(dBm)	(dB)
10	QPSK	1	1	17.14	17.13	17.09	18.2	0.0

PC2 Part27O n78 Ant12 DSI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		20.08			
100	PI/2 BPSK	1	137		20.07		21.2	0.0
100	PI/2 BPSK	1	271		20.06			
100	PI/2 BPSK	135	0		20.13		21.2	0.0
100	PI/2 BPSK	135	69		20.13		21.2	0.0
100	PI/2 BPSK	135	138		20.02		21.2	0.0
100	PI/2 BPSK	270	0		20.07			
100	QPSK	1	1		20.18		21.2	0.0
100	QPSK	1	137		20.07			
100	QPSK	1	271		20.05			
100	QPSK	135	0		20.12		21.2	0.0
100	QPSK	135	69		20.13		21.2	0.0
100	QPSK	135	138		20.01		21.2	0.0
100	QPSK	270	0		20.05		21.2	0.0
100	16QAM	1	1		20.01		21.2	0.0
100	64QAM	1	1		20.11		21.2	0.0
100	256QAM	1	1		20.03		21.2	0.0
Channel				649668	650002	650334	Tune-up limit	MPR
Frequency (MHz)				3745.02	3750	3755.01	(dBm)	(dB)
90	QPSK	1	1	20.11	20.12	20.05	21.2	0.0
Channel				649334	650002	650668	Tune-up limit	MPR
Frequency (MHz)				3740.01	3750	3760.02	(dBm)	(dB)
80	QPSK	1	1	20.05	20.05	20.08	21.2	0.0
Channel				649002	650002	651002	Tune-up limit	MPR
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)
70	QPSK	1	1	20.10	20.12	20.03	21.2	0.0
Channel				648668	650002	651334	Tune-up limit	MPR
Frequency (MHz)				3730.02	3750	3770.01	(dBm)	(dB)
60	QPSK	1	1	20.08	20.08	20.09	21.2	0.0
Channel				649334	650002	651668	Tune-up limit	MPR
Frequency (MHz)				3725.01	3750	3775.02	(dBm)	(dB)
50	QPSK	1	1	20.09	20.03	20.05	21.2	0.0
Channel				649002	650002	652002	Tune-up limit	MPR
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	20.05	20.05	20.08	21.2	0.0
Channel				647668	650002	652334	Tune-up limit	MPR
Frequency (MHz)				3715.02	3750	3785.01	(dBm)	(dB)
30	QPSK	1	1	20.07	20.04	20.04	21.2	0.0
Channel				647334	650002	652668	Tune-up limit	MPR
Frequency (MHz)				3710.01	3750	3790.02	(dBm)	(dB)
20	QPSK	1	1	20.05	20.07	20.02	21.2	0.0
Channel				647168	650002	653334	Tune-up limit	MPR
Frequency (MHz)				3707.52	3750	3792.51	(dBm)	(dB)
15	QPSK	1	1	20.01	20.12	20.06	21.2	0.0
Channel				647000	650002	653002	Tune-up limit	MPR
Frequency (MHz)				3705	3750	3795	(dBm)	(dB)
10	QPSK	1	1	20.03	20.04	20.02	21.2	0.0

PC3 Part27Q n78 Ant12 DSI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		17.21			
100	PI/2 BPSK	1	137		17.10		18.2	0.0
100	PI/2 BPSK	1	271		17.20			
100	PI/2 BPSK	135	0		17.21		18.2	0.0
100	PI/2 BPSK	135	69		17.11		18.2	0.0
100	PI/2 BPSK	135	138		17.10		18.2	0.0
100	PI/2 BPSK	270	0		17.18			
100	QPSK	1	1		17.26		18.2	0.0
100	QPSK	1	137		17.12			
100	QPSK	1	271		17.18			
100	QPSK	135	0		17.09		18.2	0.0
100	QPSK	135	69		17.20		18.2	0.0
100	QPSK	135	138		17.17		18.2	0.0
100	QPSK	270	0		17.19		18.2	0.0
100	16QAM	1	1		17.17		18.2	0.0
100	64QAM	1	1		17.11		18.2	0.0
100	256QAM	1	1		17.19		18.2	0.0
Channel				633000	633334	633668	Tune-up limit	MPR
Frequency (MHz)				3495	3500.01	3505.02	(dBm)	(dB)
90	QPSK	1	1	17.17	17.19	17.09	18.2	0.0
Channel				632668	633334	634002	Tune-up limit	MPR
Frequency (MHz)				3490.02	3500.01	3510	(dBm)	(dB)
80	QPSK	1	1	17.19	17.14	17.09	18.2	0.0
Channel				632334	633334	634334	Tune-up limit	MPR
Frequency (MHz)				3485.01	3500.01	3515.01	(dBm)	(dB)
70	QPSK	1	1	17.19	17.21	17.04	18.2	0.0
Channel				632002	633334	634668	Tune-up limit	MPR
Frequency (MHz)				3480	3500.01	3520.02	(dBm)	(dB)
60	QPSK	1	1	17.17	17.22	17.05	18.2	0.0
Channel				631668	633334	635002	Tune-up limit	MPR
Frequency (MHz)				3475.02	3500.01	3525	(dBm)	(dB)
50	QPSK	1	1	17.15	17.12	17.03	18.2	0.0
Channel				631334	633334	635334	Tune-up limit	MPR
Frequency (MHz)				3470.01	3500.01	3530.01	(dBm)	(dB)
40	QPSK	1	1	17.17	17.21	17.17	18.2	0.0
Channel				631002	633334	635668	Tune-up limit	MPR
Frequency (MHz)				3465	3500.01	3535.02	(dBm)	(dB)
30	QPSK	1	1	17.20	17.11	17.11	18.2	0.0
Channel				630668	633334	636002	Tune-up limit	MPR
Frequency (MHz)				3460.02	3500.01	3540	(dBm)	(dB)
20	QPSK	1	1	17.13	17.21	17.06	18.2	0.0
Channel				630002	633334	636668	Tune-up limit	MPR
Frequency (MHz)				3457.5	3500.01	3542.52	(dBm)	(dB)
15	QPSK	1	1	17.10	17.09	17.11	18.2	0.0
Channel				630334	633334	636334	Tune-up limit	MPR
Frequency (MHz)				3455.01	3500.01	3545.01	(dBm)	(dB)
10	QPSK	1	1	17.10	17.14	17.15	18.2	0.0

PC2 Part27Q n78 Ant12 DSI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		20.08			
100	PI/2 BPSK	1	137		20.16		21.2	0.0
100	PI/2 BPSK	1	271		20.14			
100	PI/2 BPSK	135	0		20.07		21.2	0.0
100	PI/2 BPSK	135	69		20.11		21.2	0.0
100	PI/2 BPSK	135	138		20.12		21.2	0.0
100	PI/2 BPSK	270	0		20.14			
100	QPSK	1	1		20.23		21.2	0.0
100	QPSK	1	137		20.09			
100	QPSK	1	271		20.07			
100	QPSK	135	0		20.09		21.2	0.0
100	QPSK	135	69		20.15		21.2	0.0
100	QPSK	135	138		20.14		21.2	0.0
100	QPSK	270	0		20.12		21.2	0.0
100	16QAM	1	1		20.15		21.2	0.0
100	64QAM	1	1		20.12		21.2	0.0
100	256QAM	1	1		20.19		21.2	0.0
Channel				633000	633334	633668	Tune-up limit	MPR
Frequency (MHz)				3495	3500.01	3505.02	(dBm)	(dB)
90	QPSK	1	1	20.14	20.14	19.99	21.2	0.0
Channel				632668	633334	634002	Tune-up limit	MPR
Frequency (MHz)				3490.02	3500.01	3510	(dBm)	(dB)
80	QPSK	1	1	20.15	20.21	20.10	21.2	0.0
Channel				632334	633334	634334	Tune-up limit	MPR
Frequency (MHz)				3485.01	3500.01	3515.01	(dBm)	(dB)
70	QPSK	1	1	20.16	20.05	20.07	21.2	0.0
Channel				632002	633334	634668	Tune-up limit	MPR
Frequency (MHz)				3480	3500.01	3520.02	(dBm)	(dB)
60	QPSK	1	1	20.13	20.18	20.03	21.2	0.0
Channel				631668	633334	635002	Tune-up limit	MPR
Frequency (MHz)				3475.02	3500.01	3525	(dBm)	(dB)
50	QPSK	1	1	20.05	20.21	20.03	21.2	0.0
Channel				631334	633334	635334	Tune-up limit	MPR
Frequency (MHz)				3470.01	3500.01	3530.01	(dBm)	(dB)
40	QPSK	1	1	20.07	20.20	20.12	21.2	0.0
Channel				631002	633334	635668	Tune-up limit	MPR
Frequency (MHz)				3465	3500.01	3535.02	(dBm)	(dB)
30	QPSK	1	1	20.13	20.18	20.02	21.2	0.0
Channel				630668	633334	636002	Tune-up limit	MPR
Frequency (MHz)				3460.02	3500.01	3540	(dBm)	(dB)
20	QPSK	1	1	20.16	20.13	20.03	21.2	0.0
Channel				630002	633334	636668	Tune-up limit	MPR
Frequency (MHz)				3457.5	3500.01	3542.52	(dBm)	(dB)
15	QPSK	1	1	20.07	20.19	20.02	21.2	0.0
Channel				630334	633334	636334	Tune-up limit	MPR
Frequency (MHz)				3455.01	3500.01	3545.01	(dBm)	(dB)
10	QPSK	1	1	20.11	20.07	20.12	21.2	0.0

WIFI & Bluetooth power

Ant 15+18				full power		Head Standalone&DBS Standalone		Head Simultaneous		Head DBS Simultaneous		Hotspot Simultaneous & Body Worn DBS Simultaneous		Hotspot DBS Simultaneous		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
2.4GHz WLAN	802.11b 1Mbps	1	2412	21.06	21.50	15.68	16.50	14.62	15.50	11.01	12.00	20.48	21.00	17.80	18.50	
		6	2437	21.30	21.50	16.01	16.50	15.03	15.50	11.08	12.00	20.72	21.00	18.00	18.50	97.46
		11	2462	21.04	21.50	15.70	16.50	14.67	15.50	10.27	12.00	20.50	21.00	17.84	18.50	
	802.11g 6Mbps	1	2412	20.01	20.50		16.50		15.50		12.00		20.50		18.50	
		6	2437	20.24	20.50		16.50		15.50		12.00		20.50		18.50	98.84
		11	2462	20.08	20.50		16.50		15.50		12.00		20.50		18.50	
	802.11n-HT20 MCS0	1	2412	19.00	20.50		16.50		15.50		12.00		20.50		18.50	
		6	2437	20.03	20.50		16.50		15.50		12.00		20.50		18.50	100.00
		11	2462	20.00	20.50		16.50		15.50		12.00		20.50		18.50	
	802.11n-HT40 MCS0	3	2422	19.89	20.50		16.50		15.50		12.00		20.50		18.50	
		6	2437	19.97	20.50		16.50		15.50		12.00		20.50		18.50	100.00
		9	2452	19.08	19.50		16.50		15.50		12.00		19.50		18.50	
	802.11ax-HE20 MCS0	1	2412	19.06	19.50		16.50		15.50		12.00		19.50		18.50	
		6	2437	20.16	21.00	Not Required	16.50	Not Required	15.50	Not Required	12.00	Not Required	21.00	Not Required	18.50	100.00
		11	2462	20.09	21.00		16.50		15.50		12.00		21.00		18.50	
	802.11ax-HE40 MCS0	3	2422	19.93	20.50		16.50		15.50		12.00		20.50		18.50	
		6	2437	20.03	20.50		16.50		15.50		12.00		20.50		18.50	100.00
		9	2452	19.16	19.50		16.50		15.50		12.00		19.50		18.50	
	802.11be-EHT20 MCS0	1	2412	19.17	19.50		16.50		15.50		12.00		19.50		18.50	
		6	2437	20.36	21.00		16.50		15.50		12.00		21.00		18.50	100.00
		11	2462	20.31	21.00		16.50		15.50		12.00		21.00		18.50	
	802.11be-EHT40 MCS0	3	2422	19.98	20.50		16.50		15.50		12.00		20.50		18.50	
		6	2437	20.06	20.50		16.50		15.50		12.00		20.50		18.50	100.00
		9	2452	19.21	19.50		16.50		15.50		12.00		19.50		18.50	

Ant 17+18				full power		Head Standalone&DBS Standalone&Simultaneous		Head DBS Simultaneous		Hotspot DBS Simultaneous		Body Worn DBS Simultaneous		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.2GHz WLAN	802.11a 6Mbps	36	5180	20.85	21.50		15.00		12.00		18.00		20.00	
		40	5200	20.74	21.50		15.00		12.00		18.00		20.00	98.63
		44	5220	20.65	21.50		15.00		12.00		18.00		20.00	
		48	5240	20.88	21.50		15.00		12.00		18.00		20.00	
	802.11n-HT20 MCS0	36	5180	20.40	21.00		15.00		12.00		18.00		20.00	
		40	5200	20.22	21.00		15.00		12.00		18.00		20.00	100.00
		44	5220	20.19	21.00		15.00		12.00		18.00		20.00	
		48	5240	20.33	21.00		15.00		12.00		18.00		20.00	
	802.11n-HT40 MCS0	38	5190	19.79	20.50		15.00		12.00		18.00	19.27	20.00	100.00
		46	5230	19.59	20.50		15.00		12.00		18.00	19.06	20.00	
	802.11ac-VHT20 MCS0	36	5180	20.41	21.50		15.00		12.00		18.00		20.00	
		40	5200	20.23	21.50		15.00		12.00		18.00		20.00	100.00
		44	5220	20.21	21.50		15.00		12.00		18.00		20.00	
		48	5240	20.35	21.50		15.00		12.00		18.00		20.00	
	802.11ac-VHT40 MCS0	38	5190	19.81	20.50		15.00		12.00		18.00		20.00	100.00
		46	5230	19.62	20.50		15.00		12.00		18.00		20.00	
	802.11ac-VHT80 MCS0	42	5210	19.10	20.00	13.69	15.00	10.54	12.00	16.94	18.00		20.00	100.00
	802.11ax-HE20 MCS0	36	5180	20.42	21.50		15.00		12.00		18.00		20.00	
		40	5200	20.25	21.50		15.00		12.00		18.00		20.00	100.00
		44	5220	20.24	21.50		15.00		12.00		18.00		20.00	
		48	5240	20.38	21.50		15.00		12.00		18.00		20.00	
	802.11ax-HE40 MCS0	38	5190	19.84	20.50		15.00		12.00		18.00		20.00	100.00
		46	5230	19.64	20.50		15.00		12.00		18.00		20.00	
	802.11ax-HE80 MCS0	42	5210	19.17	20.00		15.00		12.00		18.00		20.00	100.00
	802.11be EHT20 MCS0	36	5180	20.44	21.50		15.00		12.00		18.00		20.00	
		40	5200	20.26	21.50		15.00		12.00		18.00		20.00	100.00
		44	5220	20.28	21.50		15.00		12.00		18.00		20.00	
		48	5240	20.40	21.50		15.00		12.00		18.00		20.00	
	802.11be EHT40 MCS0	38	5190	19.89	20.50		15.00		12.00		18.00		20.00	100.00
		46	5230	19.72	20.50		15.00		12.00		18.00		20.00	
	802.11be EHT80 MCS0	42	5210	19.20	20.00		15.00		12.00		18.00		20.00	100.00

Ant 17+18				full power		Head Standalone&DBS Standalone&Simultaneous		Head DBS Simultaneous		Body Worn DBS Simultaneous		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.3GHz WLAN	802.11a 6Mbps	52	5260	20.81	22.00		15.50		12.50		20.50	
		56	5280	20.81	22.00		15.50		12.50		20.50	98.63
		60	5300	20.90	22.00		15.50		12.50		20.50	
		64	5320	21.14	22.00		15.50		12.50		20.50	
	802.11n-HT20 MCS0	52	5260	20.28	21.50		15.50		12.50		20.50	
		56	5280	20.30	21.50		15.50		12.50		20.50	100.00
		60	5300	20.39	21.50		15.50		12.50		20.50	
		64	5320	20.56	21.50		15.50		12.50		20.50	
	802.11n-HT40 MCS0	54	5270	19.75	21.00		15.50		12.50	19.23	20.50	100.00
		62	5310	19.93	21.00		15.50		12.50	19.40	20.50	
	802.11ac-VHT20 MCS0	52	5260	20.30	21.50		15.50		12.50		20.50	
		56	5280	20.33	21.50		15.50		12.50		20.50	100.00
		60	5300	20.41	21.50		15.50		12.50		20.50	
		64	5320	20.57	21.50		15.50		12.50		20.50	
	802.11ac-VHT40 MCS0	54	5270	19.79	21.00		15.50		12.50		20.50	100.00
		62	5310	19.98	21.00		15.50		12.50		20.50	
	802.11ac-VHT80 MCS0	58	5290	19.32	20.50	14.14	15.50	10.80	12.50		20.50	100.00
	802.11ac-VHT160 MCS0	50	5250	18.40	19.50		15.50		12.50		19.50	100.00
	802.11ax-HE20 MCS0	52	5260	20.34	21.50		15.50		12.50		20.50	
		56	5280	20.36	21.50		15.50		12.50		20.50	100.00
		60	5300	20.43	21.50		15.50		12.50		20.50	
		64	5320	20.59	21.50		15.50		12.50		20.50	
	802.11ax-HE40 MCS0	54	5270	19.83	21.00		15.50		12.50		20.50	100.00
		62	5310	20.02	21.00		15.50		12.50		20.50	
	802.11ax-HE80 MCS0	58	5290	19.41	20.50		15.50		12.50		20.50	100.00
	802.11ax-HE160 MCS0	50	5250	18.42	19.50		15.50		12.50		19.50	100.00
	802.11be EHT20 MCS0	52	5260	20.40	21.50		15.50		12.50		20.50	
		56	5280	20.38	21.50		15.50		12.50		20.50	100.00
		60	5300	20.49	21.50		15.50		12.50		20.50	
		64	5320	20.66	21.50		15.50		12.50		20.50	
	802.11be EHT40 MCS0	54	5270	19.88	21.00		15.50		12.50		20.50	100.00
		62	5310	20.08	21.00		15.50		12.50		20.50	
	802.11be EHT80 MCS0	58	5290	19.44	20.50		15.50		12.50		20.50	100.00
	802.11be EHT160 MCS0	50	5250	18.52	19.50		15.50		12.50		19.50	100.00

Ant 17+18				full power		Head Standalone&DBS Standalone&Simultaneous		Head DBS Simultaneous		Extremity Simultaneous		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.5GHz WLAN	802.11a 6Mbps	100	5500	21.02	22.00		16.00		12.00		19.00	98.63
		116	5580	21.10	22.00		16.00		12.00		19.00	
		124	5620	21.02	22.00		16.00		12.00		19.00	
		132	5660	20.91	22.00		16.00		12.00		19.00	
		140	5700	20.70	22.00		16.00		12.00		19.00	
		144	5720	20.78	22.00		16.00		12.00		19.00	
	802.11n-HT20 MCS0	100	5500	20.57	21.50		16.00		12.00		19.00	100.00
		116	5580	20.57	21.50		16.00		12.00		19.00	
		124	5620	20.51	21.50		16.00		12.00		19.00	
		132	5660	20.46	21.50		16.00		12.00		19.00	
		140	5700	20.23	21.50		16.00		12.00		19.00	
		144	5720	20.27	21.50		16.00		12.00		19.00	
	802.11n-HT40 MCS0	102	5510	19.93	21.00		16.00		12.00		19.00	100.00
		110	5550	20.10	21.00		16.00		12.00		19.00	
		126	5630	20.02	21.00		16.00		12.00		19.00	
		134	5670	20.03	21.00		16.00		12.00		19.00	
		142	5710	19.76	21.00		16.00		12.00		19.00	
	802.11ac-VHT20 MCS0	100	5500	20.58	21.50		16.00		12.00		19.00	100.00
		116	5580	20.60	21.50		16.00		12.00		19.00	
		124	5620	20.54	21.50		16.00		12.00		19.00	
		132	5660	20.48	21.50		16.00		12.00		19.00	
		140	5700	20.24	21.50		16.00		12.00		19.00	
		144	5720	20.29	21.50		16.00		12.00		19.00	
	802.11ac-VHT40 MCS0	102	5510	19.96	21.00		16.00		12.00		19.00	100.00
		110	5550	20.14	21.00		16.00		12.00		19.00	
		126	5630	20.04	21.00		16.00		12.00		19.00	
		134	5670	20.08	21.00		16.00		12.00		19.00	
		142	5710	19.80	21.00		16.00		12.00		19.00	
	802.11ac-VHT80 MCS0	106	5530	19.29	20.00	15.30	16.00	11.02	12.00	18.25	19.00	100.00
		122	5610	19.53	20.00	15.31	16.00	11.05	12.00	18.52	19.00	
		138	5690	19.23	20.00	15.00	16.00	10.65	12.00	18.21	19.00	
	802.11ac-VHT160 MCS0	114	5570	18.68	20.00		16.00		12.00		19.00	100.00
	802.11ax-HE20 MCS0	100	5500	20.59	21.50		16.00		12.00		19.00	100.00
		116	5580	20.62	21.50		16.00		12.00		19.00	
		124	5620	20.56	21.50		16.00		12.00		19.00	
		132	5660	20.50	21.50		16.00		12.00		19.00	
		140	5700	20.27	21.00		16.00		12.00		19.00	
		144	5720	20.31	21.00		16.00		12.00		19.00	
	802.11ax-HE40 MCS0	102	5510	19.98	21.00		16.00		12.00		19.00	100.00
		110	5550	20.15	21.00		16.00		12.00		19.00	
		126	5630	20.08	21.00		16.00		12.00		19.00	
		134	5670	20.11	21.00		16.00		12.00		19.00	
		142	5710	19.82	21.00		16.00		12.00		19.00	
	802.11ax-HE80 MCS0	106	5530	19.36	20.50		16.00		12.00		19.00	100.00
		122	5610	19.61	20.50		16.00		12.00		19.00	
		138	5690	19.29	20.50		16.00		12.00		19.00	
	802.11ax-HE160 MCS0	114	5570	18.73	19.50		16.00		12.00		19.00	100.00
	802.11be EHT20 MCS0	100	5500	20.61	21.50		16.00		12.00		19.00	100.00
		116	5580	20.63	21.50		16.00		12.00		19.00	
		124	5620	20.58	21.50		16.00		12.00		19.00	
		132	5660	20.51	21.50		16.00		12.00		19.00	
		140	5700	20.29	21.50		16.00		12.00		19.00	
		144	5720	20.32	21.50		16.00		12.00		19.00	
	802.11be EHT40 MCS0	102	5510	20.03	21.00		16.00		12.00		19.00	100.00
		110	5550	20.21	21.00		16.00		12.00		19.00	
		126	5630	20.13	21.00		16.00		12.00		19.00	
		134	5670	20.16	21.00		16.00		12.00		19.00	
		142	5710	19.85	21.00		16.00		12.00		19.00	
	802.11be EHT80 MCS0	106	5530	19.41	20.50		16.00		12.00		19.00	100.00
		122	5610	19.64	20.50		16.00		12.00		19.00	
		138	5690	19.35	20.50		16.00		12.00		19.00	
	802.11be EHT160 MCS0	114	5570	18.83	19.50		16.00		12.00		19.00	100.00

Ant 17+18				full power		Head Standalone&Hotspot DBS Simultaneous		Head DBS Standalone		Head Simultaneous		Head DBS Simultaneous		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.8GHz WLAN	802.11a 6Mbps	149	5745	19.59	20.50		17.50		16.50		14.50		11.50	98.63
		157	5785	19.53	20.50		17.50		16.50		14.50		11.50	
		165	5825	19.41	20.50		17.50		16.50		14.50		11.50	
	802.11n-HT20 MCS0	149	5745	19.06	20.00		17.50		16.50		14.50		11.50	100.00
		157	5785	19.05	20.00		17.50		16.50		14.50		11.50	
		165	5825	18.92	20.00		17.50		16.50		14.50		11.50	
	802.11n-HT40 MCS0	151	5755	18.88	20.00		17.50		16.50		14.50		11.50	100.00
		159	5795	18.79	20.00		17.50		16.50		14.50		11.50	
	802.11ac-VHT20 MCS0	149	5745	19.10	20.00		17.50		16.50		14.50		11.50	100.00
		157	5785	19.08	20.00		17.50		16.50		14.50		11.50	
		165	5825	18.94	20.00		17.50		16.50		14.50		11.50	
	802.11ac-VHT40 MCS0	151	5755	18.91	20.00		17.50		16.50		14.50		11.50	100.00
		159	5795	18.81	20.00		17.50		16.50		14.50		11.50	
	802.11ac-VHT80 MCS0	155	5775	18.84	20.00	16.10	17.50	15.11	16.50	13.28	14.50	9.79	11.50	100.00
	802.11ax-HE20 MCS0	149	5745	19.14	20.00		17.50		16.50		14.50		11.50	100.00
		157	5785	19.10	20.00		17.50		16.50		14.50		11.50	
		165	5825	18.95	20.00		17.50		16.50		14.50		11.50	
	802.11ax-HE40 MCS0	151	5755	18.95	20.00		17.50		16.50		14.50		11.50	100.00
		159	5795	18.83	20.00		17.50		16.50		14.50		11.50	
	802.11ax-HE80 MCS0	155	5775	18.94	20.00		17.50		16.50		14.50		11.50	100.00
	802.11be EHT20 MCS0	149	5745	19.23	20.00		17.50		16.50		14.50		11.50	100.00
		157	5785	19.14	20.00		17.50		16.50		14.50		11.50	
		165	5825	18.97	20.00		17.50		16.50		14.50		11.50	
	802.11be EHT40 MCS0	151	5755	19.01	20.00		17.50		16.50		14.50		11.50	100.00
		159	5795	18.89	20.00		17.50		16.50		14.50		11.50	
	802.11be EHT80 MCS0	155	5775	18.97	20.00		17.50		16.50		14.50		11.50	100.00

BT 2.0 Ant15

Mode	Channel	Frequency (MHz)	Average power (dBm)			Tune-up Limit	Receiver on Average power (dBm)			Tune-up Limit
			1Mbps	2Mbps	3Mbps		1Mbps	2Mbps	3Mbps	
BR / EDR	CH 00	2402	15.57	12.53	12.52	17.00	9.42	6.50	6.54	11.00
	CH 39	2441	**16.42**	13.51	13.46	17.50	11.23	8.45	8.51	12.50
	CH 78	2480	13.71	11.01	11.00	15.00	**11.52**	8.80	8.83	12.50

BT 2.0 Ant18

Mode	Channel	Frequency (MHz)	Average power (dBm)			Tune-up Limit	Receiver on Average power (dBm)			Tune-up Limit
			1Mbps	2Mbps	3Mbps		1Mbps	2Mbps	3Mbps	
BR / EDR	CH 00	2402	16.47	13.43	13.48	17.50	6.82	4.55	4.50	8.50
	CH 39	2441	**16.73**	13.81	13.84	18.00	**6.88**	4.60	4.61	8.50
	CH 78	2480	15.92	13.10	13.03	17.00	6.22	4.00	3.94	8.00

BLE_1M

Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-up Limit	Receiver on Average power (dBm)	Tune-up Limit
LE	CH 00	2402	6.16	7.50	1.63	3.50
	CH 19	2440	8.33	9.50	5.46	6.50
	CH 39	2480	6.22	7.50	5.13	6.50

BLE_1M

Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-up Limit	Receiver on Average power (dBm)	Tune-up Limit
LE	CH 00	2402	8.57	10.00	3.98	5.50
	CH 19	2440	8.69	10.00	3.57	5.50
	CH 39	2480	8.36	10.00	2.73	4.00

BLE_2M

Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-up Limit	Receiver on Average power (dBm)	Tune-up Limit
LE	CH 00	2402	6.41	7.50	1.75	3.50
	CH 19	2440	8.34	9.50	2.83	4.50
	CH 39	2480	6.28	7.50	5.11	6.50

BLE_2M

Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-up Limit	Receiver on Average power (dBm)	Tune-up Limit
LE	CH 00	2402	8.82	10.00	3.76	5.50
	CH 19	2440	8.88	10.00	3.82	5.50
	CH 39	2480	8.51	10.00	2.83	4.00

BR TX BF

BT 2.0 Ant15

Mode	Channel	Frequency (MHz)	Average power (dBm)			Tune-up Limit
			1Mbps	2Mbps	3Mbps	
BR / EDR	CH 00	2402	8.34	5.59	5.58	9.50
	CH 39	2441	**10.72**	7.63	7.58	12.00
	CH 78	2480	10.31	6.74	6.68	11.50

BT 2.0 Ant18

Mode	Channel	Frequency (MHz)	Average power (dBm)			Tune-up Limit
			1Mbps	2Mbps	3Mbps	
BR / EDR	CH 00	2402	12.14	8.66	8.67	13.50
	CH 39	2441	12.17	8.64	8.64	13.50
	CH 78	2480	**12.40**	7.78	7.73	14.00

BT 2.0 Ant15+18

Mode	Channel	Frequency (MHz)	Average power (dBm)			Tune-up Limit
			1Mbps	2Mbps	3Mbps	
BR / EDR	CH 00	2402	13.66	10.40	10.41	15.00
	CH 39	2441	**14.52**	11.17	11.16	16.00
	CH 78	2480	14.49	10.30	10.25	16.00