Full&Default Power Mode

GSM850 Ant0 Default

GSM850	Burst Average Power (dBm)			Tune-up Limit	Frame-Average Power (dBm)			Tune-up Limit
TX Channel	128	190	251	(dBm)	128	190	251	(dBm)
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.98	33.06	33.03	34.00	23.98	24.06	24.03	25.00
GPRS 1 Tx slot	32.91	33.01	32.95	34.00	23.91	24.01	23.95	25.00
GPRS 2 Tx slots	29.80	29.98	29.85	31.00	23.80	23.98	23.85	25.00
GPRS 3 Tx slots	27.81	27.86	27.66	29.20	23.55	23.60	23.40	24.94
GPRS 4 Tx slots	26.63	26.66	26.56	28.00	23.63	23.66	23.56	25.00
EDGE 1 Tx slot	25.99	26.13	25.96	27.80	16.99	17.13	16.96	18.80
EDGE 2 Tx slots	22.97	23.09	22.93	24.80	16.97	17.09	16.93	18.80
EDGE 3 Tx slots	21.58	21.63	21.62	23.00	17.32	17.37	17.36	18.74
EDGE 4 Tx slots	20.01	20.06	19.96	21.80	17.01	17.06	16.96	18.80

WCDMA V Ant0 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	24.15	24.22	24.10	25.00
3GPP Rel 99	RMC 12.2Kbps	24.22	24.25	24.18	25.00
3GPP Rel 6	HSDPA Subtest-1	23.14	23.24	23.05	24.00
3GPP Rel 6	HSDPA Subtest-2	23.15	23.16	23.21	24.00
3GPP Rel 6	HSDPA Subtest-3	22.76	22.63	22.77	23.50
3GPP Rel 6	HSDPA Subtest-4	22.71	22.64	22.76	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	23.20	23.23	23.04	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	23.20	23.16	23.09	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	22.78	22.67	22.69	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	22.72	22.73	22.58	23.50
3GPP Rel 6	HSUPA Subtest-1	23.29	23.09	23.16	24.00
3GPP Rel 6	HSUPA Subtest-2	21.34	21.21	21.29	22.00
3GPP Rel 6	HSUPA Subtest-3	22.15	22.16	22.18	23.00
3GPP Rel 6	HSUPA Subtest-4	21.11	21.07	21.25	22.00
3GPP Rel 6	HSUPA Subtest-5	23.10	23.06	23.22	24.00
3GPP Rel 7	HSPA+ (NGAM) Subtest-1	20.69	20.72	20.60	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	22.82	22.96	22.91	24.5	0
20	QPSK	1	49	22.79	22.91	22.83		
20	QPSK	1	99	22.84	22.85	22.78		
20	QPSK	50	0	21.85	21.95	21.88		
20	QPSK	50	24	21.77	21.89	21.77	23.5	1
20	QPSK	50	50	21.90	21.94	21.82		
20	QPSK	100	0	21.74	21.86	21.79		
20	16QAM	1	0	21.97	22.05	22.01		
20	16QAM	1	49	21.90	22.00	21.95	23.5	1
20	16QAM	1	99	21.84	21.96	21.85		
20	16QAM	50	0	20.89	20.95	20.90		
20	16QAM	50	24	20.77	20.89	20.82	22.5	2
20	16QAM	50	50	20.87	21.00	20.92		
20	16QAM	100	0	20.86	20.92	20.86		
20	64QAM	1	0	20.94	21.00	20.96		
20	64QAM	1	49	20.96	21.00	20.95	22.5	2
20	64QAM	1	99	20.87	21.00	20.94		
20	64QAM	50	0	19.89	20.04	19.92		
20	64QAM	50	24	19.92	19.88	19.91	21.5	3
20	64QAM	50	50	20.03	20.10	20.02		
20	64QAM	100	0	19.80	19.94	19.89		
20	256QAM	1	0	17.87	18.00	17.89		
20	256QAM	1	49	17.81	17.95	17.84	19.5	5
20	256QAM	1	99	17.76	17.90	17.81		
20	256QAM	50	0	17.82	17.85	17.79		
20	256QAM	50	24	17.76	17.79	17.84	19.5	5
20	256QAM	50	50	17.79	17.83	17.78		
20	256QAM	100	0	17.85	17.89	17.83		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.78	22.84	22.93		
15	QPSK	1	37	22.84	22.88	22.81	24.5	0
15	QPSK	1	74	22.79	22.76	22.84		
15	QPSK	36	0	21.91	21.88	21.86		
15	QPSK	36	20	21.75	21.84	21.75	23.5	1
15	QPSK	36	39	21.96	21.81	21.79		
15	QPSK	75	0	21.82	21.78	21.80		
15	16QAM	1	0	21.87	21.97	21.96		
15	16QAM	1	37	21.75	21.89	21.88	23.5	1
15	16QAM	1	74	21.77	21.82	21.81		
15	16QAM	36	0	20.77	20.91	20.83		
15	16QAM	36	20	20.79	20.85	20.77	22.5	2
15	16QAM	36	39	20.75	20.95	20.81		
15	16QAM	75	0	20.80	20.86	20.80		
15	64QAM	1	0	20.91	21.00	20.81		
15	64QAM	1	37	20.85	20.91	20.89	22.5	2
15	64QAM	1	74	20.75	20.96	20.88		
15	64QAM	36	0	19.84	19.98	19.89		
15	64QAM	36	20	19.84	19.98	19.79	21.5	3
15	64QAM	36	39	19.94	19.97	19.90		
15	64QAM	75	0	19.79	19.81	19.79		
15	256QAM	1	0	17.81	17.90	17.82		
15	256QAM	1	37	17.76	17.91	17.83	19.5	5
15	256QAM	1	74	17.81	17.95	17.81		
15	256QAM	36	0	17.78	17.99	17.81		
15	256QAM	36	20	17.90	17.86	17.76	19.5	5
15	256QAM	36	39	17.78	17.84	17.79		
15	256QAM	75	0	17.84	17.92	17.86		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.78	22.84	22.91		
10	QPSK	1	25	22.75	22.89	22.81	24.5	0
10	QPSK	1	49	22.79	22.88	22.77		
10	QPSK	25	0	21.85	21.92	21.87		
10	QPSK	25	12	21.76	21.93	21.78	23.5	1
10	QPSK	25	25	21.90	21.86	21.79		
10	QPSK	50	0	21.78	21.90	21.82		
10	16QAM	1	0	21.92	22.00	21.99		
10	16QAM	1	25	21.91	22.02	22.00	23.5	1
10	16QAM	1	49	21.81	21.92	21.83		
10	16QAM	25	0	20.90	20.99	20.86		
10	16QAM	25	12	20.83	20.86	20.78	22.5	2
10	16QAM	25	25	20.92	20.99	20.87		
10	16QAM	50	0	20.83	20.90	20.90		
10	64QAM	1	0	20.94	21.04	20.96		
10	64QAM	1	25	20.92	21.04	20.99	22.5	2
10	64QAM	1	49	20.92	21.01	21.00		
10	64QAM	25	0	19.88	20.10	19.90		
10	64QAM	25	12	19.98	19.99	19.90	21.5	3
10	64QAM	25	25	20.06	20.15	19.99		
10	64QAM	50	0	19.82	19.92	19.88		
10	256QAM	1	0	17.91	17.86	17.94		
10	256QAM	1	25	17.83	18.01	17.91	19.5	5
10	256QAM	1	49	17.83	17.98	17.97		
10	256QAM	25	0	17.78	17.97	17.86		
10	256QAM	25	12	17.81	17.97	17.78	19.5	5
10	256QAM	25	25	17.85	17.81	17.77		
10	256QAM	50	0	17.82	17.85	17.90		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.81	22.85	22.78		
5	QPSK	1	12	22.75	22.83	22.79	24.5	0
5	QPSK	1	24	22.80	22.75	22.78		
5	QPSK	12	0	21.88	21.88	21.92		
5	QPSK	12	7	21.75	21.81	21.82	23.5	1
5	QPSK	12	13	21.93	21.88	21.83		
5	QPSK	25	0	21.82	21.79	21.77		
5	16QAM	1	0	21.85	21.97	21.95		
5	16QAM	1	12	21.80	21.92	21.85	23.5	1
5	16QAM	1	24	21.77	21.93	21.77		
5	16QAM	12	0	20.82	20.89	20.87		
5	16QAM	12	7	20.85	20.82	20.79	22.5	2
5	16QAM	12	13	20.76	20.90	20.85		
5	16QAM	25	0	20.78	20.78	20.75		
5	64QAM	1	0	20.82	21.00	20.82		
5	64QAM	1	12	20.90	20.89	20.89	22.5	2
5	64QAM	1	24	20.82	20.91	20.89		
5	64QAM	12	0	19.78	19.95	19.84		
5	64QAM	12	7	19.81	19.89	19.77	21.5	3
5	64QAM	12	13	19.91	20.03	19.94		
5	64QAM	25	0	19.75	19.84	19.83		
5	256QAM	1	0	17.82	17.93	17.77		
5	256QAM	1	12	17.83	17.90	17.89	19.5	5
5	256QAM	1	24	17.79	17.93	17.85		
5	256QAM	12	0	17.77	17.90	17.79		
5	256QAM	12	7	17.84	17.91	17.78	19.5	5
5	256QAM	12	13	17.83	17.82	17.76		
5	256QAM	25	0	17.83	17.94	17.85		
Channel				19925	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.75	22.83	22.83		
3	QPSK	1	8	22.80	22.83	22.81	24.5	0
3	QPSK	1	14	22.81	22.77	22.83		
3	QPSK	8	0	21.91	21.81	21.89		
3	QPSK	8	4	21.83	21.77	21.82	23.5	1
3	QPSK	8	7	21.93	21.89	21.86		
3	QPSK	15	0	21.94	21.80	21.84		
3	16QAM	1	0	21.86	22.01	21.98		
3	16QAM	1	8	21.84	21.91	21.81	23.5	1
3	16QAM	1	14	21.80	21.85	21.77		
3	16QAM	8	0	20.84	20.91	20.86		
3	16QAM	8	4	20.79	20.75	20.79	22.5	2
3	16QAM	8	7	20.84	20.91	20.84		
3	16QAM	15	0	20.80	20.77	20.82		
3	64QAM	1	0	20.91	20.97	20.93		
3	64QAM	1	8	20.87	20.96	20.85	22.5	2
3	64QAM	1	14	20.84	20.87	20.83		
3	64QAM	8	0	19.75	20.00	19.88		
3	64QAM	8	4	19.88	19.93	19.77	21.5	3
3	64QAM	8	7	19.89	20.01	19.87		
3	64QAM	15	0	19.77	19.85	19.82		
3	256QAM	1	0	17.82	17.96	17.78		
3	256QAM	1	8	17.79	17.92	17.86	19.5	5
3	256QAM	1	14	17.80	17.88	17.85		
3	256QAM	8	0	17.86	17.99	17.83		
3	256QAM	8	4	17.88	17.87	17.80	19.5	5
3	256QAM	8	7	17.79	17.81	17.77		
3	256QAM	15	0	17.92	17.94	17.81		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.83	22.91	22.85		
1.4	QPSK	1	3	22.85	22.85	22.79		
1.4	QPSK	1	5	22.80	22.84	22.82	24.5	0
1.4	QPSK	3	0	22.85	22.90	22.85		
1.4	QPSK	3	1	22.83	22.81	22.78		
1.4	QPSK	3	3	22.93	22.86	22.84		
1.4	QPSK	6	0	21.80	21.83	21.75	23.5	1
1.4	16QAM	1	0	21.99	22.01	21.97		
1.4	16QAM	1	3	21.89	21.89	22.00		
1.4	16QAM	1	5	21.90	21.83	21.90	23.5	1
1.4	16QAM	3	0	21.91	21.88	21.87		
1.4	16QAM	3	1	21.75	21.84	21.80		
1.4	16QAM	3	3	21.83	21.86	21.89		
1.4	16QAM	6	0	20.89	20.78	20.93	22.5	2
1.4	64QAM	1	0	21.01	21.03	20.92		
1.4	64QAM	1	3	21.02	20.89	20.90		
1.4	64QAM	1	5	20.88	20.96	20.93	22.5	2
1.4	64QAM	3	0	20.84	20.97	20.88		
1.4	64QAM	3	1	20.94	20.87	20.98		
1.4	64QAM	3	3	21.07	21.04	21.09		
1.4	64QAM	6	0	19.84	19.81	19.93	21.5	3
1.4	256QAM	1	0	17.93	17.88	17.96		
1.4	256QAM	1	3	17.85	17.86	17.83		
1.4	256QAM	1	5	17.81	17.77	17.86	19.5	5
1.4	256QAM	3	0	17.84	17.81	17.85		
1.4	256QAM	3	1	17.83	17.76	17.80		
1.4	256QAM	3	3	17.81	17.83	17.77		
1.4	256QAM	6	0	17.84	17.77	17.87	19.5	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	25.01	24.95		
10	QPSK	1	25	24.83	24.94	24.91	25.7	0
10	QPSK	1	49	24.78	24.83	24.74		
10	QPSK	25	0	23.95	24.05	23.92		
10	QPSK	25	12	23.89	24.02	23.97	24.7	1
10	QPSK	25	25	23.86	23.98	23.91		
10	QPSK	50	0	23.00	24.03	23.90		
10	16QAM	1	0	24.00	24.10	23.96		
10	16QAM	1	25	23.98	24.04	23.96	24.7	1
10	16QAM	1	49	23.81	23.94	23.81		
10	16QAM	25	0	23.13	23.17	23.12		
10	16QAM	25	12	23.04	23.12	23.06	23.7	2
10	16QAM	25	25	22.93	23.03	22.88		
10	16QAM	50	0	23.03	23.07	23.03		
10	64QAM	1	0	23.06	23.17	23.03		
10	64QAM	1	25	23.03	23.14	23.02	23.7	2
10	64QAM	1	49	22.94	23.00	22.90		
10	64QAM	25	0	22.08	22.21	22.08		
10	64QAM	25	12	22.10	22.21	22.18	22.7	3
10	64QAM	25	25	21.99	22.11	22.02		
10	64QAM	50	0	22.05	22.12	21.98		
10	256QAM	1	0	19.99	20.14	20.01		
10	256QAM	1	25	19.96	20.08	19.96	20.7	5
10	256QAM	1	49	19.88	20.00	19.89		
10	256QAM	25	0	20.01	20.05	20.02		
10	256QAM	25	12	19.93	20.00	19.93	20.7	5
10	256QAM	25	25	19.82	19.96	19.89		
10	256QAM	50	0	19.90	19.99	19.93		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	24.84	24.96	24.83		
5	QPSK	1	12	24.80	24.80	24.88	25.7	0
5	QPSK	1	24	24.69	24.72	24.62		
5	QPSK	12	0	23.92	23.99	23.82		
5	QPSK	12	7	23.78	23.97	23.94	24.7	1
5	QPSK	12	13	23.78	23.93	23.87		
5	QPSK	25	0	23.86	23.97	23.82		
5	16QAM	1	0	23.96	24.07	23.88		
5	16QAM	1	12	23.88	23.93	23.82	24.7	1
5	16QAM	1	24	23.69	23.89	23.74		
5	16QAM	12	0	23.00	23.11	22.99		
5	16QAM	12	7	22.96	23.02	23.01	23.7	2
5	16QAM	12	13	22.84	22.98	22.84		
5	16QAM	25	0	22.91	22.96	22.91		
5	64QAM	1	0	22.94	23.09	22.93		
5	64QAM	1	12	22.94	23.04	22.97	23.7	2
5	64QAM	1	24	22.88	22.89	22.83		
5	64QAM	12	0	22.02	22.07	21.96		
5	64QAM	12	7	21.96	22.13	22.05	22.7	3
5	64QAM	12	13	21.94	21.97	21.93		
5	64QAM	25	0	21.91	22.06	21.92		
5	256QAM	1	0	19.93	20.05	19.89		
5	256QAM	1	12	19.84	19.98	19.84	20.7	5
5	256QAM	1	24	19.78	19.97	19.75		
5	256QAM	12	0	19.94	19.98	19.96		
5	256QAM	12	7	19.84	19.88	19.80	20.7	5
5	256QAM	12	13	19.75	19.89	19.86		
5	256QAM	25	0	19.78	19.85	19.87		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	24.85	24.91	24.91		
3	QPSK	1	8	24.69	24.81	24.83	25.7	0
3	QPSK	1	14	24.63	24.79	24.64		
3	QPSK	8	0	23.88	23.90	23.85		
3	QPSK	8	4	23.81	23.90	23.83	24.7	1
3	QPSK	8	7	23.80	23.92	23.78		
3	QPSK	15	0	23.87	23.88	23.76		
3	16QAM	1	0	23.88	24.06	23.87		
3	16QAM	1	8	23.91	23.91	23.86	24.7	1
3	16QAM	1	14	23.68	23.86	23.77		
3	16QAM	8	0	23.05	23.06	23.05		
3	16QAM	8	4	22.97	23.00	22.96	23.7	2
3	16QAM	8	7	22.83	22.97	22.82		
3	16QAM	15	0	22.92	22.96	22.93		
3	64QAM	1	0	22.92	23.11	22.96		
3	64QAM	1	8	22.97	23.08	22.90	23.7	2
3	64QAM	1	14	22.89	22.88	22.75		
3	64QAM	8	0	22.01	22.07	21.97		
3	64QAM	8	4	22.05	22.08	22.05	22.7	3
3	64QAM	8	7	21.95	22.01	21.90		
3	64QAM	15	0	21.95	21.99	21.95		
3	256QAM	1	0	19.87	20.06	19.97		
3	256QAM	1	8	19.90	20.00	19.85	20.7	5
3	256QAM	1	14	19.79	19.94	19.85		
3	256QAM	8	0	19.95	20.02	19.95		
3	256QAM	8	4	19.85	19.92	19.86	20.7	5
3	256QAM	8	7	19.76	19.84	19.76		
3	256QAM	15	0	19.85	19.95	19.83		
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	24.93	24.85		
1.4	QPSK	1	3	24.72	24.91	24.82		
1.4	QPSK	1	5	24.74	24.77	24.64	25.7	0
1.4	QPSK	3	0	24.82	24.96	24.88		
1.4	QPSK	3	1	24.80	24.93	24.93		
1.4	QPSK	3	3	24.80	24.91	24.88		
1.4	QPSK	6	0	23.94	23.98	23.84	24.7	1
1.4	16QAM	1	0	23.94	24.02	23.92		
1.4	16QAM	1	3	23.88	23.91	23.85		
1.4	16QAM	1	5	23.75	23.89	23.71	24.7	1
1.4	16QAM	3	0	24.05	24.13	24.05		
1.4	16QAM	3	1	23.96	24.08	23.97		
1.4	16QAM	3	3	23.80	24.00	23.79		
1.4	16QAM	6	0	22.95	23.00	22.95	23.7	2
1.4	64QAM	1	0	22.98	23.07	22.99		
1.4	64QAM	1	3	22.93	23.01	22.95		
1.4	64QAM	1	5	22.84	22.91	22.77	23.7	2
1.4	64QAM	3	0	22.97	23.08	23.00		
1.4	64QAM	3	1	22.98	23.13	23.07		
1.4	64QAM	3	3	22.94	23.01	22.87		
1.4	64QAM	6	0	22.00	22.08	21.92	22.7	3
1.4	256QAM	1	0	19.95	20.02	19.92		
1.4	256QAM	1	3	19.90	19.97	19.84		
1.4	256QAM	1	5	19.81	19.88	19.85	20.7	5
1.4	256QAM	3	0	19.91	19.90	19.90		
1.4	256QAM	3	1	19.88	19.89	19.88		
1.4	256QAM	3	3	19.75	19.88	19.79		
1.4	256QAM	6	0	19.79	19.87	19.88	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				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	23.13	23.21	23.18		
20	QPSK	1	49	23.11	23.20	23.15	24.5	0
20	QPSK	1	99	22.93	23.01	22.95		
20	QPSK	50	0	22.07	22.17	22.11		
20	QPSK	50	24	22.10	22.14	22.03	23.5	1
20	QPSK	50	50	21.96	22.09	22.06		
20	QPSK	100	0	22.02	22.08	22.04		
20	16QAM	1	0	22.31	22.40	22.31		
20	16QAM	1	49	22.20	22.28	22.20	23.5	1
20	16QAM	1	99	22.24	22.30	22.25		
20	16QAM	50	0	21.16	21.20	21.11		
20	16QAM	50	24	20.96	21.07	20.97	22.5	2
20	16QAM	50	50	20.99	21.07	21.03		
20	16QAM	100	0	20.99	21.14	21.06		
20	64QAM	1	0	21.12	21.26	21.17		
20	64QAM	1	49	21.04	21.12	21.01	22.5	2
20	64QAM	1	99	20.98	21.11	21.02		
20	64QAM	50	0	20.15	20.22	20.16		
20	64QAM	50	24	20.00	20.10	19.96	21.5	3
20	64QAM	50	50	20.05	20.09	19.95		
20	64QAM	100	0	20.12	20.17	20.06		
20	256QAM	1	0	18.11	18.16	18.08		
20	256QAM	1	49	17.93	18.02	17.88	19.5	5
20	256QAM	1	99	17.93	18.01	17.97		
20	256QAM	50	0	18.18	18.27	18.19		
20	256QAM	50	24	18.11	18.23	18.18	19.5	5
20	256QAM	50	50	18.09	18.15	18.01		
20	256QAM	100	0	18.14	18.18	18.09		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	22.99	23.14	23.11		
15	QPSK	1	37	23.01	23.14	23.06	24.5	0
15	QPSK	1	74	22.81	22.94	22.82		
15	QPSK	36	0	21.97	22.03	22.02		
15	QPSK	36	20	22.03	22.10	21.97	23.5	1
15	QPSK	36	39	21.87	21.97	22.03		
15	QPSK	75	0	21.93	22.03	21.99		
15	16QAM	1	0	22.19	22.30	22.23		
15	16QAM	1	37	22.05	22.19	22.12	23.5	1
15	16QAM	1	74	22.17	22.23	22.10		
15	16QAM	36	0	21.08	21.17	20.99		
15	16QAM	36	20	20.91	20.97	20.86	22.5	2
15	16QAM	36	39	20.93	21.02	20.96		
15	16QAM	75	0	20.91	21.07	21.01		
15	64QAM	1	0	21.08	21.21	21.11		
15	64QAM	1	37	20.91	21.06	20.93	22.5	2
15	64QAM	1	74	20.86	21.05	20.95		
15	64QAM	36	0	20.09	20.10	20.05		
15	64QAM	36	20	19.89	19.97	19.88	21.5	3
15	64QAM	36	39	19.99	20.06	19.82		
15	64QAM	75	0	20.05	20.11	19.99		
15	256QAM	1	0	17.97	18.11	18.04		
15	256QAM	1	37	17.81	17.92	17.80	19.5	5
15	256QAM	1	74	17.83	17.86	17.94		
15	256QAM	36	0	18.06	18.21	18.12		
15	256QAM	36	20	18.03	18.10	18.13	19.5	5
15	256QAM	36	39	17.77	18.04	17.94		
15	256QAM	75	0	18.04	18.13	17.99		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	23.09	23.16	23.10		
10	QPSK	1	25	23.00	23.12	23.02	24.5	0
10	QPSK	1	49	22.81	22.92	22.88		
10	QPSK	25	0	22.00	22.03	22.03		
10	QPSK	25	12	21.99	22.03	21.93	23.5	1
10	QPSK	25	25	21.89	22.03	21.94		
10	QPSK	50	0	21.98	21.94	22.00		
10	16QAM	1	0	22.16	22.29	22.22		
10	16QAM	1	25	22.07	22.16	22.09	23.5	1
10	16QAM	1	49	22.

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BW [MHz]	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	22.58	22.67	22.64	24	0
20	QPSK	1	49	22.52	22.64	22.57		
20	QPSK	1	99	22.55	22.66	22.53		
20	QPSK	50	0	21.71	21.77	21.72	23	1
20	QPSK	50	24	21.66	21.71	21.60		
20	QPSK	50	50	21.61	21.64	21.55		
20	QPSK	100	0	21.65	21.69	21.62		
20	16QAM	1	0	21.59	21.70	21.63	23	1
20	16QAM	1	49	21.57	21.69	21.63		
20	16QAM	1	99	21.55	21.66	21.60		
20	16QAM	50	0	20.71	20.84	20.70	22	2
20	16QAM	50	24	20.65	20.74	20.64		
20	16QAM	50	50	20.60	20.70	20.59		
20	16QAM	100	0	20.58	20.67	20.55		
20	64QAM	1	0	20.61	20.73	20.63	22	2
20	64QAM	1	49	20.53	20.68	20.54		
20	64QAM	1	99	20.58	20.67	20.61		
20	64QAM	50	0	19.75	19.87	19.82	21	3
20	64QAM	50	24	19.67	19.79	19.69		
20	64QAM	50	50	19.67	19.78	19.64		
20	64QAM	100	0	19.54	19.64	19.54		
20	256QAM	1	0	17.63	17.77	17.68	19	5
20	256QAM	1	49	17.55	17.65	17.60		
20	256QAM	1	99	17.58	17.67	17.60		
20	256QAM	50	0	17.79	17.89	17.77	19	5
20	256QAM	50	24	17.67	17.76	17.72		
20	256QAM	50	50	17.70	17.78	17.73		
20	256QAM	100	0	17.74	17.84	17.71		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.50	22.61	22.52	24	0
15	QPSK	1	37	22.40	22.57	22.47		
15	QPSK	1	74	22.43	22.55	22.44		
15	QPSK	36	0	21.56	21.66	21.63	23	1
15	QPSK	36	20	21.59	21.63	21.50		
15	QPSK	36	39	21.50	21.51	21.41		
15	QPSK	75	0	21.58	21.59	21.52		
15	16QAM	1	0	21.53	21.64	21.52	23	1
15	16QAM	1	37	21.48	21.65	21.55		
15	16QAM	1	74	21.47	21.59	21.46		
15	16QAM	36	0	20.64	20.74	20.57	22	2
15	16QAM	36	20	20.52	20.66	20.52		
15	16QAM	36	39	20.52	20.58	20.53		
15	16QAM	75	0	20.53	20.56	20.50		
15	64QAM	1	0	20.57	20.60	20.58	22	2
15	64QAM	1	37	20.42	20.56	20.46		
15	64QAM	1	74	20.43	20.58	20.52		
15	64QAM	36	0	19.66	19.76	19.67	21	3
15	64QAM	36	20	19.53	19.69	19.58		
15	64QAM	36	39	19.56	19.64	19.58		
15	64QAM	75	0	19.41	19.54	19.39		
15	256QAM	1	0	17.66	17.79	17.69	19	5
15	256QAM	1	37	17.51	17.65	17.54		
15	256QAM	1	74	17.52	17.71	17.64		
15	256QAM	36	0	17.81	17.88	17.83	19	5
15	256QAM	36	20	17.69	17.77	17.75		
15	256QAM	36	39	17.64	17.80	17.69		
15	256QAM	75	0	17.70	17.81	17.73		
Channel				37600	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.45	22.56	22.52	24	0
10	QPSK	1	25	22.45	22.58	22.48		
10	QPSK	1	49	22.42	22.55	22.45		
10	QPSK	25	0	21.61	21.66	21.64	23	1
10	QPSK	25	12	21.63	21.60	21.55		
10	QPSK	25	25	21.56	21.49	21.48		
10	QPSK	50	0	21.59	21.63	21.48		
10	16QAM	1	0	21.52	21.62	21.51	23	1
10	16QAM	1	25	21.48	21.60	21.53		
10	16QAM	1	49	21.51	21.55	21.54		
10	16QAM	25	0	20.66	20.73	20.62	22	2
10	16QAM	25	12	20.50	20.66	20.58		
10	16QAM	25	25	20.56	20.57	20.47		
10	16QAM	50	0	20.52	20.59	20.47		
10	64QAM	1	0	20.48	20.70	20.58	22	2
10	64QAM	1	25	20.41	20.62	20.49		
10	64QAM	1	49	20.47	20.56	20.54		
10	64QAM	25	0	19.64	19.74	19.78	21	3
10	64QAM	25	12	19.61	19.70	19.60		
10	64QAM	25	25	19.61	19.64	19.52		
10	64QAM	50	0	19.42	19.55	19.42		
10	256QAM	1	0	17.58	17.73	17.67	19	5
10	256QAM	1	25	17.60	17.62	17.61		
10	256QAM	1	49	17.55	17.66	17.57		
10	256QAM	25	0	17.76	17.86	17.73	19	5
10	256QAM	25	12	17.70	17.72	17.70		
10	256QAM	25	25	17.74	17.87	17.69		
10	256QAM	50	0	17.74	17.87	17.67		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.45	22.56	22.52	24	0
5	QPSK	1	12	22.48	22.58	22.42		
5	QPSK	1	24	22.50	22.60	22.48		
5	QPSK	12	0	21.64	21.67	21.68	23	1
5	QPSK	12	7	21.52	21.66	21.49		
5	QPSK	12	13	21.48	21.60	21.50		
5	QPSK	25	0	21.53	21.63	21.59		
5	16QAM	1	0	21.45	21.67	21.57	23	1
5	16QAM	1	12	21.43	21.58	21.51		
5	16QAM	1	24	21.49	21.63	21.49		
5	16QAM	12	0	20.65	20.75	20.66	22	2
5	16QAM	12	7	20.61	20.65	20.55		
5	16QAM	12	13	20.48	20.62	20.53		
5	16QAM	25	0	20.44	20.61	20.40		
5	64QAM	1	0	20.50	20.65	20.52	22	2
5	64QAM	1	12	20.41	20.58	20.45		
5	64QAM	1	24	20.54	20.62	20.49		
5	64QAM	12	0	19.64	19.74	19.77	21	3
5	64QAM	12	7	19.57	19.73	19.65		
5	64QAM	12	13	19.61	19.67	19.53		
5	64QAM	25	0	19.51	19.49	19.50		
5	256QAM	1	0	17.64	17.82	17.67	19	5
5	256QAM	1	12	17.50	17.61	17.61		
5	256QAM	1	24	17.64	17.61	17.61		
5	256QAM	12	0	17.85	17.94	17.78	19	5
5	256QAM	12	7	17.66	17.74	17.77		
5	256QAM	12	13	17.71	17.74	17.68		
5	256QAM	25	0	17.79	17.84	17.70		

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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	22.85	22.72	22.93	22.81	22.76	24.5	0
20	QPSK	1	49	22.83	22.81	22.86	22.80	22.74		
20	QPSK	1	99	22.65	22.64	22.75	22.70	22.68		
20	QPSK	50	0	21.77	21.84	21.88	21.80	21.85	23.5	1
20	QPSK	50	24	21.71	21.87	21.78	21.64	21.71		
20	QPSK	50	50	21.69	21.77	21.81	21.68	21.74		
20	QPSK	100	0	21.70	21.75	21.84	21.75	21.75		
20	16QAM	1	0	21.91	21.91	21.95	21.88	21.94	23.5	1
20	16QAM	1	49	21.70	21.70	21.83	21.77	21.69		
20	16QAM	1	99	21.71	21.68	21.80	21.67	21.76		
20	16QAM	50	0	20.86	20.78	20.91	20.83	20.87	22.5	2
20	16QAM	50	24	20.74	20.67	20.78	20.74	20.68		
20	16QAM	50	50	20.66	20.75	20.79	20.67	20.64		
20	16QAM	100	0	20.83	20.76	20.89	20.84	20.84		
20	64QAM	1	0	20.89	20.92	20.95	20.86	20.82	22.5	2
20	64QAM	1	49	20.80	20.83	20.87	20.74	20.83		
20	64QAM	1	99	20.72	20.76	20.79	20.65	20.70		
20	64QAM	50	0	19.83	19.90	19.97	19.91	19.86	21.5	3
20	64QAM	50	24	19.69	19.70	19.76	19.67	19.66		
20	64QAM	50	50	19.74	19.72	19.80	19.69	19.66		
20	64QAM	100	0	19.80	19.73	19.86	19.76	19.81		
20	256QAM	1	0	17.79	17.76	17.84	17.74	17.69	19.5	5
20	256QAM	1	49	17.65	17.67	17.72	17.65	17.68		
20	256QAM	1	99	17.68	17.67	17.76	17.65	17.64		
20	256QAM	50	0	17.77	17.77	17.89	17.83	17.82	19.5	5
20	256QAM	50	24	17.69	17.74	17.82	17.78	17.69		
20	256QAM	50	50	17.69	17.71	17.76	17.69	17.75		
20	256QAM	100	0	17.82	17.71	17.86	17.71	17.82		
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	22.77	22.68	22.87	22.76	22.73	25	0
15	QPSK	1	37	22.74	22.74	22.78	22.68	22.63		
15	QPSK	1	74	22.61	22.60	22.62	22.56	22.53		
15	QPSK	36	0	21.63	21.76	21.75	21.74	21.80	23.5	1
15	QPSK	36	20	21.59	21.54	21.68	21.54	21.63		
15	QPSK	36	39	21.65	21.67	21.71	21.60	21.63		
15	QPSK	75	0	21.60	21.68	21.75	21.65	21.61		
15	16QAM	1	0	21.85	21.80	21.82	21.81	21.75	23.5	1
15	16QAM	1	37	21.56	21.63	21.71	21.67	21.57		
15	16QAM	1	74	21.60	21.62	21.69	21.56	21.64		
15	16QAM	36	0	20.78	20.73	20.85	20.73	20.75	22.5	2
15	16QAM	36	20	20.68	20.60	20.66	20.65	20.58		
15	16QAM	36	39	20.55	20.61	20.66	20.62	20.57		
15	16QAM	75	0	20.69	20.71	20.76	20.80	20.70		
15	64QAM	1	0	20.82	20.84	20.86	20.77	20.74	22.5	2
15	64QAM	1	37	20.68	20.70	20.79	20.66	20.74		
15	64QAM	1	74	20.61	20.64	20.68	20.53	20.62		
15	64QAM	36	0	19.78	19.77	19.83	19.85	19.74	21.5	3
15	64QAM	36	20	19.54	19.62	19.65	19.57	19.61		
15	64QAM	36	39	19.62	19.58	19.75	19.64	19.53		
15	64QAM	75	0	19.73	19.67	19.80	19.70	19.73		
15	256QAM	1	0	17.68	17.69	17.79	17.61	17.60	19.5	5
15	256QAM	1	37	17.61	17.56	17.62	17.58	17.61		
15	256QAM	1	74	17.62	17.56	17.62	17.55	17.60		
15	256QAM	36	0	17.66	17.72	17.86	17.80	17.68	19.5	5
15	256QAM	36	20	17.60	17.63	17.72	17.66	17.63		
15	256QAM	36	39	17.61	17.64	17.69	17.60	17.69		
15	256QAM	75	0	17.76	17.63	17.83	17.60	17.72		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.74	22.64	22.81	22.77	22.68	24.50	0
10	QPSK	1	25	22.72	22.66	22.75	22.66	22.60		
10	QPSK	1	49	22.56	22.52	22.68	22.56	22.55		
10	QPSK	25	0	21.66	21.73	21.80	21.75	21.73	23.5	1
10	QPSK	25	12	21.69	21.58	21.75	21.51	21.63		
10	QPSK	25	25	21.64	21.62	21.77	21.60	21.66		
10	QPSK	50	0	21.57	21.64	21.69	21.68	21.69		
10	16QAM	1	0	21.78	21.87	21.86	21.83	21.76	23.5	1
10	16QAM	1	25	21.66	21.56	21.79	21.66	21.59		
10	16QAM	1	49	21.59	21.64	21.73	21.62	21.71		
10	16QAM	25	0	20.77	20.65	20.85	20.79	20.75	22.5	2
10	16QAM	25	12	20.62	20.62	20.64	20.65	20.63		
10	16QAM	25	25	20.54	20.62	20.73	20.60	20.59		
10	16QAM	50	0	20.72	20.67	20.76	20.72	20.71		
10	64QAM	1	0	20.79	20.78	20.87	20.82	20.69	22.5	2
10	64QAM	1	25	20.70	20.71	20.81	20.70	20.79		
10	64QAM	1	49	20.68	20.66	20.72	20.56	20.65		
10	64QAM	25	0	19.80	19.76	19.89	19.87	19.77	21.5	3
10	64QAM	25	12	19.63	19.55	19.67	19.57	19.59		
10	64QAM	25	25	19.59	19.58	19.72	19.65	19.62		
10	64QAM	50	0	19.71	19.59	19.77	19.65	19.71		
10	256QAM	1	0	17.74	17.71	17.74	17.63	17.64	19.5	5
10	256QAM	1	25	17.51	17.53	17.68	17.57	17.56		
10	256QAM	1	49	17.62	17.52	17.71	17.58	17.59		
10	256QAM	25	0	17.66	17.65	17.83	17.80	17.75	19.5	5
10	256QAM	25	12	17.60	17.61	17.75	17.72	17.62		
10	256QAM	25	25	17.74	17.68	17.71	17.62	17.71		
10	256QAM	50	0	17.68	17.67	17.73	17.61	17.76		
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	22.79	22.65	22.83	22.70	22.69	24.50	0
5	QPSK	1	12	22.71	22.72	22.78	22.73	22.68		
5	QPSK	1	24	22.60	22.57	22.63	22.67	22.61		
5	QPSK	12	0	21.66	21.76	21.82	21.75	21.75	23.5	1
5	QPSK	12	7	21.67	21.61	21.63	21.57	21.64		
5	QPSK	12	13	21.60	21.63	21.73	21.64	21.63		
5	QPSK	25	0	21.60	21.64	21.77	21.71	21.69		
5	16QAM	1	0	21.88	21.82	21.89	21.77	21.76	23.5	1
5	16QAM	1	12	21.59	21.61	21.78	21.72	21.62		
5	16QAM	1	24	21.65	21.55	21.67	21.55	21.67		
5	16QAM	12	0	20.72	20.66	20.77	20.73	20.72	22.5	2
5	16QAM	12	7	20.67	20.58	20.64	20.70	20.55		
5	16QAM	12	13	20.56	20.69	20.69	20.54	20.60		
5	16QAM	25	0	20.75	20.64	20.84	20.70	20.76	22.5	2
5	64QAM	1	0	20.76	20.77	20.87	20.74	20.74		
5	64QAM	1	12	20.65	20.75	20.75	20.60	20.73		
5	64QAM	1	24	20.68	20.68	20.69	20.52	20.57		
5	64QAM	12	0	19.76	19.79	19.90	19.78	19.81	21.5	3
5	64QAM	12	7	19.55	19.59	19.69	19.55	19.62		
5	64QAM	12	13	19.61	19.61	19.75	19.64	19.53		
5	64QAM	25	0	19.70	19.69	19.78	19.72	19.70		
5	256QAM	1	0	17.71	17.67	17.75	17.69	17.57	19.5	5
5	256QAM	1	12	17.59	17.53	17.60	17.52	17.62		
5	256QAM	1	24	17.60	17.58	17.62	17.57	17.55		
5	256QAM	12	0	17.70	17.68	17.75	17.79	17.76	19.5	5
5	256QAM	12	7	17.65	17.65	17.68	17.72	17.55		
5	256QAM	12	13	17.56	17.68	17.73	17.63	17.63		
5	256QAM	25	0	17.73	17.66	17.79	17.60	17.77		

GSM850 Ant1 Default

GSM850	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)	Ch Delta > 0.5
TX Channel	128	189	251		128	189	251		
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8		
GSM 1 Tx slot	32.98	33.22	33.13	34.90	23.98	24.22	24.13	25.90	0.32
GPRS 1 Tx slot	32.90	33.12	33.04	34.90	23.90	24.12	24.04	25.90	
GPRS 2 Tx slots	30.01	30.18	30.12	31.90	24.01	24.18	24.12	25.90	0.17
GPRS 3 Tx slots	28.19	28.23	28.16	30.10	23.93	23.97	23.90	25.84	0.07
GPRS 4 Tx slots	26.93	26.97	26.94	28.90	23.93	23.97	23.94	25.90	0.04
EDGE 1 Tx slot	26.71	26.77	26.76	28.50	17.71	17.77	17.76	19.50	0.06
EDGE 2 Tx slots	23.78	23.80	23.68	25.50	17.78	17.80	17.68	19.50	0.12
EDGE 3 Tx slots	21.76	21.89	21.84	23.70	17.50	17.63	17.58	19.44	0.13
EDGE 4 Tx slots	20.66	20.62	20.61	22.50	17.66	17.62	17.61	19.50	0.05

GSM1900 Ant1 Default

GSM1900	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)	Ch Delta > 0.5
TX Channel	512	661	810		512	661	810		
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8		
GSM 1 Tx slot	30.23	30.31	30.27	31.50	21.23	21.31	21.27	22.50	0.19
GPRS 1 Tx slot	30.12	30.23	30.21	31.50	21.12	21.23	21.21	22.50	
GPRS 2 Tx slots	26.96	27.03	26.92	28.50	20.96	21.03	20.92	22.50	0.11
GPRS 3 Tx slots	25.24	25.32	25.11	26.70	20.98	21.06	20.85	22.44	0.21
GPRS 4 Tx slots	24.24	24.37	24.16	25.50	21.24	21.37	21.16	22.50	0.21
EDGE 1 Tx slot	25.05	25.16	25.31	26.50	16.05	16.16	16.31	17.50	0.26
EDGE 2 Tx slots	22.11	22.20	22.31	23.50	16.11	16.20	16.31	17.50	0.20
EDGE 3 Tx slots	20.29	20.38	20.56	21.70	16.03	16.12	16.30	17.44	0.27
EDGE 4 Tx slots	19.09	19.06	19.23	20.50	16.09	16.06	16.23	17.50	0.17

WCDMA II Ant1 Default / WCDMA IV Ant1 Default / WCDMA V Ant1 Default

Band		WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)	WCDMA V			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	23.92	23.95	23.90	25.30	23.74	23.85	23.78	25.10	23.91	23.97	23.80	25.60
3GPP Rel 99	RMC 12.2Kbps	23.98	24.06	24.01	25.30	23.84	23.91	23.89	25.10	24.02	24.05	23.92	25.60
3GPP Rel 6	HSDPA Subtest-1	22.91	23.09	23.06	24.30	22.81	22.98	22.90	24.10	23.02	22.96	22.87	24.60
3GPP Rel 6	HSDPA Subtest-2	22.90	23.11	23.14	24.30	22.90	22.86	23.07	24.10	23.10	23.11	22.83	24.60
3GPP Rel 6	HSDPA Subtest-3	22.47	22.55	22.66	23.80	22.40	22.53	22.61	23.60	22.53	22.46	22.47	24.10
3GPP Rel 6	HSDPA Subtest-4	22.49	22.52	22.66	23.80	22.31	22.44	22.47	23.60	22.47	22.61	22.25	24.10
3GPP Rel 8	DC-HSDPA Subtest-1	22.85	23.02	23.04	24.30	22.82	23.02	22.89	24.10	23.20	23.10	22.96	24.60
3GPP Rel 8	DC-HSDPA Subtest-2	22.86	23.02	23.19	24.30	22.85	22.96	23.01	24.10	23.19	23.09	22.98	24.60
3GPP Rel 8	DC-HSDPA Subtest-3	22.48	22.64	22.57	23.80	22.43	22.45	22.55	23.60	22.61	22.60	22.35	24.10
3GPP Rel 8	DC-HSDPA Subtest-4	22.41	22.50	22.61	23.80	22.37	22.47	22.51	23.60	22.47	22.62	22.40	24.10
3GPP Rel 6	HSUPA Subtest-1	23.03	22.97	23.12	24.30	22.89	22.96	22.95	24.10	23.04	23.00	22.91	24.60
3GPP Rel 6	HSUPA Subtest-2	21.10	21.12	21.08	22.30	20.85	20.95	21.00	22.10	21.11	20.99	20.76	22.60
3GPP Rel 6	HSUPA Subtest-3	21.88	22.13	22.21	23.30	21.95	21.87	21.88	23.10	22.20	21.96	21.86	23.60
3GPP Rel 6	HSUPA Subtest-4	20.86	21.02	21.24	22.30	20.92	20.89	21.11	22.10	21.22	21.01	20.77	22.60
3GPP Rel 6	HSUPA Subtest-5	22.93	23.04	23.08	24.30	23.00	22.96	22.87	24.10	23.15	23.02	22.96	24.60
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.44	20.58	20.53	21.80	20.43	20.51	20.43	21.60	20.71	20.56	20.34	22.10

Band 2 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				18700	18800	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	24.16	24.23	24.15	25.3	0
20	QPSK	1	49	23.89	24.02	23.97		
20	QPSK	1	99	24.04	24.14	21.89		
20	QPSK	50	0	23.04	23.19	23.05		
20	QPSK	50	24	22.86	23.00	22.94	24.3	1
20	QPSK	50	50	22.93	23.04	22.95		
20	QPSK	100	0	23.03	23.10	22.99		
20	16QAM	1	0	23.27	23.34	23.21		
20	16QAM	1	49	23.10	23.22	23.12	24.3	1
20	16QAM	1	99	23.04	23.18	23.11		
20	16QAM	50	0	21.90	21.94	21.89		
20	16QAM	50	24	21.92	21.95	21.84	23.3	2
20	16QAM	50	50	22.00	22.06	21.91		
20	16QAM	100	0	21.89	22.04	21.94		
20	64QAM	1	0	22.21	22.30	22.16		
20	64QAM	1	49	22.01	22.16	22.08	23.3	2
20	64QAM	1	99	22.11	22.25	22.20		
20	64QAM	50	0	21.11	21.22	21.18		
20	64QAM	50	24	21.26	21.35	21.31	22.3	3
20	64QAM	50	50	21.14	21.27	21.22		
20	64QAM	100	0	21.03	21.16	21.06		
20	256QAM	1	0	18.98	19.08	19.04		
20	256QAM	1	49	18.96	18.99	18.86	20.3	5
20	256QAM	1	99	18.99	19.03	18.95		
20	256QAM	50	0	18.91	18.96	18.85		
20	256QAM	50	24	18.81	18.90	18.82	20.3	5
20	256QAM	50	50	18.78	18.81	18.68		
20	256QAM	100	0	18.96	19.01	18.87		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	24.08	24.15	24.04		
15	QPSK	1	37	23.78	23.91	23.83	25.3	0
15	QPSK	1	74	23.97	24.11	24.06		
15	QPSK	36	0	22.95	23.07	22.97		
15	QPSK	36	20	22.77	22.92	22.89	24.3	1
15	QPSK	36	39	22.88	22.94	22.85		
15	QPSK	75	0	22.99	23.04	22.86		
15	16QAM	1	0	23.16	23.26	23.06		
15	16QAM	1	37	23.00	23.08	23.03	24.3	1
15	16QAM	1	74	22.99	23.07	23.08		
15	16QAM	36	0	21.75	21.91	21.75		
15	16QAM	36	20	21.81	21.91	21.71	23.3	2
15	16QAM	36	39	21.90	21.97	21.81		
15	16QAM	75	0	21.77	21.96	21.80		
15	64QAM	1	0	22.12	22.27	22.03		
15	64QAM	1	37	21.96	22.07	21.95	23.3	2
15	64QAM	1	74	22.00	22.21	22.12		
15	64QAM	36	0	21.07	21.09	21.05		
15	64QAM	36	20	21.19	21.26	21.26	22.3	3
15	64QAM	36	39	21.10	21.17	21.09		
15	64QAM	75	0	20.98	21.02	20.94		
15	256QAM	1	0	18.91	18.95	18.90		
15	256QAM	1	37	18.86	18.92	18.75	20.3	5
15	256QAM	1	74	18.89	18.96	18.81		
15	256QAM	36	0	18.83	18.82	18.72		
15	256QAM	36	20	18.67	18.86	18.75	20.3	5
15	256QAM	36	39	18.71	18.74	18.57		
15	256QAM	75	0	18.86	18.96	18.84		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	24.09	24.15	24.06		
10	QPSK	1	25	23.78	23.95	23.85	25.3	0
10	QPSK	1	49	23.93	24.11	23.95		
10	QPSK	25	0	22.97	23.04	22.99		
10	QPSK	25	12	22.76	22.86	22.88	24.3	1
10	QPSK	25	25	22.84	22.96	22.90		
10	QPSK	50	0	22.91	22.98	22.92		
10	16QAM	1	0	23.23	23.24	23.13		
10	16QAM	1	25	22.99	23.18	23.04	24.3	1
10	16QAM	1	49	22.99	23.13	23.00		
10	16QAM	25	0	21.76	21.87	21.84		
10	16QAM	25	12	21.88	21.82	21.80	23.3	2
10	16QAM	25	25	21.94	21.97	21.79		
10	16QAM	50	0	21.80	22.01	21.85		
10	64QAM	1	0	22.14	22.18	22.06		
10	64QAM	1	25	21.89	22.12	21.97	23.3	2
10	64QAM	1	49	22.06	22.12	22.12		
10	64QAM	25	0	21.02	21.15	21.12		
10	64QAM	25	12	21.19	21.27	21.27	22.3	3
10	64QAM	25	25	21.08	21.14	21.14		
10	64QAM	50	0	20.92	21.09	21.00		
10	256QAM	1	0	18.86	18.99	19.01		
10	256QAM	1	25	18.88	18.85	18.79	20.3	5
10	256QAM	1	49	18.87	18.99	18.84		
10	256QAM	25	0	18.87	18.83	18.73		
10	256QAM	25	12	18.68	18.77	18.76	20.3	5
10	256QAM	25	25	18.74	18.71	18.54		
10	256QAM	50	0	18.83	18.98	18.79		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	24.08	24.17	24.00		
5	QPSK	1	12	23.83	23.91	23.94	25.3	0
5	QPSK	1	24	24.01	24.06	24.00		
5	QPSK	12	0	22.99	23.15	23.01		
5	QPSK	12	7	22.74	22.96	22.87	24.3	1
5	QPSK	12	13	22.85	22.99	22.85		
5	QPSK	25	0	22.96	22.99	22.92		
5	16QAM	1	0	23.16	23.26	23.15		
5	16QAM	1	12	23.01	23.15	23.06	24.3	1
5	16QAM	1	24	22.95	23.08	23.05		
5	16QAM	12	0	21.78	21.81	21.79		
5	16QAM	12	7	21.89	21.82	21.77	23.3	2
5	16QAM	12	13	21.97	21.98	21.87		
5	16QAM	25	0	21.82	21.89	21.87		
5	64QAM	1	0	22.08	22.24	22.06		
5	64QAM	1	12	21.93	22.09	21.96	23.3	2
5	64QAM	1	24	22.04	22.20	22.09		
5	64QAM	12	0	21.00	21.12	21.04		
5	64QAM	12	7	21.20	21.25	21.27	22.3	3
5	64QAM	12	13	21.02	21.13	21.11		
5	64QAM	25	0	20.91	21.09	20.96		
5	256QAM	1	0	18.88	19.03	18.89		
5	256QAM	1	12	18.82	18.95	18.73	20.3	5
5	256QAM	1	24	18.91	18.97	18.92		
5	256QAM	12	0	18.81	18.94	18.71		
5	256QAM	12	7	18.70	18.82	18.71	20.3	5
5	256QAM	12	13	18.65	18.76	18.59		
5	256QAM	25	0	18.85	18.94	18.78		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	24.08	24.20	24.08		
3	QPSK	1	8	23.78	23.94	23.91	25.3	0
3	QPSK	1	14	23.99	24.04	23.97		
3	QPSK	8	0	22.99	23.06	22.97		
3	QPSK	8	4	22.81	22.95	22.84	24.3	1
3	QPSK	8	7	22.84	22.90	22.82		
3	QPSK	15	0	22.90	22.96	22.90		
3	16QAM	1	0	23.23	23.26	23.17		
3	16QAM	1	8	23.05	23.11	23.08	24.3	1
3	16QAM	1	14	23.01	23.14	23.05		
3	16QAM	8	0	21.79	21.79	21.81		
3	16QAM	8	4	21.80	21.82	21.80	23.3	2
3	16QAM	8	7	21.96	21.97	21.82		
3	16QAM	15	0	21.81	22.00	21.90		
3	64QAM	1	0	22.10	22.17	22.03		
3	64QAM	1	8	21.89	22.02	21.96	23.3	2
3	64QAM	1	14	22.05	22.21	22.09		
3	64QAM	8	0	21.03	21.12	21.09		
3	64QAM	8	4	21.16	21.30	21.23	22.3	3
3	64QAM	8	7	21.01	21.20	21.16		
3	64QAM	15	0	20.95	21.12	20.97		
3	256QAM	1	0	18.90	19.01	18.97		
3	256QAM	1	8	18.89	18.89	18.78	20.3	5
3	256QAM	1	14	18.88	18.91	18.82		
3	256QAM	8	0	18.83	18.87	18.73		
3	256QAM	8	4	18.75	18.84	18.76	20.3	5
3	256QAM	8	7	18.66	18.68	18.54		
3	256QAM	15	0	18.81	18.94	18.74		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	24.03	24.19	24.08		
1.4	QPSK	1	3	23.78	23.95	23.88		
1.4	QPSK	1	5	23.95	24.01	24.05	25.3	0
1.4	QPSK	3	0	24.01	24.05	23.98		
1.4	QPSK	3	1	23.72	23.91	23.81		
1.4	QPSK	3	3	23.86	23.89	23.81		
1.4	QPSK	6	0	22.94	23.03	22.89	24.3	1
1.4	16QAM	1	0	23.14	23.23	23.16		
1.4	16QAM	1	3	22.99	23.14	23.00		
1.4	16QAM	1	5	22.90	23.09	22.96	24.3	1
1.4	16QAM	3	0	22.77	22.86	22.76		
1.4	16QAM	3	1	22.87	22.89	22.70		
1.4	16QAM	3	3	22.86	22.92	22.78		
1.4	16QAM	6	0	21.82	22.00	21.82	23.3	2
1.4	64QAM	1	0	22.15	22.26	22.03		
1.4	64QAM	1	3	21.89	22.06	22.01		
1.4	64QAM	1	5	21.97	22.20	22.09	23.3	2
1.4	64QAM	3	0	21.96	22.11	22.13		
1.4	64QAM	3	1	22.16	22.23	22.23		
1.4	64QAM	3	3	22.05	22.13	22.08		
1.4	64QAM	6	0	20.92	21.13	20.94	22.3	3
1.4	256QAM	1	0	18.92	19.04	18.91		
1.4	256QAM	1	3	18.85	18.94	18.81		
1.4	256QAM	1	5	18.86	18.95	18.88	20.3	5
1.4	256QAM	3	0	18.83	18.92	18.76		
1.4	256QAM	3	1	18.76	18.81	18.74		
1.4	256QAM	3	3	18.64	18.71	18.57		
1.4	256QAM	6	0	18.86	18.95	18.74	20.3	5

Band 4 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				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	24.86	24.87	24.84	25.7	0
20	QPSK	1	49	24.72	24.83	24.77		
20	QPSK	1	99	24.63	24.76	24.67		
20	QPSK	50	0	23.61	23.76	23.71		
20	QPSK	50	24	23.64	23.68	23.54	24.7	1
20	QPSK	50	50	23.65	23.73	23.68		
20	QPSK	100	0	23.62	23.74	23.63		
20	16QAM	1	0	24.00	24.04	23.97		
20	16QAM	1	49	23.87	23.98	23.87	24.7	1
20	16QAM	1	99	23.94	24.01	23.86		
20	16QAM	50	0	22.77	22.82	22.76		
20	16QAM	50	24	22.80	22.92	22.82	23.7	2
20	16QAM	50	50	22.69	22.76	22.70		
20	16QAM	100	0	22.80	22.93	22.79		
20	64QAM	1	0	22.81	22.89	22.78		
20	64QAM	1	49	22.86	22.94	22.81	23.7	2
20	64QAM	1	99	22.90	23.03	22.95		
20	64QAM	50	0	21.87	21.94	21.88		
20	64QAM	50	24	21.72	21.85	21.72	22.7	3
20	64QAM	50	50	21.72	21.80	21.72		
20	64QAM	100	0	21.85	21.92	21.79		
20	256QAM	1	0	19.92	19.95	19.90		
20	256QAM	1	49	19.85	19.89	19.77	20.7	5
20	256QAM	1	99	19.74	19.81	19.71		
20	256QAM	50	0	19.79	19.88	19.75		
20	256QAM	50	24	19.69	19.77	19.69	20.7	5
20	256QAM	50	50	19.62	19.75	19.65		
20	256QAM	100	0	19.67	19.82	19.75		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	24.76	24.79	24.79		
15	QPSK	1	37	24.65	24.73	24.67	25.7	0
15	QPSK	1	74	24.57	24.72	24.53		
15	QPSK	36	0	23.54	23.72	23.59		
15	QPSK	36	20	23.51	23.58	23.46	24.7	1
15	QPSK	36	39	23.59	23.65	23.64		
15	QPSK	75	0	23.52	23.62	23.58		
15	16QAM	1	0	23.93	23.89	23.84		
15	16QAM	1	37	23.81	23.93	23.80	24.7	1
15	16QAM	1	74	23.90	23.94	23.81		
15	16QAM	36	0	22.72	22.75	22.66		
15	16QAM	36	20	22.65	22.83	22.78	23.7	2
15	16QAM	36	39	22.64	22.68	22.59		
15	16QAM	75	0	22.71	22.82	22.64		
15	64QAM	1	0	22.75	22.78	22.70		
15	64QAM	1	37	22.81	22.88	22.74	23.7	2
15	64QAM	1	74	22.83	22.92	22.81		
15	64QAM	36	0	21.77	21.82	21.82		
15	64QAM	36	20	21.62	21.78	21.85	22.7	3
15	64QAM	36	39	21.63	21.72	21.67		
15	64QAM	75	0	21.79	21.79	21.76		
15	256QAM	1	0	19.79	19.83	19.83		
15	256QAM	1	37	19.73	19.80	19.63	20.7	5
15	256QAM	1	74	19.68	19.69	19.68		
15	256QAM	36	0	19.75	19.79	19.71		
15	256QAM	36	20	19.58	19.68	19.60	20.7	5
15	256QAM	36	39	19.53	19.63	19.58		
15	256QAM	75	0	19.55	19.73	19.70		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	24.74	24.79	24.70		
10	QPSK	1	25	24.59	24.68	24.63	25.7	0
10	QPSK	1	49	24.58	24.62	24.58		
10	QPSK	25	0	23.51	23.63	23.62		
10	QPSK	25	12	23.54	23.59	23.48	24.7	1
10	QPSK	25	25	23.56	23.65	23.59		
10	QPSK	50	0	23.57	23.70	23.55		
10	16QAM	1	0	23.96	24.00	23.83		
10	16QAM	1	25	23.78	23.89	23.84	24.7	1
10	16QAM	1	49	23.85	23.98	23.82		
10	16QAM	25	0	22.70	22.68	22.73		
10	16QAM	25	12	22.73	22.82	22.77	23.7	2
10	16QAM	25	25	22.66	22.71	22.67		
10	16QAM	50	0	22.72	22.85	22.66		
10	64QAM	1	0	22.75	22.79	22.73		
10	64QAM	1	25	22.81	22.87	22.68	23.7	2
10	64QAM	1	49	22.84	22.91	22.90		
10	64QAM	25	0	21.77	21.84	21.75		
10	64QAM	25	12	21.63	21.78	21.58	22.7	3
10	64QAM	25	25	21.66	21.73	21.64		
10	64QAM	50	0	21.80	21.84	21.71		
10	256QAM	1	0	19.79	19.82	19.75		
10	256QAM	1	25	19.74	19.80	19.73	20.7	5
10	256QAM	1	49	19.68	19.67	19.59		
10	256QAM	25	0	19.72	19.84	19.67		
10	256QAM	25	12	19.64	19.65	19.61	20.7	5
10	256QAM	25	25	19.57	19.69	19.52		
10	256QAM	50	0	19.53	19.74	19.63		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	24.78	24.81	24.75		
5	QPSK	1	12	24.61	24.73	24.70	25.7	0
5	QPSK	1	24	24.48	24.65	24.54		
5	QPSK	12	0	23.55	23.70	23.61		
5	QPSK	12	7	23.50	23.65	23.40	24.7	1
5	QPSK	12	13	23.61	23.64	23.63		
5	QPSK	25	0	23.47	23.62	23.59		
5	16QAM	1	0	23.86	23.90	23.87		
5	16QAM	1	12	23.82	23.89	23.83	24.7	1
5	16QAM	1	24	23.86	23.89	23.74		
5	16QAM	12	0	22.69	22.74	22.62		
5	16QAM	12	7	22.71	22.87	22.70	23.7	2
5	16QAM	12	13	22.58	22.69	22.62		
5	16QAM	25	0	22.67	22.82	22.76		
5	64QAM	1	0	22.77	22.77	22.68		
5	64QAM	1	12	22.77	22.90	22.67	23.7	2
5	64QAM	1	24	22.79	22.90	22.82		
5	64QAM	12	0	21.74	21.89	21.78		
5	64QAM	12	7	21.69	21.73	21.63	22.7	3
5	64QAM	12	13	21.62	21.75	21.65		
5	64QAM	25	0	21.73	21.81	21.66		
5	256QAM	1	0	19.82	19.90	19.78		
5	256QAM	1	12	19.76	19.78	19.68	20.7	5
5	256QAM	1	24	19.66	19.74	19.67		
5	256QAM	12	0	19.64	19.76	19.60		
5	256QAM	12	7	19.58	19.71	19.55	20.7	5
5	256QAM	12	13	19.48	19.70	19.60		
5	256QAM	25	0	19.54	19.70	19.63		
Channel				19950	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	24.82	24.83	24.77		
3	QPSK	1	8	24.60	24.69	24.69	25.7	0
3	QPSK	1	14	24.52	24.65	24.59		
3	QPSK	8	0	23.49	23.65	23.64		
3	QPSK	8	4	23.49	23.65	23.41	24.7	1
3	QPSK	8	7	23.60	23.67	23.61		
3	QPSK	15	0	23.50	23.60	23.52		
3	16QAM	1	0	23.88	23.94	23.85		
3	16QAM	1	8	23.75	23.83	23.83	24.7	1
3	16QAM	1	14	23.86	23.96	23.72		
3	16QAM	8	0	22.69	22.70	22.63		
3	16QAM	8	4	22.68	22.79	22.78	23.7	2
3	16QAM	8	7	22.56	22.70	22.57		
3	16QAM	15	0	22.76	22.79	22.71		
3	64QAM	1	0	22.77	22.82	22.65		
3	64QAM	1	8	22.78	22.89	22.73	23.7	2
3	64QAM	1	14	22.82	22.94	22.83		
3	64QAM	8	0	21.76	21.85	21.82		
3	64QAM	8	4	21.64	21.76	21.65	22.7	3
3	64QAM	8	7	21.67	21.68	21.62		
3	64QAM	15	0	21.78	21.79	21.68		
3	256QAM	1	0	19.84	19.88	19.77		
3	256QAM	1	8	19.80	19.81	19.67	20.7	5
3	256QAM	1	14	19.65	19.67	19.63		
3	256QAM	8	0	19.74	19.79	19.71		
3	256QAM	8	4	19.63	19.64	19.58	20.7	5
3	256QAM	8	7	19.53	19.64	19.57		
3	256QAM	15	0	19.60	19.76	19.67		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	24.72	24.76	24.75		
1.4	QPSK	1	3	24.59	24.78	24.64		
1.4	QPSK	1	5	24.54	24.65	24.59	25.7	0
1.4	QPSK	3	0	24.56	24.66	24.64		
1.4	QPSK	3	1	24.54	24.63	24.47		
1.4	QPSK	3	3	24.52	24.59	24.60		
1.4	QPSK	6	0	23.57	23.62	23.56	24.7	1
1.4	16QAM	1	0	23.91	23.92	23.87		
1.4	16QAM	1	3	23.83	23.93	23.77		
1.4	16QAM	1	5	23.81	23.89	23.74	24.7	1
1.4	16QAM	3	0	23.63	23.70	23.72		
1.4	16QAM	3	1	23.67	23.84	23.74		
1.4	16QAM	3	3	23.59	23.64	23.66		
1.4	16QAM	6	0	22.75	22.81	22.75	23.7	2
1.4	64QAM	1	0	22.75	22.80	22.65		
1.4	64QAM	1	3	22.79	22.83	22.75		
1.4	64QAM	1	5	22.82	22.97	22.84	23.7	2
1.4	64QAM	3	0	22.79	22.91	22.75		
1.4	64QAM	3	1	22.61	22.77	22.60		
1.4	64QAM	3	3	22.61	22.69	22.62		
1.4	64QAM	6	0	21.80	21.80	21.75	22.7	3
1.4	256QAM	1	0	19.78	19.89	19.84		
1.4	256QAM	1	3	19.74	19.86	19.72		
1.4	256QAM	1	5	19.65	19.77	19.96	20.7	5
1.4	256QAM	3	0	19.76	19.76	19.68		
1.4	256QAM	3	1	19.61	19.66	19.55		
1.4	256QAM	3	3	19.53	19.70	19.58		
1.4	256QAM	6	0	19.56	19.73	19.62	20.7	5

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	24.63	24.78	24.72	25.7	0
10	QPSK	1	25	24.60	24.77	24.66		
10	QPSK	1	49	24.57	24.67	24.62		
10	QPSK	25	0	23.73	23.82	23.75		
10	QPSK	25	12	23.72	23.81	23.68	24.7	1
10	QPSK	25	25	23.72	23.77	23.74		
10	QPSK	50	0	23.69	23.79	23.73		
10	16QAM	1	0	23.76	23.84	23.80		
10	16QAM	1	25	23.65	23.77	23.74	24.7	1
10	16QAM	1	49

Band 7 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				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	24.37	24.52	24.48	25.5	0
20	QPSK	1	49	24.30	24.40	24.36		
20	QPSK	1	99	24.21	24.36	24.23		
20	QPSK	50	0	23.28	23.42	23.35		
20	QPSK	50	24	23.29	23.33	23.25	24.5	1
20	QPSK	50	50	23.31	23.37	23.23		
20	QPSK	100	0	23.32	23.41	23.30		
20	16QAM	1	0	23.58	23.66	23.58		
20	16QAM	1	49	23.37	23.51	23.41	24.5	1
20	16QAM	1	99	23.44	23.55	23.49		
20	16QAM	50	0	22.14	22.28	22.23		
20	16QAM	50	24	22.12	22.25	22.20	23.5	2
20	16QAM	50	50	22.19	22.33	22.28		
20	16QAM	100	0	22.16	22.27	22.17		
20	64QAM	1	0	22.25	22.28	22.24		
20	64QAM	1	49	22.28	22.32	22.26	23.5	2
20	64QAM	1	99	22.18	22.23	22.19		
20	64QAM	50	0	21.11	21.22	21.17		
20	64QAM	50	24	21.23	21.34	21.26	22.5	3
20	64QAM	50	50	21.10	21.24	21.12		
20	64QAM	100	0	21.28	21.32	21.25		
20	256QAM	1	0	19.41	19.45	19.30		
20	256QAM	1	49	19.33	19.41	19.36	20.5	5
20	256QAM	1	99	19.26	19.38	19.32		
20	256QAM	50	0	19.25	19.38	19.25		
20	256QAM	50	24	19.23	19.29	19.24	20.5	5
20	256QAM	50	50	19.26	19.30	19.18		
20	256QAM	100	0	19.27	19.32	19.23		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	24.31	24.48	24.42	25.5	0
15	QPSK	1	37	24.25	24.29	24.26		
15	QPSK	1	74	24.15	24.27	24.11		
15	QPSK	36	0	23.17	23.33	23.30		
15	QPSK	36	20	23.20	23.28	23.14	24.5	1
15	QPSK	36	39	23.17	23.32	23.16		
15	QPSK	75	0	23.19	23.28	23.25		
15	16QAM	1	0	23.47	23.55	23.50		
15	16QAM	1	37	23.24	23.41	23.35	24.5	1
15	16QAM	1	74	23.32	23.52	23.35		
15	16QAM	36	0	22.06	22.18	22.10		
15	16QAM	36	20	22.04	22.20	22.11	23.5	2
15	16QAM	36	39	22.10	22.18	22.14		
15	16QAM	75	0	22.03	22.17	22.13		
15	64QAM	1	0	22.22	22.19	22.15		
15	64QAM	1	37	22.15	22.26	22.17	23.5	2
15	64QAM	1	74	22.09	22.10	22.08		
15	64QAM	36	0	20.96	21.16	21.09		
15	64QAM	36	20	21.08	21.28	21.15	22.5	3
15	64QAM	36	39	20.99	21.12	21.07		
15	64QAM	75	0	21.15	21.29	21.12		
15	256QAM	1	0	19.27	19.37	19.23		
15	256QAM	1	37	19.22	19.31	19.25	20.5	5
15	256QAM	1	74	19.11	19.30	19.19		
15	256QAM	36	0	19.20	19.30	19.16		
15	256QAM	36	20	19.12	19.25	19.10	20.5	5
15	256QAM	36	39	19.12	19.17	19.03		
15	256QAM	75	0	19.12	19.21	19.10		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	24.25	24.41	24.38	25.5	0
10	QPSK	1	25	24.16	24.36	24.27		
10	QPSK	1	49	24.11	24.27	24.13		
10	QPSK	25	0	23.21	23.35	23.26		
10	QPSK	25	12	23.15	23.21	23.13	24.5	1
10	QPSK	25	25	23.19	23.33	23.16		
10	QPSK	50	0	23.22	23.36	23.16		
10	16QAM	1	0	23.50	23.60	23.49		
10	16QAM	1	25	23.33	23.38	23.27	24.5	1
10	16QAM	1	49	23.32	23.42	23.34		
10	16QAM	25	0	22.04	22.15	22.10		
10	16QAM	25	12	22.05	22.19	22.09	23.5	2
10	16QAM	25	25	22.16	22.23	22.20		
10	16QAM	50	0	22.07	22.15	22.06		
10	64QAM	1	0	22.20	22.17	22.17		
10	64QAM	1	25	22.24	22.27	22.20	23.5	2
10	64QAM	1	49	22.15	22.11	22.08		
10	64QAM	25	0	20.99	21.13	21.02		
10	64QAM	25	12	21.11	21.27	21.19	22.5	3
10	64QAM	25	25	20.97	21.18	20.97		
10	64QAM	50	0	21.17	21.17	21.17		
10	256QAM	1	0	19.38	19.41	19.16		
10	256QAM	1	25	19.21	19.27	19.26	20.5	5
10	256QAM	1	49	19.21	19.33	19.25		
10	256QAM	25	0	19.14	19.27	19.17		
10	256QAM	25	12	19.12	19.23	19.14	20.5	5
10	256QAM	25	25	19.20	19.17	19.09		
10	256QAM	50	0	19.21	19.27	19.11		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	24.24	24.42	24.34	25.5	0
5	QPSK	1	12	24.20	24.34	24.23		
5	QPSK	1	24	24.15	24.24	24.19		
5	QPSK	12	0	23.14	23.32	23.24		
5	QPSK	12	7	23.25	23.26	23.19	24.5	1
5	QPSK	12	13	23.17	23.31	23.15		
5	QPSK	25	0	23.19	23.29	23.26		
5	16QAM	1	0	23.52	23.61	23.54		
5	16QAM	1	12	23.32	23.45	23.31	24.5	1
5	16QAM	1	24	23.40	23.49	23.39		
5	16QAM	12	0	22.05	22.16	22.10		
5	16QAM	12	7	22.08	22.14	22.14	23.5	2
5	16QAM	12	13	22.05	22.18	22.24		
5	16QAM	25	0	22.06	22.12	22.08		
5	64QAM	1	0	22.12	22.17	22.17		
5	64QAM	1	12	22.21	22.26	22.12	23.5	2
5	64QAM	1	24	22.04	22.18	22.05		
5	64QAM	12	0	21.07	21.16	21.06		
5	64QAM	12	7	21.10	21.27	21.13	22.5	3
5	64QAM	12	13	20.95	21.17	21.04		
5	64QAM	25	0	21.23	21.28	21.12		
5	256QAM	1	0	19.36	19.32	19.22		
5	256QAM	1	12	19.20	19.29	19.31	20.5	5
5	256QAM	1	24	19.16	19.29	19.22		
5	256QAM	12	0	19.15	19.35	19.12		
5	256QAM	12	7	19.11	19.23	19.17	20.5	5
5	256QAM	12	13	19.16	19.16	19.08		
5	256QAM	25	0	19.15	19.18	19.12		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	24.84	24.91	24.79	25.7	0
20	QPSK	1	49	24.67	24.80	24.76		
20	QPSK	1	99	24.77	24.87	24.78		
20	QPSK	50	0	23.89	23.95	23.89		
20	QPSK	50	24	23.78	23.90	23.87	24.7	1
20	QPSK	50	50	23.68	23.79	23.72		
20	QPSK	100	0	23.81	23.90	23.76		
20	16QAM	1	0	24.09	24.15	24.07		
20	16QAM	1	49	23.95	24.07	24.01	24.7	1
20	16QAM	1	99	23.91	24.01	23.93		
20	16QAM	50	0	22.68	22.77	22.71		
20	16QAM	50	24	22.82	22.88	22.84	23.7	2
20	16QAM	50	50	22.82	22.96	22.87		
20	16QAM	100	0	22.99	23.04	22.89		
20	64QAM	1	0	22.82	22.89	22.80		
20	64QAM	1	49	22.82	22.86	22.76	23.7	2
20	64QAM	1	99	22.68	22.81	22.70		
20	64QAM	50	0	21.79	21.88	21.82		
20	64QAM	50	24	21.86	21.95	21.91	22.7	3
20	64QAM	50	50	21.70	21.81	21.75		
20	64QAM	100	0	21.80	21.86	21.79		
20	256QAM	1	0	19.83	19.95	19.81		
20	256QAM	1	49	19.77	19.88	19.85	20.7	5
20	256QAM	1	99	19.82	19.88	19.79		
20	256QAM	50	0	19.79	19.83	19.75		
20	256QAM	50	24	19.59	19.71	19.57	20.7	5
20	256QAM	50	50	19.66	19.75	19.71		
20	256QAM	100	0	19.67	19.78	19.66		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	24.70	24.82	24.69	25.7	0
15	QPSK	1	37	24.53	24.73	24.69		
15	QPSK	1	74	24.74	24.76	24.65		
15	QPSK	36	0	23.81	23.85	23.81		
15	QPSK	36	20	23.72	23.79	23.78	24.7	1
15	QPSK	36	39	23.59	23.76	23.68		
15	QPSK	75	0	23.73	23.76	23.71		
15	16QAM	1	0	23.98	24.06	24.00		
15	16QAM	1	37	23.80	24.01	23.90	24.7	1
15	16QAM	1	74	23.86	23.91	23.88		
15	16QAM	36	0	22.59	22.68	22.58		
15	16QAM	36	20	22.69	22.73	22.69	23.7	2
15	16QAM	36	39	22.71	22.92	22.80		
15	16QAM	75	0	22.86	22.90	22.85		
15	64QAM	1	0	22.70	22.76	22.73		
15	64QAM	1	37	22.67	22.72	22.63	23.7	2
15	64QAM	1	74	22.64	22.71	22.58		
15	64QAM	36	0	21.68	21.75	21.72		
15	64QAM	36	20	21.76	21.81	21.83	22.7	3
15	64QAM	36	39	21.62	21.68	21.65		
15	64QAM	75	0	21.74	21.71	21.73		
15	256QAM	1	0	19.71	19.81	19.77		
15	256QAM	1	37	19.62	19.78	19.79	20.7	5
15	256QAM	1	74	19.69	19.82	19.76		
15	256QAM	36	0	19.76	19.70	19.60		
15	256QAM	36	20	19.55	19.61	19.50	20.7	5
15	256QAM	36	39	19.62	19.70	19.59		
15	256QAM	75	0	19.54	19.66	19.54		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	24.76	24.77	24.76	25.7	0
10	QPSK	1	25	24.53	24.73	24.64		
10	QPSK	1	49	24.65	24.75	24.71		
10	QPSK	25	0	23.76	23.83	23.75		
10	QPSK	25	12	23.66	23.87	23.79	24.7	1
10	QPSK	25	25	23.58	23.74	23.67		
10	QPSK	50	0	23.72	23.77	23.68		
10	16QAM	1	0	23.97	24.07	24.00		
10	16QAM	1	25	23.90	23.98	23.95	24.7	1
10	16QAM	1	49	23.79	23.87	23.84		
10	16QAM	25	0	22.64	22.64	22.62		
10	16QAM	25	12	22.67	22.78	22.74	23.7	2
10	16QAM	25	25	22.72	22.90	22.83		
10	16QAM	50	0	22.94	22.90	22.85		
10	64QAM	1	0	22.71	22.79	22.73		
10	64QAM	1	25	22.79	22.83	22.65	23.7	2
10	64QAM	1	49	22.62	22.72	22.65		
10	64QAM	25	0	21.70	21.85	21.72		
10	64QAM	25	12	21.77	21.90	21.84	22.7	3
10	64QAM	25	25	21.58	21.73	21.66		
10	64QAM	50	0	21.69	21.76	21.66		
10	256QAM	1	0	19.78	19.83	19.73		
10	256QAM	1	25	19.65	19.79	19.71	20.7	5
10	256QAM	1	49	19.75	19.75	19.70		
10	256QAM	25	0	19.73	19.76	19.67		
10	256QAM	25	12	19.52	19.69	19.52	20.7	5
10	256QAM	25	25	19.59	19.72	19.66		
10	256QAM	50	0	19.59	19.69	19.63		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	24.70	24.86	24.67	25.7	0
5	QPSK	1	12	24.64	24.72	24.62		
5	QPSK	1	24	24.67	24.77	24.69		
5	QPSK	12	0	23.86	23.88	23.85		
5	QPSK	12	7	23.69	23.80	23.75	24.7	1
5	QPSK	12	13	23.64	23.70	23.58		
5	QPSK	25	0	23.77	23.78	23.68		
5	16QAM	1	0	24.03	24.03	23.99		
5	16QAM	1	12	23.81	23.93	23.88	24.7	1
5	16QAM	1	24	23.88	23.88	23.89		
5	16QAM	12	0	22.60	22.65	22.67		
5	16QAM	12	7	22.74	22.83	22.73	23.7	2
5	16QAM	12	13	22.77	22.83	22.81		
5	16QAM	25	0	22.87	22.90	22.78		
5	64QAM	1	0	22.77	22.84	22.69		
5	64QAM	1	12	22.77	22.74	22.62	23.7	2
5	64QAM	1	24	22.63	22.71	22.58		
5	64QAM	12	0	21.73	21.79	21.73		
5	64QAM	12	7	21.77	21.88	21.83	22.7	3
5	64QAM	12	13	21.61	21.68	21.63		
5	64QAM	25	0	21.67	21.73	21.73		
5	256QAM	1	0	19.74	19.87	19.76		
5	256QAM	1	12	19.68	19.76	19.72	20.7	5
5	256QAM	1	24	19.69	19.74	19.75		
5	256QAM	12	0	19.71	19.68	19.64		
5	256QAM	12	7	19.44	19.58	19.53	20.7	5
5	256QAM	12	13	19.60	19.62	19.63		
5	256QAM	25	0	19.59	19.72	19.54		
Channel				131942	132322	132687	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	24.79	24.85	24.65	25.7	0
3	QPSK	1	8	24.52	24.77	24.62		
3	QPSK	1	14	24.63	24.76	24.68		
3	QPSK	8	0	23.92	23.85	23.85		
3	QPSK	8	4	23.66	23.83	23.73	24.7	1
3	QPSK	8	7	23.59	23.69	23.58		
3	QPSK	15	0	23.71	23.79	23.71		
3	16QAM	1	0	24.01	24.04	24.02		
3	16QAM	1	8	23.82	24.01	23.87	24.7	1
3	16QAM	1	14	23.83	23.94	23.85		
3	16QAM	8	0	22.59	22.63	22.57		
3	16QAM	8	4	22.74	22.80	22.71	23.7	2
3	16QAM	8	7	22.73	22.85	22.76		
3	16QAM	15	0	22.88	22.99	22.76		
3	64QAM	1	0	22.77	22.80	22.68		
3	64QAM	1	8	22.68	22.73	22.72	23.7	2
3	64QAM	1	14	22.54	22.71	22.61		
3	64QAM	8	0	21.73	21.77	21.79		
3	64QAM	8	4	21.76	21.84	21.77	22.7	3
3	64QAM	8	7	21.64	21.75	21.63		
3	64QAM	15	0	21.70	21.81	21.65		
3	256QAM	1	0	19.77	19.90	19.70		
3	256QAM	1	8	19.63	19.85	19.81	20.7	5
3	256QAM	1	14	19.72	19.73	19.72		
3	256QAM	8	0	19.68	19.77	19.67		
3	256QAM	8	4	19.45	19.60	19.45	20.7	5
3	256QAM	8	7	19.62	19.65	19.62		
3	256QAM	15	0	19.61	19.73	19.54		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	24.76	24.77	24.71	25.7	0
1.4	QPSK	1	3	24.59	24.74	24.68		
1.4	QPSK	1	5	24.68	24.76	24.68		
1.4	QPSK	3	0	24.81	24.88	24.76		
1.4	QPSK	3	1	24.64	24.87	24.74		
1.4	QPSK	3	3	24.57	24.66	24.61		
1.4	QPSK	6	0	23.74	23.82	23.62	24.7	1
1.4	16QAM	1	0	24.04	24.10	24.00	24.7	1
1.4	16QAM	1	3	23.89	24.01	23.96		
1.4	16QAM	1	5	23.80	23.92	23.85		
1.4	16QAM	3	0	23.64	23.69	23.58		
1.4	16QAM	3	1	23.73	23.78	23.81		
1.4	16QAM	3	3	23.75	23.92	23.75		
1.4	16QAM	6	0	22.85	22.94	22.82	23.7	2
1.4	64QAM	1	0	22.73	22.85	22.72	23.7	2
1.4	64QAM	1	3	22.74	22.81	22.67		
1.4	64QAM	1	5	22.56	22.77	22.58		
1.4	64QAM	3	0	22.72	22.82	22.72		
1.4	64QAM	3	1	22.73	22.90	22.77		
1.4	64QAM	3	3	22.66	22.69	22.68		
1.4	64QAM	6	0	21.76	21.72	21.72	22.7	3
1.4	256QAM	1	0	19.72	19.84	19.71	20.7	5
1.4	256QAM	1	3	19.72	19.82	19.82		
1.4	256QAM	1	5	19.70	19.80	19.72		
1.4	256QAM	3	0	19.65	19.79	19.70		
1.4	256QAM	3	1	19.51	19.57	19.51		
1.4	256QAM	3	3	19.55	19.62	19.63		
1.4	256QAM	6	0	19.60	19.68	19.57	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				37850	38000	38150		
Frequency (MHz)				2580	2596	2610		
20	QPSK	1	0	24.25	24.34	24.22	25	0
20	QPSK	1	49	24.19	24.23	24.18		
20	QPSK	1	99	24.15	24.19	24.14		
20	QPSK	50	0	23.21	23.24	23.13	24	1
20	QPSK	50	24	23.12	23.20	23.07		
20	QPSK	50	50	23.12	23.21	23.08		
20	QPSK	100	0	23.04	23.18	23.10		
20	16QAM	1	0	23.14	23.24	23.20	24	1
20	16QAM	1	49	23.12	23.17	23.08		
20	16QAM	1	99	23.11	23.19	23.11		
20	16QAM	50	0	22.11	22.21	22.07	23	2
20	16QAM	50	24	22.03	22.13	22.04		
20	16QAM	50	50	22.13	22.16	22.10		
20	16QAM	100	0	22.08	22.17	22.08		
20	64QAM	1	0	22.08	22.18	22.04	23	2
20	64QAM	1	49	22.07	22.14	22.10		
20	64QAM	1	99	22.05	22.10	21.99		
20	64QAM	50	0	21.16	21.22	21.11	22	3
20	64QAM	50	24	21.09	21.19	21.12		
20	64QAM	50	50	21.03	21.13	21.06		
20	64QAM	100	0	21.11	21.20	21.13		
20	256QAM	1	0	19.27	19.34	19.26	20	5
20	256QAM	1	49	19.20	19.26	19.15		
20	256QAM	1	99	19.12	19.20	19.06		
20	256QAM	50	0	19.26	19.30	19.16	20	5
20	256QAM	50	24	19.05	19.16	19.02		
20	256QAM	50	50	19.15	19.23	19.11		
20	256QAM	100	0	19.16	19.24	19.12		
Channel				37825	38000	38175	Tune-up limit	MPR
Frequency (MHz)				2577.5	2595	2612.5	(dBm)	(dB)
15	QPSK	1	0	24.19	24.24	24.13	25	0
15	QPSK	1	37	24.12	24.17	24.09		
15	QPSK	1	74	24.06	24.13	24.02		
15	QPSK	36	0	23.14	23.20	23.03	24	1
15	QPSK	36	20	23.05	23.16	22.97		
15	QPSK	36	39	22.98	23.08	23.01		
15	QPSK	75	0	22.91	23.09	22.96		
15	16QAM	1	0	23.10	23.10	23.15	24	1
15	16QAM	1	37	23.01	23.11	22.96		
15	16QAM	1	74	23.02	23.14	23.05		
15	16QAM	36	0	22.01	22.10	22.03	23	2
15	16QAM	36	20	21.92	22.06	21.96		
15	16QAM	36	39	22.02	22.05	22.00		
15	16QAM	75	0	21.96	22.03	21.95		
15	64QAM	1	0	21.97	22.11	21.97	23	2
15	64QAM	1	37	21.97	21.99	22.06		
15	64QAM	1	74	21.97	22.01	21.84		
15	64QAM	36	0	21.08	21.12	21.05	22	3
15	64QAM	36	20	20.97	21.08	21.08		
15	64QAM	36	39	20.89	21.03	20.99		
15	64QAM	75	0	21.01	21.14	21.09		
15	256QAM	1	0	19.20	19.21	19.21	20	5
15	256QAM	1	37	19.13	19.13	19.01		
15	256QAM	1	74	19.05	19.07	19.01		
15	256QAM	36	0	19.14	19.18	19.12	20	5
15	256QAM	36	20	19.00	19.07	18.98		
15	256QAM	36	39	19.08	19.12	18.98		
15	256QAM	75	0	19.12	19.20	18.98		
Channel				37800	38000	38200	Tune-up limit	MPR
Frequency (MHz)				2575	2595	2615	(dBm)	(dB)
10	QPSK	1	0	24.19	24.27	24.18	25	0
10	QPSK	1	25	24.10	24.10	24.13		
10	QPSK	1	49	24.03	24.09	24.08		
10	QPSK	25	0	23.13	23.11	23.01	24	1
10	QPSK	25	12	22.97	23.09	23.00		
10	QPSK	25	25	23.05	23.09	22.99		
10	QPSK	50	0	22.89	23.08	23.02		
10	16QAM	1	0	23.10	23.20	23.16	24	1
10	16QAM	1	25	23.06	23.08	22.99		
10	16QAM	1	49	23.07	23.12	23.02		
10	16QAM	25	0	22.05	22.12	22.02	23	2
10	16QAM	25	12	21.95	22.08	21.99		
10	16QAM	25	25	22.06	22.09	22.03		
10	16QAM	50	0	22.00	22.12	21.94		
10	64QAM	1	0	21.96	22.11	21.95	23	2
10	64QAM	1	25	21.95	22.06	22.01		
10	64QAM	1	49	21.97	21.99	21.88		
10	64QAM	25	0	21.10	21.15	21.08	22	3
10	64QAM	25	12	21.00	21.07	20.97		
10	64QAM	25	25	20.99	21.00	20.93		
10	64QAM	50	0	20.99	21.07	21.00		
10	256QAM	1	0	19.13	19.28	19.13	20	5
10	256QAM	1	25	19.10	19.18	19.04		
10	256QAM	1	49	19.01	19.08	18.94		
10	256QAM	25	0	19.18	19.15	19.06	20	5
10	256QAM	25	12	19.00	19.08	18.91		
10	256QAM	25	25	19.01	19.11	19.04		
10	256QAM	50	0	19.09	19.12	19.01		
Channel				37775	38000	38225	Tune-up limit	MPR
Frequency (MHz)				2572.5	2595	2617.5	(dBm)	(dB)
5	QPSK	1	0	24.13	24.30	24.11	25	0
5	QPSK	1	12	24.12	24.09	24.08		
5	QPSK	1	24	24.09	24.12	24.04		
5	QPSK	12	0	23.16	23.12	23.06	24	1
5	QPSK	12	7	23.05	23.06	23.01		
5	QPSK	12	13	22.99	23.12	23.00		
5	QPSK	25	0	22.93	23.11	23.03		
5	16QAM	1	0	23.02	23.18	23.12	24	1
5	16QAM	1	12	22.98	23.10	22.98		
5	16QAM	1	24	22.96	23.10	23.03		
5	16QAM	12	0	22.07	22.16	21.97	23	2
5	16QAM	12	7	21.97	22.02	21.96		
5	16QAM	12	13	22.08	22.05	22.02		
5	16QAM	25	0	21.94	22.04	22.03		
5	64QAM	1	0	22.03	22.14	21.91	23	2
5	64QAM	1	12	21.93	22.01	21.98		
5	64QAM	1	24	22.02	22.02	21.90		
5	64QAM	12	0	21.10	21.14	21.04	22	3
5	64QAM	12	7	20.99	21.02	21.03		
5	64QAM	12	13	20.93	21.05	20.91		
5	64QAM	25	0	21.07	21.09	20.98		
5	256QAM	1	0	19.17	19.26	19.15	20	5
5	256QAM	1	12	19.10	19.17	19.03		
5	256QAM	1	24	19.08	19.14	18.93		
5	256QAM	12	0	19.19	19.18	19.06	20	5
5	256QAM	12	7	18.93	19.07	18.92		
5	256QAM	12	13	19.06	19.16	18.99		
5	256QAM	25	0	19.09	19.13	19.00		

Band 41 Ant1 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	2548.5	2593	2636.5	2680		
20	QPSK	1	0	24.37	24.23	24.42	24.20	24.28	25.2	0
20	QPSK	1	49	24.24	24.16	24.29	24.17	24.22		
20	QPSK	1	99	24.13	24.11	24.23	24.11	24.17		
20	QPSK	50	0	23.26	23.35	23.41	23.28	23.29	24.2	1
20	QPSK	50	24	23.29	23.25	23.35	23.16	23.32		
20	QPSK	50	50	23.19	23.20	23.30	23.19	23.18		
20	QPSK	100	0	23.26	23.26	23.33	23.17	23.24		
20	16QAM	1	0	23.38	23.44	23.50	23.34	23.42	24.2	1
20	16QAM	1	49	23.33	23.29	23.42	23.27	23.32		
20	16QAM	1	99	23.35	23.28	23.38	23.25	23.31		
20	16QAM	50	0	22.27	22.24	22.37	22.20	22.25	23.2	2
20	16QAM	50	24	22.10	22.14	22.24	22.10	22.08		
20	16QAM	50	50	22.18	22.25	22.30	22.18	22.25		
20	16QAM	100	0	22.31	22.26	22.34	22.24	22.26		
20	64QAM	1	0	22.40	22.34	22.47	22.34	22.43	23.2	2
20	64QAM	1	49	22.34	22.37	22.43	22.26	22.37		
20	64QAM	1	99	22.23	22.28	22.36	22.24	22.29		
20	64QAM	50	0	21.27	21.26	21.36	21.27	21.23	22.2	3
20	64QAM	50	24	21.24	21.23	21.29	21.19	21.14		
20	64QAM	50	50	21.22	21.17	21.26	21.15	21.17		
20	64QAM	100	0	21.28	21.24	21.32	21.14	21.26		
20	256QAM	1	0	19.31	19.34	19.41	19.28	19.35	20.2	5
20	256QAM	1	49	19.24	19.15	19.29	19.24	19.16		
20	256QAM	1	99	19.27	19.24	19.37	19.28	19.25		
20	256QAM	50	0	19.32	19.23	19.36	19.23	19.22	20.2	5
20	256QAM	50	24	19.16	19.21	19.29	19.26	19.14		
20	256QAM	50	50	19.18	19.30	19.33	19.24	19.24		
20	256QAM	100	0	19.25	19.24	19.30	19.23	19.23		
Channel				39725	40173	40620	41068	41515	Tune-up limit	MPR
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	(dBm)	(dB)
15	QPSK	1	0	24.31	24.16	24.33	24.12	24.14	25	0
15	QPSK	1	37	24.19	24.11	24.26	24.06	24.07		
15	QPSK	1	74	23.99	23.99	24.11	24.07	24.06		
15	QPSK	36	0	23.16	23.27	23.36	23.24	23.18	24.2	1
15	QPSK	36	20	23.26	23.14	23.22	23.12	23.23		
15	QPSK	36	39	23.08	23.08	23.23	23.16	23.11		
15	QPSK	75	0	23.16	23.12	23.28	23.02	23.20		
15	16QAM	1	0	23.32	23.34	23.43	23.28	23.38	24.2	1
15	16QAM	1	37	23.29	23.21	23.29	23.19	23.28		
15	16QAM	1	74	23.29	23.20	23.33	23.18	23.17		
15	16QAM	36	0	22.15	22.10	22.24	22.11	22.14	23.2	2
15	16QAM	36	20	22.00	22.05	22.20	22.02	22.03		
15	16QAM	36	39	22.13	22.15	22.16	22.04	22.19		
15	16QAM	75	0	22.23	22.11	22.26	22.19	22.16		
15	64QAM	1	0	22.34	22.22	22.33	22.25	22.29	23.2	2
15	64QAM	1	37	22.20	22.34	22.33	22.15	22.28		
15	64QAM	1	74	22.14	22.22	22.29	22.15	22.20		
15	64QAM	36	0	21.17	21.13	21.33	21.19	21.09	22.2	3
15	64QAM	36	20	21.14	21.13	21.19	21.13	21.06		
15	64QAM	36	39	21.14	21.03	21.15	21.05	21.08		
15	64QAM	75	0	21.24	21.14	21.20	21.05	21.11		
15	256QAM	1	0	19.27	19.28	19.34	19.19	19.25	20.2	5
15	256QAM	1	37	19.18	19.07	19.20	19.10	19.07		
15	256QAM	1	74	19.20	19.12	19.28	19.16	19.14		
15	256QAM	36	0	19.27	19.16	19.23	19.19	19.18	20.2	5
15	256QAM	36	20	19.07	19.12	19.19	19.18	19.02		
15	256QAM	36	39	19.14	19.26	19.19	19.14	19.11		
15	256QAM	75	0	19.15	19.18	19.16	19.13	19.13		
Channel				39700	40160	40620	41080	41540	Tune-up limit	MPR
Frequency (MHz)				2501	2547	2593	2639	2685	(dBm)	(dB)
10	QPSK	1	0	24.22	24.17	24.34	24.17	24.21	25.20	0
10	QPSK	1	25	24.17	24.12	24.22	24.04	24.10		
10	QPSK	1	49	24.01	24.03	24.20	23.96	24.13		
10	QPSK	25	0	23.11	23.23	23.30	23.22	23.14	24.2	1
10	QPSK	25	12	23.19	23.18	23.25	23.06	23.27		
10	QPSK	25	25	23.13	23.07	23.25	23.12	23.07		
10	QPSK	50	0	23.14	23.21	23.18	23.03	23.11		
10	16QAM	1	0	23.33	23.38	23.40	23.29	23.38	24.2	1
10	16QAM	1	25	23.21	23.17	23.34	23.14	23.26		
10	16QAM	1	49	23.31	23.21	23.33	23.10	23.22		
10	16QAM	25	0	22.16	22.19	22.32	22.17	22.11	23.2	2
10	16QAM	25	12	22.05	22.01	22.12	22.07	22.04		
10	16QAM	25	25	22.06	22.16	22.26	22.08	22.16		
10	16QAM	50	0	22.20	22.15	22.22	22.09	22.20		
10	64QAM	1	0	22.31	22.25	22.37	22.21	22.28	23.2	2
10	64QAM	1	25	22.28	22.23	22.40	22.13	22.22		
10	64QAM	1	49	22.13	22.25	22.28	22.19	22.25		
10	64QAM	25	0	21.21	21.16	21.28	21.18	21.15	22.2	3
10	64QAM	25	12	21.11	21.12	21.20	21.12	21.03		
10	64QAM	25	25	21.10	21.09	21.12	21.03	21.04		
10	64QAM	50	0	21.16	21.18	21.26	21.11	21.14		
10	256QAM	1	0	19.18	19.25	19.33	19.19	19.25	20.2	5
10	256QAM	1	25	19.14	19.11	19.25	19.17	19.02		
10	256QAM	1	49	19.20	19.17	19.29	19.23	19.18		
10	256QAM	25	0	19.26	19.14	19.23	19.16	19.15	20.2	5
10	256QAM	25	12	19.10	19.10	19.14	19.16	19.06		
10	256QAM	25	25	19.14	19.16	19.27	19.19	19.14		
10	256QAM	50	0	19.15	19.15	19.21	19.15	19.14		
Channel				39675	40148	40620	41093	41565	Tune-up limit	MPR
Frequency (MHz)				2498.5	2546.8	2593	2640.30	2687.5	(dBm)	(dB)
5	QPSK	1	0	24.29	24.16	24.36	24.06	24.15	25.20	0
5	QPSK	1	12	24.17	24.05	24.15	24.11	24.11		
5	QPSK	1	24	24.08	24.00	24.18	23.99	24.03		
5	QPSK	12	0	23.17	23.31	23.29	23.24	23.16	24.2	1
5	QPSK	12	7	23.18	23.15	23.26	23.12	23.28		
5	QPSK	12	13	23.08	23.16	23.26	23.06	23.13		
5	QPSK	25	0	23.23	23.20	23.29	23.02	23.17		
5	16QAM	1	0	23.26	23.35	23.46	23.31	23.31	24.2	1
5	16QAM	1	12	23.27	23.21	23.37	23.19	23.19		
5	16QAM	1	24	23.23	23.23	23.34	23.19	23.18		
5	16QAM	12	0	22.13	22.20	22.32	22.16	22.19	23.2	2
5	16QAM	12	7	22.05	22.08	22.10	22.00	22.04		
5	16QAM	12	13	22.07	22.14	22.19	22.13	22.16		
5	16QAM	25	0	22.21	22.19	22.24	22.10	22.13		
5	64QAM	1	0	22.31	22.28	22.33	22.19	22.38	23.2	2
5	64QAM	1	12	22.29	22.32	22.31	22.21	22.31		
5	64QAM	1	24	22.15	22.19	22.33	22.11	22.20		
5	64QAM	12	0	21.12	21.16	21.33	21.13	21.09	22.2	3
5	64QAM	12	7	21.20	21.19	21.16	21.12	21.05		
5	64QAM	12	13	21.07	21.11	21.19	21.06	21.12		
5	64QAM	25	0	21.17	21.17	21.21	21.04	21.21		
5	256QAM	1	0	19.22	19.27	19.32	19.23	19.26	20.2	5
5	256QAM	1	12	19.21	19.11	19.23	19.21	19.04		
5	256QAM	1	24	19.23	19.11	19.25	19.17	19.20		
5	256QAM	12	0	19.26	19.15	19.25	19.13	19.15	20.2	5
5	256QAM	12	7	19.12	19.12	19.15	19.17	19.08		
5	256QAM	12	13	19.06	19.17	19.23	19.19	19.13		
5	256QAM	25	0	19.18	19.11	19.19	19.09	19.15		

GSM1900 Ant2 Default

GSM1900	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	30.33	30.39	30.29	31.00	21.33	21.39	21.29	22.00
GPRS 1 Tx slot	30.27	30.35	30.25	31.00	21.27	21.35	21.25	22.00
GPRS 2 Tx slots	26.90	27.02	26.86	28.00	20.90	21.02	20.86	22.00
GPRS 3 Tx slots	25.60	25.69	25.51	26.20	21.34	21.43	21.25	21.94
GPRS 4 Tx slots	24.48	24.58	24.32	25.00	21.48	21.58	21.32	22.00
EDGE 1 Tx slot	25.58	25.77	25.63	26.50	16.58	16.77	16.63	17.50
EDGE 2 Tx slots	22.38	22.47	22.33	23.50	16.38	16.47	16.33	17.50
EDGE 3 Tx slots	20.53	20.78	20.60	21.70	16.27	16.52	16.34	17.44
EDGE 4 Tx slots	18.56	18.61	18.58	20.50	15.56	15.61	15.58	17.50

WCDMA II Ant2 Default

WCDMA IV Ant2 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	24.34	24.36	24.28	25.00	24.23	24.30	24.17	25.00
3GPP Rel 99	RMC 12.2Kbps	24.40	24.43	24.33	25.00	24.31	24.38	24.28	25.00
3GPP Rel 6	HSDPA Subtest-1	23.35	23.46	23.27	24.00	23.42	23.36	23.19	24.00
3GPP Rel 6	HSDPA Subtest-2	23.64	23.35	23.29	24.00	23.37	23.34	23.34	24.00
3GPP Rel 6	HSDPA Subtest-3	23.03	22.86	22.86	23.50	22.94	22.86	22.65	23.50
3GPP Rel 6	HSDPA Subtest-4	23.03	23.03	22.71	23.50	22.83	22.76	22.89	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	23.47	23.55	23.33	24.00	23.55	23.33	23.17	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	23.35	23.40	23.36	24.00	23.27	23.43	23.11	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	23.10	22.89	22.98	23.50	22.96	22.83	22.61	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	23.06	23.02	22.85	23.50	22.81	22.81	22.73	23.50
3GPP Rel 6	HSUPA Subtest-1	23.48	23.35	23.46	24.00	23.47	23.33	23.25	24.00
3GPP Rel 6	HSUPA Subtest-2	21.63	21.41	21.21	22.00	21.35	21.44	21.26	22.00
3GPP Rel 6	HSUPA Subtest-3	22.51	22.52	22.38	23.00	22.36	22.36	22.39	23.00
3GPP Rel 6	HSUPA Subtest-4	21.49	21.38	21.21	22.00	21.56	21.40	21.27	22.00
3GPP Rel 6	HSUPA Subtest-5	23.47	23.36	23.27	24.00	23.36	23.36	23.33	24.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	21.05	21.03	20.80	21.50	20.93	20.79	20.84	21.50

Band 2 Ant2 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	24.31	24.49	24.40	25.2	0
20	QPSK	1	49	24.26	24.32	24.21		
20	QPSK	1	99	24.22	24.27	24.16		
20	QPSK	50	0	23.28	23.40	23.35		
20	QPSK	50	24	23.27	23.32	23.24	24.2	1
20	QPSK	50	50	23.33	23.38	23.30		
20	QPSK	100	0	23.23	23.37	23.33		
20	16QAM	1	0	23.33	23.42	23.36		
20	16QAM	1	49	23.30	23.37	23.24	24.2	1
20	16QAM	1	99	23.19	23.33	23.29		
20	16QAM	50	0	22.34	22.44	22.40		
20	16QAM	50	24	22.29	22.36	22.22	23.2	2
20	16QAM	50	50	22.28	22.34	22.19		
20	16QAM	100	0	22.32	22.41	22.28		
20	64QAM	1	0	22.28	22.36	22.22		
20	64QAM	1	49	22.16	22.24	22.10	23.2	2
20	64QAM	1	99	22.18	22.30	22.27		
20	64QAM	50	0	21.31	21.39	21.31		
20	64QAM	50	24	21.19	21.33	21.19	22.2	3
20	64QAM	50	50	21.16	21.25	21.11		
20	64QAM	100	0	21.37	21.45	21.34		
20	256QAM	1	0	19.44	19.55	19.50		
20	256QAM	1	49	19.42	19.46	19.35	20.2	5
20	256QAM	1	99	19.39	19.50	19.38		
20	256QAM	50	0	19.33	19.42	19.31		
20	256QAM	50	24	19.23	19.31	19.25	20.2	5
20	256QAM	50	50	19.26	19.32	19.18		
20	256QAM	100	0	19.33	19.46	19.34		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	24.18	24.35	24.33		
15	QPSK	1	37	24.16	24.25	24.07	25.2	0
15	QPSK	1	74	24.19	24.16	24.10		
15	QPSK	36	0	23.15	23.27	23.30		
15	QPSK	36	20	23.24	23.20	23.21	24.2	1
15	QPSK	36	39	23.27	23.26	23.24		
15	QPSK	75	0	23.18	23.28	23.20		
15	16QAM	1	0	23.26	23.35	23.27		
15	16QAM	1	37	23.25	23.27	23.13	24.2	1
15	16QAM	1	74	23.04	23.20	23.23		
15	16QAM	36	0	22.25	22.33	22.33		
15	16QAM	36	20	22.17	22.31	22.07	23.2	2
15	16QAM	36	39	22.15	22.23	22.04		
15	16QAM	75	0	22.27	22.34	22.20		
15	64QAM	1	0	22.22	22.21	22.12		
15	64QAM	1	37	22.08	22.14	22.07	23.2	2
15	64QAM	1	74	22.11	22.25	22.17		
15	64QAM	36	0	21.25	21.26	21.25		
15	64QAM	36	20	21.09	21.22	21.05	22.2	3
15	64QAM	36	39	21.10	21.16	21.04		
15	64QAM	75	0	21.25	21.41	21.28		
15	256QAM	1	0	19.37	19.51	19.45		
15	256QAM	1	37	19.38	19.38	19.31	20.2	5
15	256QAM	1	74	19.25	19.36	19.26		
15	256QAM	36	0	19.28	19.29	19.28		
15	256QAM	36	20	19.08	19.20	19.17	20.2	5
15	256QAM	36	39	19.19	19.23	19.15		
15	256QAM	75	0	19.21	19.39	19.23		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	24.20	24.44	24.33		
10	QPSK	1	25	24.14	24.22	24.11	25.2	0
10	QPSK	1	49	24.11	24.16	24.08		
10	QPSK	25	0	23.21	23.34	23.28		
10	QPSK	25	12	23.24	23.26	23.18	24.2	1
10	QPSK	25	25	23.23	23.25	23.19		
10	QPSK	50	0	23.20	23.25	23.29		
10	16QAM	1	0	23.27	23.32	23.27		
10	16QAM	1	25	23.17	23.22	23.15	24.2	1
10	16QAM	1	49	23.12	23.27	23.22		
10	16QAM	25	0	22.21	22.39	22.26		
10	16QAM	25	12	22.26	22.33	22.14	23.2	2
10	16QAM	25	25	22.19	22.26	22.15		
10	16QAM	50	0	22.19	22.33	22.17		
10	64QAM	1	0	22.17	22.26	22.13		
10	64QAM	1	25	22.08	22.18	21.98	23.2	2
10	64QAM	1	49	22.05	22.26	22.14		
10	64QAM	25	0	21.26	21.33	21.24		
10	64QAM	25	12	21.07	21.28	21.04	22.2	3
10	64QAM	25	25	21.13	21.19	21.08		
10	64QAM	50	0	21.28	21.35	21.24		
10	256QAM	1	0	19.36	19.46	19.36		
10	256QAM	1	25	19.34	19.32	19.28	20.2	5
10	256QAM	1	49	19.33	19.40	19.32		
10	256QAM	25	0	19.21	19.36	19.19		
10	256QAM	25	12	19.14	19.16	19.11	20.2	5
10	256QAM	25	25	19.22	19.24	19.12		
10	256QAM	50	0	19.20	19.41	19.20		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	24.22	24.44	24.27		
5	QPSK	1	12	24.17	24.19	24.07	25.2	0
5	QPSK	1	24	24.10	24.16	24.15		
5	QPSK	12	0	23.19	23.36	23.26		
5	QPSK	12	7	23.21	23.27	23.15	24.2	1
5	QPSK	12	13	23.21	23.35	23.21		
5	QPSK	25	0	23.09	23.30	23.19		
5	16QAM	1	0	23.29	23.38	23.25		
5	16QAM	1	12	23.24	23.25	23.17	24.2	1
5	16QAM	1	24	23.15	23.25	23.15		
5	16QAM	12	0	22.29	22.30	22.32		
5	16QAM	12	7	22.18	22.32	22.10	23.2	2
5	16QAM	12	13	22.25	22.27	22.09		
5	16QAM	25	0	22.18	22.33	22.14		
5	64QAM	1	0	22.22	22.27	22.17		
5	64QAM	1	12	22.08	22.09	21.96	23.2	2
5	64QAM	1	24	22.06	22.18	22.15		
5	64QAM	12	0	21.19	21.27	21.17		
5	64QAM	12	7	21.14	21.28	21.11	22.2	3
5	64QAM	12	13	21.07	21.14	21.02		
5	64QAM	25	0	21.21	21.27	21.22		
5	256QAM	1	0	19.39	19.50	19.36		
5	256QAM	1	12	19.28	19.34	19.32	20.2	5
5	256QAM	1	24	19.33	19.44	19.25		
5	256QAM	12	0	19.22	19.37	19.17		
5	256QAM	12	7	19.09	19.17	19.18	20.2	5
5	256QAM	12	13	19.19	19.28	19.11		
5	256QAM	25	0	19.21	19.38	19.27		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	24.24	24.38	24.30		
3	QPSK	1	8	24.21	24.25	24.13	25.2	0
3	QPSK	1	14	24.11	24.20	24.09		
3	QPSK	8	0	23.19	23.29	23.21		
3	QPSK	8	4	23.17	23.26	23.20	24.2	1
3	QPSK	8	7	23.28	23.30	23.17		
3	QPSK	15	0	23.17	23.30	23.21		
3	16QAM	1	0	23.24	23.39	23.26		
3	16QAM	1	8	23.25	23.29	23.16	24.2	1
3	16QAM	1	14	23.06	23.19	23.14		
3	16QAM	8	0	22.25	22.39	22.33		
3	16QAM	8	4	22.22	22.33	22.13	23.2	2
3	16QAM	8	7	22.24	22.28	22.07		
3	16QAM	15	0	22.20	22.31	22.24		
3	64QAM	1	0	22.15	22.30	22.15		
3	64QAM	1	8	22.06	22.19	22.06	23.2	2
3	64QAM	1	14	22.05	22.16	22.23		
3	64QAM	8	0	21.27	21.24	21.23		
3	64QAM	8	4	21.06	21.23	21.10	22.2	3
3	64QAM	8	7	21.10	21.13	21.03		
3	64QAM	15	0	21.31	21.41	21.22		
3	256QAM	1	0	19.41	19.46	19.38		
3	256QAM	1	8	19.29	19.32	19.22	20.2	5
3	256QAM	1	14	19.25	19.40	19.33		
3	256QAM	8	0	19.21	19.29	19.18		
3	256QAM	8	4	19.17	19.16	19.12	20.2	5
3	256QAM	8	7	19.15	19.27	19.08		
3	256QAM	15	0	19.21	19.37	19.28		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	24.23	24.36	24.36		
1.4	QPSK	1	3	24.18	24.20	24.18		
1.4	QPSK	1	5	24.17	24.14	24.05	25.2	0
1.4	QPSK	3	0	24.17	24.37	24.26		
1.4	QPSK	3	1	24.17	24.28	24.20		
1.4	QPSK	3	3	24.26	24.28	24.23		
1.4	QPSK	6	0	23.16	23.29	23.26	24.2	1
1.4	16QAM	1	0	23.21	23.35	23.23		
1.4	16QAM	1	3	23.19	23.29	23.20		
1.4	16QAM	1	5	23.12	23.27	23.22	24.2	1
1.4	16QAM	3	0	23.20	23.37	23.34		
1.4	16QAM	3	1	23.17	23.27	23.09		
1.4	16QAM	3	3	23.13	23.21	23.06		
1.4	16QAM	6	0	22.18	22.26	22.19	23.2	2
1.4	64QAM	1	0	22.21	22.24	22.08		
1.4	64QAM	1	3	22.01	22.20	22.02		
1.4	64QAM	1	5	22.14	22.22	22.14	23.2	2
1.4	64QAM	3	0	22.19	22.29	22.23		
1.4	64QAM	3	1	22.06	22.27	22.04		
1.4	64QAM	3	3	22.01	22.17	22.02		
1.4	64QAM	6	0	21.31	21.35	21.27	22.2	3
1.4	256QAM	1	0	19.41	19.48	19.42		
1.4	256QAM	1	3	19.35	19.35	19.27		
1.4	256QAM	1	5	19.33	19.37	19.27	20.2	5
1.4	256QAM	3	0	19.28	19.31	19.22		
1.4	256QAM	3	1	19.09	19.24	19.16		
1.4	256QAM	3	3	19.23	19.22	19.04		
1.4	256QAM	6	0	19.21	19.42	19.20	20.2	5

Band 4 Ant2 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	24.87	25.00	24.82	25.7	0
20	QPSK	1	49	24.88	24.97	24.85		
20	QPSK	1	99	24.87	24.98	24.84		
20	QPSK	50	0	23.99	24.03	23.94		
20	QPSK	50	24	23.90	23.94	23.90	24.7	1
20	QPSK	50	50	23.79	23.92	23.87		
20	QPSK	100	0	23.96	24.01	23.90		
20	16QAM	1	0	23.99	24.10	23.98		
20	16QAM	1	49	23.97	24.02	23.87	24.7	1
20	16QAM	1	99	23.85	23.98	23.93		
20	16QAM	50	0	22.91	22.98	22.94		
20	16QAM	50	24	22.73	22.85	22.75	23.7	2
20	16QAM	50	50	22.78	22.92	22.82		
20	16QAM	100	0	22.97	23.03	22.95		
20	64QAM	1	0	22.97	23.06	23.00		
20	64QAM	1	49	22.97	23.02	22.90	23.7	2
20	64QAM	1	99	22.89	22.97	22.88		
20	64QAM	50	0	21.87	22.00	21.97		
20	64QAM	50	24	21.74	21.85	21.81	22.7	3
20	64QAM	50	50	21.87	21.97	21.91		
20	64QAM	100	0	21.97	22.04	21.96		
20	256QAM	1	0	19.77	19.91	19.84		
20	256QAM	1	49	19.78	19.82	19.71	20.7	5
20	256QAM	1	99	19.77	19.82	19.67		
20	256QAM	50	0	19.93	20.04	19.98		
20	256QAM	50	24	19.81	19.90	19.81	20.7	5
20	256QAM	50	50	19.87	19.92	19.87		
20	256QAM	100	0	19.86	20.00	19.96		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	24.80	24.86	24.75		
15	QPSK	1	37	24.80	24.84	24.74	25.7	0
15	QPSK	1	74	24.78	24.86	24.74		
15	QPSK	36	0	23.90	23.98	23.88		
15	QPSK	36	20	23.80	23.81	23.75	24.7	1
15	QPSK	36	39	23.84	23.79	23.76		
15	QPSK	75	0	23.91	23.97	23.84		
15	16QAM	1	0	23.90	23.95	23.85		
15	16QAM	1	37	23.92	23.95	23.76	24.7	1
15	16QAM	1	74	23.82	23.92	23.83		
15	16QAM	36	0	22.86	22.84	22.82		
15	16QAM	36	20	22.66	22.80	22.65	23.7	2
15	16QAM	36	39	22.74	22.80	22.75		
15	16QAM	75	0	22.82	22.95	22.86		
15	64QAM	1	0	22.92	23.02	22.88		
15	64QAM	1	37	22.87	22.98	22.83	23.7	2
15	64QAM	1	74	22.82	22.89	22.74		
15	64QAM	36	0	21.80	21.95	21.89		
15	64QAM	36	20	21.61	21.79	21.72	22.7	3
15	64QAM	36	39	21.76	21.86	21.84		
15	64QAM	75	0	21.85	21.91	21.91		
15	256QAM	1	0	19.63	19.79	19.78		
15	256QAM	1	37	19.71	19.78	19.67	20.7	5
15	256QAM	1	74	19.62	19.75	19.58		
15	256QAM	36	0	19.85	19.96	19.93		
15	256QAM	36	20	19.68	19.79	19.67	20.7	5
15	256QAM	36	39	19.62	19.80	19.75		
15	256QAM	75	0	19.73	19.95	19.84		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	24.81	24.95	24.74		
10	QPSK	1	25	24.73	24.91	24.70	25.7	0
10	QPSK	1	49	24.76	24.92	24.73		
10	QPSK	25	0	23.93	23.99	23.91		
10	QPSK	25	12	23.81	23.88	23.84	24.7	1
10	QPSK	25	25	23.66	23.82	23.81		
10	QPSK	50	0	23.84	23.93	23.94		
10	16QAM	1	0	23.84	24.04	23.95		
10	16QAM	1	25	23.69	23.90	23.77	24.7	1
10	16QAM	1	49	23.80	23.92	23.87		
10	16QAM	25	0	22.87	22.85	22.83		
10	16QAM	25	12	22.68	22.81	22.65	23.7	2
10	16QAM	25	25	22.66	22.82	22.66		
10	16QAM	50	0	22.87	22.92	22.92		
10	64QAM	1	0	22.92	23.01	22.88		
10	64QAM	1	25	22.86	22.88	22.83	23.7	2
10	64QAM	1	49	22.75	22.92	22.77		
10	64QAM	25	0	21.77	21.91	21.91		
10	64QAM	25	12	21.67	21.82	21.76	22.7	3
10	64QAM	25	25	21.73	21.88	21.85		
10	64QAM	50	0	21.91	21.92	21.83		
10	256QAM	1	0	19.73	19.80	19.71		
10	256QAM	1	25	19.66	19.78	19.62	20.7	5
10	256QAM	1	49	19.63	19.74	19.52		
10	256QAM	25	0	19.88	19.91	19.90		
10	256QAM	25	12	19.72	19.83	19.77	20.7	5
10	256QAM	25	25	19.80	19.78	19.76		
10	256QAM	50	0	19.72	19.89	19.87		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	24.83	24.90	24.71		
5	QPSK	1	12	24.83	24.86	24.74	25.7	0
5	QPSK	1	24	24.74	24.87	24.80		
5	QPSK	12	0	23.87	23.95	23.83		
5	QPSK	12	7	23.81	23.85	23.82	24.7	1
5	QPSK	12	13	23.68	23.89	23.76		
5	QPSK	25	0	23.86	23.97	23.89		
5	16QAM	1	0	23.90	24.01	23.87		
5	16QAM	1	12	23.90	23.90	23.73	24.7	1
5	16QAM	1	24	23.80	23.84	23.88		
5	16QAM	12	0	22.83	22.90	22.84		
5	16QAM	12	7	22.66	22.79	22.70	23.7	2
5	16QAM	12	13	22.73	22.79	22.78		
5	16QAM	25	0	22.91	22.96	22.82		
5	64QAM	1	0	22.82	22.95	22.95		
5	64QAM	1	12	22.83	22.99	22.70	23.7	2
5	64QAM	1	24	22.63	22.80	22.78		
5	64QAM	12	0	21.79	21.96	21.88		
5	64QAM	12	7	21.61	21.71	21.77	22.7	3
5	64QAM	12	13	21.74	21.89	21.82		
5	64QAM	25	0	21.86	21.85	21.90		
5	256QAM	1	0	19.64	19.79	19.70		
5	256QAM	1	12	19.65	19.77	19.57	20.7	5
5	256QAM	1	24	19.63	19.75	19.63		
5	256QAM	12	0	19.79	19.91	19.90		
5	256QAM	12	7	19.74	19.85	19.68	20.7	5
5	256QAM	12	13	19.73	19.79	19.82		
5	256QAM	25	0	19.77	19.93	19.90		
Channel				19925	20175	20425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	24.80	24.89	24.75		
3	QPSK	1	8	24.79	24.83	24.74	25.7	0
3	QPSK	1	14	24.75	24.89	24.77		
3	QPSK	8	0	23.88	23.95	23.88		
3	QPSK	8	4	23.77	23.91	23.84	24.7	1
3	QPSK	8	7	23.72	23.85	23.83		
3	QPSK	15	0	23.88	23.90	23.89		
3	16QAM	1	0	23.96	24.01	23.89		
3	16QAM	1	8	23.82	23.99	23.83	24.7	1
3	16QAM	1	14	23.71	23.91	23.84		
3	16QAM	8	0	22.78	22.91	22.83		
3	16QAM	8	4	22.60	22.77	22.67	23.7	2
3	16QAM	8	7	22.72	22.80	22.74		
3	16QAM	15	0	22.86	22.88	22.91		
3	64QAM	1	0	22.88	23.03	22.90		
3	64QAM	1	8	22.87	22.93	22.88	23.7	2
3	64QAM	1	14	22.78	22.93	22.77		
3	64QAM	8	0	21.84	21.90	21.88		
3	64QAM	8	4	21.62	21.71	21.78	22.7	3
3	64QAM	8	7	21.81	21.88	21.84		
3	64QAM	15	0	21.93	22.00	21.84		
3	256QAM	1	0	19.62	19.83	19.73		
3	256QAM	1	8	19.63	19.70	19.65	20.7	5
3	256QAM	1	14	19.74	19.67	19.64		
3	256QAM	8	0	19.79	19.99	19.92		
3	256QAM	8	4	19.68	19.85	19.68	20.7	5
3	256QAM	8	7	19.83	19.86	19.74		
3	256QAM	15	0	19.79	19.88	19.92		
Channel				19907	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	24.73	24.88	24.68		
1.4	QPSK	1	3	24.83	24.93	24.73		
1.4	QPSK	1	5	24.77	24.93	24.70	25.7	0
1.4	QPSK	3	0	24.90	24.90	24.79		
1.4	QPSK	3	1	24.82	24.84	24.84		
1.4	QPSK	3	3	24.67	24.80	24.70		
1.4	QPSK	6	0	23.83	23.97	23.92	24.7	1
1.4	16QAM	1	0	23.86	24.04	23.85		
1.4	16QAM	1	3	23.88	23.95	23.81		
1.4	16QAM	1	5	23.76	23.94	23.88	24.7	1
1.4	16QAM	3	0	23.85	23.86	23.87		
1.4	16QAM	3	1	23.63	23.76	23.68		
1.4	16QAM	3	3	23.69	23.80	23.72		
1.4	16QAM	6	0	22.94	23.00	22.80	23.7	2
1.4	64QAM	1	0	22.91	22.99	22.89		
1.4	64QAM	1	3	22.90	22.95	22.82		
1.4	64QAM	1	5	22.77	22.87	22.74	23.7	2
1.4	64QAM	3	0	22.82	22.86	22.91		
1.4	64QAM	3	1	22.59	22.71	22.74		
1.4	64QAM	3	3	22.73	22.89	22.85		
1.4	64QAM	6	0	21.89	22.00	21.90	22.7	3
1.4	256QAM	1	0	19.73	19.83	19.73		
1.4	256QAM	1	3	19.74	19.67	19.67		
1.4	256QAM	1	5	19.68	19.73	19.60	20.7	5
1.4	256QAM	3	0	19.80	19.97	19.86		
1.4	256QAM	3	1	19.74	19.85	19.66		
1.4	256QAM	3	3	19.73	19.87	19.77		
1.4	256QAM	6	0	19.80	19.86	19.88	20.7	5

Band 7 Ant2 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	24.83	25.16	25.05		
20	QPSK	1	49	24.86	24.98	24.85	25.7	0
20	QPSK	1	99	24.86	24.96	24.83		
20	QPSK	50	0	24.04	24.13	24.03		
20	QPSK	50	24	23.98	24.01	23.87	24.7	1
20	QPSK	50	50	24.02	24.07	23.98		
20	QPSK	100	0	23.91	24.02	23.89		
20	16QAM	1	0	24.29	24.32	24.26		
20	16QAM	1	49	24.12	24.18	24.04	24.7	1
20	16QAM	1	99

Band 38 Ant2 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	25.06	25.10	25.03	25.7	0
20	QPSK	1	49	25.00	25.05	24.99		
20	QPSK	1	99	24.93	24.96	24.85		
20	QPSK	50	0	24.08	24.11	23.96	24.7	1
20	QPSK	50	24	24.00	24.07	23.94		
20	QPSK	50	50	23.91	24.00	23.88		
20	QPSK	100	0	23.93	24.06	23.94		
20	16QAM	1	0	24.03	24.18	24.06	24.7	1
20	16QAM	1	49	24.05	24.15	24.07		
20	16QAM	1	99	24.03	24.13	24.05		
20	16QAM	50	0	23.03	23.13	23.06	23.7	2
20	16QAM	50	24	22.93	23.07	22.96		
20	16QAM	50	50	22.96	23.01	22.98		
20	16QAM	100	0	22.91	23.02	22.90		
20	64QAM	1	0	22.94	23.09	22.95	23.7	2
20	64QAM	1	49	22.90	23.01	22.86		
20	64QAM	1	99	22.97	23.05	23.02		
20	64QAM	50	0	21.98	22.07	21.99	22.7	3
20	64QAM	50	24	21.89	22.01	21.90		
20	64QAM	50	50	21.85	21.98	21.91		
20	64QAM	100	0	21.97	22.05	21.96		
20	256QAM	1	0	20.03	20.11	19.97	20.7	5
20	256QAM	1	49	19.94	20.01	19.96		
20	256QAM	1	99	19.89	20.00	19.94		
20	256QAM	50	0	19.99	20.09	19.99	20.7	5
20	256QAM	50	24	19.98	20.04	19.94		
20	256QAM	50	50	19.86	19.96	19.90		
20	256QAM	100	0	19.97	20.04	19.92		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	25.00	25.06	25.04	25.7	0
15	QPSK	1	37	24.92	24.93	24.91		
15	QPSK	1	74	24.81	24.86	24.72		
15	QPSK	36	0	23.99	23.97	23.87	24.7	1
15	QPSK	36	20	23.97	23.99	23.87		
15	QPSK	36	39	23.82	23.92	23.83		
15	QPSK	75	0	23.83	23.96	23.80		
15	16QAM	1	0	23.99	24.08	23.91	24.7	1
15	16QAM	1	37	23.95	24.04	23.97		
15	16QAM	1	74	23.97	24.04	23.99		
15	16QAM	36	0	22.88	23.08	22.99	23.7	2
15	16QAM	36	20	22.80	23.00	22.92		
15	16QAM	36	39	22.90	22.86	22.92		
15	16QAM	75	0	22.76	22.88	22.80		
15	64QAM	1	0	22.90	22.99	22.89	23.7	2
15	64QAM	1	37	22.80	22.91	22.82		
15	64QAM	1	74	22.93	22.97	22.94		
15	64QAM	36	0	21.84	21.97	21.92	22.7	3
15	64QAM	36	20	21.84	21.96	21.78		
15	64QAM	36	39	21.78	21.94	21.76		
15	64QAM	75	0	21.92	21.94	21.87		
15	256QAM	1	0	19.92	20.05	19.83	20.7	5
15	256QAM	1	37	19.91	19.97	19.83		
15	256QAM	1	74	19.78	19.85	19.79		
15	256QAM	36	0	19.84	19.97	19.87	20.7	5
15	256QAM	36	20	19.83	19.92	19.87		
15	256QAM	36	39	19.79	19.91	19.83		
15	256QAM	75	0	19.83	19.95	19.82		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	24.94	25.08	25.04	25.7	0
10	QPSK	1	25	24.90	24.94	24.92		
10	QPSK	1	49	24.78	24.86	24.81		
10	QPSK	25	0	24.05	24.07	23.82	24.7	1
10	QPSK	25	12	23.89	23.98	23.82		
10	QPSK	25	25	23.87	23.88	23.85		
10	QPSK	50	0	23.81	24.02	23.84		
10	16QAM	1	0	23.95	24.09	23.93	24.7	1
10	16QAM	1	25	23.95	24.08	23.96		
10	16QAM	1	49	24.00	24.09	23.95		
10	16QAM	25	0	23.00	23.05	22.92	23.7	2
10	16QAM	25	12	22.82	22.96	22.92		
10	16QAM	25	25	22.88	22.90	22.85		
10	16QAM	50	0	22.85	22.91	22.76		
10	64QAM	1	0	22.90	22.99	22.81	23.7	2
10	64QAM	1	25	22.78	22.93	22.76		
10	64QAM	1	49	22.91	22.92	22.97		
10	64QAM	25	0	21.88	21.97	21.95	22.7	3
10	64QAM	25	12	21.83	21.89	21.75		
10	64QAM	25	25	21.70	21.87	21.86		
10	64QAM	50	0	21.85	21.97	21.92		
10	256QAM	1	0	19.96	20.06	19.85	20.7	5
10	256QAM	1	25	19.81	19.95	19.86		
10	256QAM	1	49	19.75	19.93	19.83		
10	256QAM	25	0	19.95	19.95	19.88	20.7	5
10	256QAM	25	12	19.87	19.90	19.88		
10	256QAM	25	25	19.72	19.84	19.76		
10	256QAM	50	0	19.89	19.91	19.85		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	24.98	25.04	24.97	25.7	0
5	QPSK	1	12	24.96	24.94	24.87		
5	QPSK	1	24	24.82	24.84	24.77		
5	QPSK	12	0	24.00	23.99	23.83	24.7	1
5	QPSK	12	7	23.88	23.92	23.90		
5	QPSK	12	13	23.78	23.86	23.78		
5	QPSK	25	0	23.78	23.91	23.83		
5	16QAM	1	0	23.96	24.05	24.02	24.7	1
5	16QAM	1	12	24.00	24.09	24.00		
5	16QAM	1	24	23.90	24.00	23.99		
5	16QAM	12	0	22.99	23.01	22.99	23.7	2
5	16QAM	12	7	22.89	22.95	22.84		
5	16QAM	12	13	22.87	22.96	22.93		
5	16QAM	25	0	22.78	22.92	22.75		
5	64QAM	1	0	22.90	22.96	22.85	23.7	2
5	64QAM	1	12	22.76	22.87	22.73		
5	64QAM	1	24	22.93	22.90	22.92		
5	64QAM	12	0	21.93	21.95	21.88	22.7	3
5	64QAM	12	7	21.75	21.91	21.79		
5	64QAM	12	13	21.77	21.87	21.88		
5	64QAM	25	0	21.90	21.94	21.91		
5	256QAM	1	0	19.99	20.03	19.83	20.7	5
5	256QAM	1	12	19.86	19.96	19.88		
5	256QAM	1	24	19.84	19.89	19.83		
5	256QAM	12	0	19.95	20.00	19.87	20.7	5
5	256QAM	12	7	19.90	19.90	19.90		
5	256QAM	12	13	19.75	19.87	19.77		
5	256QAM	25	0	19.82	20.01	19.88		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	25.11	25.12	25.16	25.00	25.10	25.7	0
20	QPSK	1	49	24.91	24.83	24.95	24.81	24.90		
20	QPSK	1	99	24.85	24.83	24.89	24.84	24.81		
20	QPSK	50	0	23.95	23.96	24.02	23.89	23.96	24.7	1
20	QPSK	50	24	23.90	23.86	23.99	23.91	23.95		
20	QPSK	50	50	23.86	23.81	23.94	23.84	23.89		
20	QPSK	100	0	23.92	23.94	24.01	23.95	23.97		
20	16QAM	1	0	24.00	23.96	24.10	24.00	23.98	24.7	1
20	16QAM	1	49	23.88	23.91	23.99	23.98	23.86		
20	16QAM	1	99	23.94	23.93	24.05	23.98	23.94		
20	16QAM	50	0	23.00	22.97	23.04	22.98	22.95	23.7	2
20	16QAM	50	24	22.93	22.93	22.99	22.90	22.75		
20	16QAM	50	50	22.94	22.97	23.00	22.87	22.85		
20	16QAM	100	0	22.93	22.87	22.99	22.89	22.86		
20	64QAM	1	0	23.01	22.93	23.05	22.96	22.97	23.7	2
20	64QAM	1	49	22.82	22.89	22.93	22.88	22.79		
20	64QAM	1	99	22.93	22.90	22.99	22.90	22.91		
20	64QAM	50	0	21.97	21.91	22.03	21.93	21.92	22.7	3
20	64QAM	50	24	21.84	21.89	21.96	21.84	21.86		
20	64QAM	50	50	21.81	21.88	21.93	21.87	21.88		
20	64QAM	100	0	21.88	21.95	22.01	21.91	21.98		
20	256QAM	1	0	20.03	19.97	20.09	19.98	19.95	20.7	5
20	256QAM	1	49	19.96	19.96	20.05	20.01	19.88		
20	256QAM	1	99	19.90	19.97	20.03	19.89	19.89		
20	256QAM	50	0	19.98	19.96	20.10	19.99	19.96	20.7	5
20	256QAM	50	24	19.92	19.99	20.05	20.00	20.00		
20	256QAM	50	50	19.84	19.97	20.04	19.94	19.87		
20	256QAM	100	0	19.91	19.93	20.05	19.93	19.95		
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	24.99	25.02	24.98	24.94	25.02	26	0
15	QPSK	1	37	24.87	24.87	24.70	24.78	24.79		
15	QPSK	1	74	24.75	24.79	24.70	24.75	24.68		
15	QPSK	36	0	23.92	23.88	23.91	23.83	23.92	24.7	1
15	QPSK	36	20	23.76	23.90	23.83	23.79	23.84		
15	QPSK	36	39	23.77	23.86	23.75	23.69	23.78		
15	QPSK	75	0	23.80	23.89	23.81	23.89	23.87		
15	16QAM	1	0	23.86	23.96	23.84	23.86	23.85	24.7	1
15	16QAM	1	37	23.79	23.86	23.77	23.95	23.80		
15	16QAM	1	74	23.83	23.97	23.84	23.86	23.87		
15	16QAM	36	0	22.89	22.97	22.88	22.92	22.86	23.7	2
15	16QAM	36	20	22.87	22.84	22.87	22.80	22.64		
15	16QAM	36	39	22.90	22.87	22.92	22.75	22.72		
15	16QAM	75	0	22.84	22.84	22.79	22.81	22.74		
15	64QAM	1	0	22.88	22.93	22.83	22.92	22.88	23.7	2
15	64QAM	1	37	22.75	22.89	22.85	22.85	22.76		
15	64QAM	1	74	22.88	22.89	22.84	22.84	22.84		
15	64QAM	36	0	21.94	21.95	21.81	21.82	21.79	22.7	3
15	64QAM	36	20	21.77	21.90	21.76	21.70	21.81		
15	64QAM	36	39	21.72	21.90	21.83	21.77	21.83		
15	64QAM	75	0	21.75	21.91	21.89	21.77	21.88		
15	256QAM	1	0	19.93	19.88	19.98	19.88	19.85	20.7	5
15	256QAM	1	37	19.93	19.89	19.95	19.90	19.80		
15	256QAM	1	74	19.81	19.88	19.96	19.86	19.75		
15	256QAM	36	0	19.89	19.88	20.04	19.86	19.93	20.7	5
15	256QAM	36	20	19.77	19.86	19.98	19.88	19.95		
15	256QAM	36	39	19.70	19.93	19.91	19.86	19.78		
15	256QAM	75	0	19.78	19.84	19.93	19.81	19.88		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	24.99	25.02	25.06	24.86	25.06	25.70	0
10	QPSK	1	25	24.86	24.82	24.77	24.69	24.77		
10	QPSK	1	49	24.77	24.76	24.74	24.80	24.68		
10	QPSK	25	0	23.83	23.97	23.89	23.84	23.92	24.7	1
10	QPSK	25	12	23.76	23.92	23.73	23.76	23.85		
10	QPSK	25	25	23.73	23.79	23.77	23.78	23.78		
10	QPSK	50	0	23.88	23.94	23.89	23.89	23.82		
10	16QAM	1	0	23.85	23.99	23.85	23.88	23.92	24.7	1
10	16QAM	1	25	23.84	23.88	23.84	23.92	23.73		
10	16QAM	1	49	23.80	23.99	23.90	23.93	23.84		
10	16QAM	25	0	22.87	22.94	22.85	22.90	22.84	23.7	2
10	16QAM	25	12	22.87	22.96	22.88	22.87	22.66		
10	16QAM	25	25	22.86	22.90	22.94	22.82	22.75		
10	16QAM	50	0	22.79	22.86	22.77	22.81	22.82		
10	64QAM	1	0	22.87	22.91	22.80	22.81	22.90	23.7	2
10	64QAM	1	25	22.71	22.79	22.81	22.77	22.74		
10	64QAM	1	49	22.83	22.95	22.75	22.84	22.86		
10	64QAM	25	0	21.90	21.94	21.79	21.82	21.78	22.7	3
10	64QAM	25	12	21.75	21.91	21.77	21.74	21.78		
10	64QAM	25	25	21.75	21.86	21.82	21.75	21.73		
10	64QAM	50	0	21.76	21.96	21.91	21.81	21.94		
10	256QAM	1	0	19.89	19.93	20.01	19.84	19.90	20.7	5
10	256QAM	1	25	19.92	19.87	20.00	19.97	19.84		
10	256QAM	1	49	19.84	19.86	19.98	19.80	19.83		
10	256QAM	25	0	19.85	19.83	20.02	19.92	19.87	20.7	5
10	256QAM	25	12	19.77	19.94	20.00	19.92	19.96		
10	256QAM	25	25	19.72	19.91	20.00	19.79	19.73		
10	256QAM	50	0	19.82	19.83	20.00	19.90	19.89		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	24.98	25.03	25.07	24.92	25.06	25.70	0
5	QPSK	1	12	24.81	24.85	24.69	24.68	24.83		
5	QPSK	1	24	24.77	24.85	24.74	24.77	24.71		
5	QPSK	12	0	23.83	23.92	23.82	23.80	23.91	24.7	1
5	QPSK	12	7	23.80	23.95	23.75	23.84	23.88		
5	QPSK	12	13	23.72	23.86	23.77	23.79	23.75		
5	QPSK	25	0	23.86	23.95	23.82	23.81	23.91		
5	16QAM	1	0	23.90	23.98	23.87	23.88	23.93	24.7	1
5	16QAM	1	12	23.75	23.85	23.80	23.83	23.73		
5	16QAM	1	24	23.83	23.92	23.84	23.85	23.86		
5	16QAM	12	0	22.92	22.96	22.89	22.87	22.83	23.7	2
5	16QAM	12	7	22.88	22.88	22.80	22.84	22.69		
5	16QAM	12	13	22.82	22.88	22.85	22.73	22.74		
5	16QAM	25	0	22.88	22.91	22.84	22.83	22.74		
5	64QAM	1	0	22.90	23.02	22.79	22.90	22.88	23.7	2
5	64QAM	1	12	22.70	22.84	22.81	22.79	22.73		
5	64QAM	1	24	22.84	22.85	22.86	22.78	22.78		
5	64QAM	12	0	21.91	21.96	21.82	21.88	21.89	22.7	3
5	64QAM	12	7	21.78	21.89	21.81	21.80	21.81		
5	64QAM	12	13	21.74	21.83	21.81	21.74	21.84		
5	64QAM	25	0	21.84	21.89	21.87	21.84	21.91		
5	256QAM	1	0	19.92	19.92	20.00	19.95	19.80	20.7	5
5	256QAM	1	12	19.84	19.85	19.91	19.94	19.76		
5	256QAM	1	24	19.85	19.90	19.92	19.79	19.79		
5	256QAM	12	0	19.93	19.82	19.99	19.95	19.88	20.7	5
5	256QAM	12	7	19.85	19.85	19.92	19.94	19.93		
5	256QAM	12	13	19.77	19.85	19.92	19.79	19.75		
5	256QAM	25	0	19.77	19.87	19.97	19.87	19.82		

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	23.59	23.75	23.57	25	0
20	QPSK	1	49	23.57	23.70	23.51		
20	QPSK	1	99	23.68	23.72	23.55		
20	QPSK	50	0	22.58	22.71	22.56	24	1
20	QPSK	50	24	22.51	22.65	22.45		
20	QPSK	50	50	22.56	22.69	22.46		
20	QPSK	100	0	22.64	22.68	22.51		
20	16QAM	1	0	22.71	22.85	22.70	24	1
20	16QAM	1	49	22.64	22.73	22.59		
20	16QAM	1	99	22.69	22.82	22.64		
20	16QAM	50	0	21.67	21.72	21.58	23	2
20	16QAM	50	24	21.58	21.66	21.47		
20	16QAM	50	50	21.70	21.75	21.61		
20	16QAM	100	0	21.68	21.76	21.55		
20	64QAM	1	0	21.72	21.81	21.61	23	2
20	64QAM	1	49	21.60	21.71	21.57		
20	64QAM	1	99	21.70	21.77	21.62		
20	64QAM	50	0	20.64	20.69	20.48	22	3
20	64QAM	50	24	20.62	20.72	20.48		
20	64QAM	50	50	20.60	20.70	20.48		
20	64QAM	100	0	20.68	20.75	20.51		
20	256QAM	1	0	18.61	18.65	18.57	20	5
20	256QAM	1	49	18.43	18.53	18.40		
20	256QAM	1	99	18.55	18.60	18.53		
20	256QAM	50	0	18.54	18.68	18.61	20	5
20	256QAM	50	24	18.55	18.64	18.54		
20	256QAM	50	50	18.47	18.60	18.53		
20	256QAM	100	0	18.52	18.63	18.59		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	23.54	23.71	23.49	25	0
15	QPSK	1	37	23.51	23.62	23.45		
15	QPSK	1	74	23.63	23.60	23.49		
15	QPSK	36	0	22.50	22.67	22.43	24	1
15	QPSK	36	20	22.37	22.59	22.42		
15	QPSK	36	39	22.50	22.55	22.39		
15	QPSK	75	0	22.60	22.57	22.36		
15	16QAM	1	0	22.59	22.71	22.55	24	1
15	16QAM	1	37	22.56	22.66	22.51		
15	16QAM	1	74	22.60	22.67	22.61		
15	16QAM	36	0	21.55	21.68	21.53	23	2
15	16QAM	36	20	21.44	21.54	21.38		
15	16QAM	36	39	21.59	21.67	21.56		
15	16QAM	75	0	21.65	21.64	21.51		
15	64QAM	1	0	21.60	21.77	21.55	23	2
15	64QAM	1	37	21.54	21.61	21.51		
15	64QAM	1	74	21.63	21.68	21.53		
15	64QAM	36	0	20.56	20.65	20.36	22	3
15	64QAM	36	20	20.56	20.60	20.40		
15	64QAM	36	39	20.54	20.61	20.37		
15	64QAM	75	0	20.55	20.67	20.36		
15	256QAM	1	0	18.57	18.58	18.54	20	5
15	256QAM	1	37	18.39	18.44	18.28		
15	256QAM	1	74	18.47	18.45	18.45		
15	256QAM	36	0	18.41	18.54	18.53	20	5
15	256QAM	36	20	18.48	18.51	18.49		
15	256QAM	36	39	18.42	18.56	18.47		
15	256QAM	75	0	18.47	18.49	18.51		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	23.48	23.63	23.50	25	0
10	QPSK	1	25	23.44	23.65	23.42		
10	QPSK	1	49	23.63	23.57	23.48		
10	QPSK	25	0	22.50	22.67	22.49	24	1
10	QPSK	25	12	22.45	22.53	22.36		
10	QPSK	25	25	22.47	22.60	22.35		
10	QPSK	50	0	22.54	22.57	22.44		
10	16QAM	1	0	22.66	22.79	22.65	24	1
10	16QAM	1	25	22.50	22.63	22.55		
10	16QAM	1	49	22.58	22.71	22.50		
10	16QAM	25	0	21.58	21.60	21.51	23	2
10	16QAM	25	12	21.55	21.62	21.43		
10	16QAM	25	25	21.63	21.71	21.56		
10	16QAM	50	0	21.62	21.66	21.40		
10	64QAM	1	0	21.61	21.66	21.53	23	2
10	64QAM	1	25	21.54	21.59	21.44		
10	64QAM	1	49	21.63	21.74	21.53		
10	64QAM	25	0	20.54	20.65	20.45	22	3
10	64QAM	25	12	20.49	20.65	20.39		
10	64QAM	25	25	20.48	20.58	20.45		
10	64QAM	50	0	20.55	20.71	20.42		
10	256QAM	1	0	18.48	18.50	18.53	20	5
10	256QAM	1	25	18.36	18.46	18.36		
10	256QAM	1	49	18.42	18.56	18.42		
10	256QAM	25	0	18.46	18.56	18.57	20	5
10	256QAM	25	12	18.49	18.57	18.49		
10	256QAM	25	25	18.43	18.52	18.42		
10	256QAM	50	0	18.48	18.53	18.54		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	23.50	23.65	23.50	25	0
5	QPSK	1	12	23.54	23.60	23.44		
5	QPSK	1	24	23.54	23.60	23.42		
5	QPSK	12	0	22.45	22.59	22.43	24	1
5	QPSK	12	7	22.45	22.53	22.35		
5	QPSK	12	13	22.52	22.64	22.38		
5	QPSK	25	0	22.59	22.56	22.41		
5	16QAM	1	0	22.58	22.71	22.57	24	1
5	16QAM	1	12	22.56	22.64	22.49		
5	16QAM	1	24	22.65	22.70	22.60		
5	16QAM	12	0	21.60	21.68	21.44	23	2
5	16QAM	12	7	21.45	21.63	21.38		
5	16QAM	12	13	21.61	21.60	21.49		
5	16QAM	25	0	21.54	21.71	21.41		
5	64QAM	1	0	21.63	21.67	21.52	23	2
5	64QAM	1	12	21.46	21.66	21.52		
5	64QAM	1	24	21.67	21.74	21.53		
5	64QAM	12	0	20.58	20.65	20.40	22	3
5	64QAM	12	7	20.47	20.68	20.44		
5	64QAM	12	13	20.49	20.60	20.35		
5	64QAM	25	0	20.65	20.66	20.47		
5	256QAM	1	0	18.47	18.61	18.54	20	5
5	256QAM	1	12	18.36	18.39	18.25		
5	256QAM	1	24	18.50	18.53	18.49		
5	256QAM	12	0	18.45	18.62	18.48	20	5
5	256QAM	12	7	18.49	18.59	18.48		
5	256QAM	12	13	18.44	18.55	18.40		
5	256QAM	25	0	18.39	18.57	18.50		
Channel				19925	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	23.49	23.62	23.51	25	0
3	QPSK	1	8	23.45	23.58	23.36		
3	QPSK	1	14	23.61	23.66	23.47		
3	QPSK	8	0	22.53	22.57	22.46	24	1
3	QPSK	8	4	22.45	22.56	22.34		
3	QPSK	8	7	22.47	22.58	22.40		
3	QPSK	15	0	22.53	22.65	22.40		
3	16QAM	1	0	22.66	22.74	22.56	24	1
3	16QAM	1	8	22.61	22.62	22.54		
3	16QAM	1	14	22.54	22.68	22.53		
3	16QAM	8	0	21.55	21.62	21.49	23	2
3	16QAM	8	4	21.44	21.56	21.41		
3	16QAM	8	7	21.57	21.66	21.49		
3	16QAM	15	0	21.64	21.67	21.43		
3	64QAM	1	0	21.65	21.66	21.46	23	2
3	64QAM	1	8	21.47	21.66	21.43		
3	64QAM	1	14	21.57	21.69	21.50		
3	64QAM	8	0	20.57	20.65	20.39	22	3
3	64QAM	8	4	20.52	20.63	20.34		
3	64QAM	8	7	20.56	20.60	20.33		
3	64QAM	15	0	20.53	20.64	20.43		
3	256QAM	1	0	18.55	18.57	18.45	20	5
3	256QAM	1	8	18.31	18.49	18.29		
3	256QAM	1	14	18.43	18.54	18.38		
3	256QAM	8	0	18.39	18.60	18.58	20	5
3	256QAM	8	4	18.49	18.55	18.43		
3	256QAM	8	7	18.42	18.55	18.46		
3	256QAM	15	0	18.48	18.56	18.56		
Channel				19967	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	23.48	23.70	23.50	25	0
1.4	QPSK	1	3	23.42	23.62	23.38		
1.4	QPSK	1	5	23.56	23.63	23.48		
1.4	QPSK	3	0	23.50	23.57	23.46		
1.4	QPSK	3	1	23.43	23.60	23.38		
1.4	QPSK	3	3	23.47	23.61	23.33		
1.4	QPSK	6	0	22.54	22.58	22.43	24	1
1.4	16QAM	1	0	22.66	22.82	22.60	24	1
1.4	16QAM	1	3	22.57	22.65	22.48		
1.4	16QAM	1	5	22.61	22.71	22.51		
1.4	16QAM	3	0	22.53	22.63	22.49		
1.4	16QAM	3	1	22.51	22.55	22.36		
1.4	16QAM	3	3	22.55	22.71	22.51		
1.4	16QAM	6	0	21.54	21.66	21.50	23	2
1.4	64QAM	1	0	21.57	21.75	21.46	23	2
1.4	64QAM	1	3	21.52	21.63	21.43		
1.4	64QAM	1	5	21.63	21.64	21.58		
1.4	64QAM	3	0	21.49	21.56	21.37		
1.4	64QAM	3	1	21.54	21.65	21.42		
1.4	64QAM	3	3	21.55	21.61	21.37		
1.4	64QAM	6	0	20.53	20.71	20.40	22	3
1.4	256QAM	1	0	18.49	18.58	18.46	20	5
1.4	256QAM	1	3	18.38	18.38	18.36		
1.4	256QAM	1	5	18.52	18.55	18.44		
1.4	256QAM	3	0	18.41	18.63	18.53		
1.4	256QAM	3	1	18.45	18.54	18.39		
1.4	256QAM	3	3	18.42	18.52	18.42		
1.4	256QAM	6	0	18.38	18.49	18.54	20	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	24.00	24.03	23.95	25	0
20	QPSK	1	49	23.93	23.99	23.89		
20	QPSK	1	99	23.88	24.00	23.88		
20	QPSK	50	0	22.90	22.99	22.91	24	1
20	QPSK	50	24	22.90	22.94	22.79		
20	QPSK	50	50	22.84	22.91	22.87		
20	QPSK	100	0	22.86	22.96	22.85		
20	16QAM	1	0	22.95	23.07	22.93	24	1
20	16QAM	1	49	22.99	23.05	22.95		
20	16QAM	1	99	22.89	23.01	22.90		
20	16QAM	50	0	21.88	22.00	21.96	23	2
20	16QAM	50	24	21.79	21.90	21.83		
20	16QAM	50	50	21.84	21.88	21.79		
20	16QAM	100	0	21.94	22.01	21.87		
20	64QAM	1	0	22.05	22.10	22.07	23	2
20	64QAM	1	49	22.04	22.10	22.05		
20	64QAM	1	99	22.03	22.07	22.01		
20	64QAM	50	0	20.92	20.99	20.85	22	3
20	64QAM	50	24	20.86	20.93	20.86		
20	64QAM	50	50	20.85	20.90	20.75		
20	64QAM	100	0	20.93	20.99	20.96		
20	256QAM	1	0	18.94	19.06	18.92	20	5
20	256QAM	1	49	18.82	18.94	18.89		
20	256QAM	1	99	18.84	18.93	18.88		
20	256QAM	50	0	18.93	19.04	18.94	20	5
20	256QAM	50	24	18.95	18.99	18.95		
20	256QAM	50	50	18.79	18.91	18.84		
20	256QAM	100	0	19.04	19.12	19.07		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	23.88	24.00	23.82	25	0
15	QPSK	1	37	23.79	23.95	23.82		
15	QPSK	1	74	23.77	23.86	23.80		
15	QPSK	36	0	22.81	22.91	22.77	24	1
15	QPSK	36	20	22.79	22.86	22.71		
15	QPSK	36	39	22.79	22.83	22.81		
15	QPSK	75	0	22.76	22.89	22.72		
15	16QAM	1	0	22.81	22.99	22.87	24	1
15	16QAM	1	37	22.90	22.96	22.90		
15	16QAM	1	74	22.75	22.91	22.75		
15	16QAM	36	0	21.83	21.94	21.90	23	2
15	16QAM	36	20	21.69	21.81	21.69		
15	16QAM	36	39	21.75	21.77	21.67		
15	16QAM	75	0	21.87	21.97	21.80		
15	64QAM	1	0	22.01	21.98	21.92	23	2
15	64QAM	1	37	21.91	21.97	21.95		
15	64QAM	1	74	21.98	21.93	21.89		
15	64QAM	36	0	20.88	20.86	20.77	22	3
15	64QAM	36	20	20.78	20.78	20.72		
15	64QAM	36	39	20.82	20.79	20.60		
15	64QAM	75	0	20.85	20.93	20.90		
15	256QAM	1	0	18.81	18.95	18.80	20	5
15	256QAM	1	37	18.78	18.82	18.85		
15	256QAM	1	74	18.77	18.86	18.81		
15	256QAM	36	0	18.78	18.91	18.84	20	5
15	256QAM	36	20	18.83	18.86	18.87		
15	256QAM	36	39	18.67	18.86	18.77		
15	256QAM	75	0	18.92	19.01	18.94		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	23.85	23.92	23.90	25	0
10	QPSK	1	25	23.83	23.87	23.78		
10	QPSK	1	49	23.75	23.96	23.82		
10	QPSK	25	0	22.80	22.93	22.88	24	1
10	QPSK	25	12	22.81	22.87	22.66		
10	QPSK	25	25	22.79	22.72	22.79		
10	QPSK	50	0	22.75	22.84	22.75		
10	16QAM	1	0	22.81	23.03	22.85	24	1
10	16QAM	1	25	22.93	23.00	22.80		
10	16QAM	1	49	22.81	22.92	22.79		
10	16QAM	25	0	21.82	21.96	21.84	23	2
10	16QAM	25	12	21.68	21.76	21.79		
10	16QAM	25	25	21.80	21.81	21.70		
10	16QAM	50	0	21.80	21.89	21.82		
10	64QAM	1	0	22.02	22.02	22.00	23	2
10	64QAM	1	25	21.99	22.00	22.01		
10	64QAM	1	49	21.89	21.99	21.86		
10	64QAM	25	0	20.82	20.95	20.71	22	3
10	64QAM	25	12	20.77	20.87	20.78		
10	64QAM	25	25	20.79	20.75	20.70		
10	64QAM	50	0	20.83	20.92	20.87		
10	256QAM	1	0	18.86	18.96	18.83	20	5
10	256QAM	1	25	18.78	18.86	18.77		
10	256QAM	1	49	18.71	18.78	18.84		
10	256QAM	25	0	18.81	18.94	18.87	20	5
10	256QAM	25	12	18.82	18.93	18.81		
10	256QAM	25	25	18.71	18.81	18.73		
10	256QAM	50	0	18.94	19.05	19.01		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	23.90	23.91	23.82	25	0
5	QPSK	1	12	23.87	23.93	23.84		
5	QPSK	1	24	23.75	23.88	23.73		
5	QPSK	12	0	22.76	22.95	22.77	24	1
5	QPSK	12	7	22.86	22.80	22.75		
5	QPSK	12	13	22.78	22.76	22.75		
5	QPSK	25	0	22.81	22.89	22.80		
5	16QAM	1	0	22.83	22.95	22.84	24	1
5	16QAM	1	12	22.84	22.98	22.87		
5	16QAM	1	24	22.79	22.90	22.85		
5	16QAM	12	0	21.74	21.94	21.84	23	2
5	16QAM	12	7	21.74	21.84	21.72		
5	16QAM	12	13	21.72	21.73	21.64		
5	16QAM	25	0	21.86	21.93	21.81		
5	64QAM	1	0	22.02	22.02	22.00	23	2
5	64QAM	1	12	21.93	22.04	21.97		
5	64QAM	1	24	21.91	21.97	21.88		
5	64QAM	12	0	20.84	20.86	20.78	22	3
5	64QAM	12	7	20.78	20.80	20.83		
5	64QAM	12	13	20.78	20.75	20.66		
5	64QAM	25	0	20.89	20.94	20.93		
5	256QAM	1	0	18.83	18.97	18.88	20	5
5	256QAM	1	12	18.75	18.81	18.77		
5	256QAM	1	24	18.76	18.83	18.78		
5	256QAM	12	0	18.89	18.93	18.82	20	5
5	256QAM	12	7	18.84	18.94	18.82		
5	256QAM	12	13	18.67	18.81	18.78		
5	256QAM	25	0	19.00	19.07	18.96		

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BW [MHz]	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	23.72	23.81	23.66	25	0
20	QPSK	1	49	23.68	23.75	23.62		
20	QPSK	1	99	23.63	23.72	23.66		
20	QPSK	50	0	22.66	22.78	22.68	24	1
20	QPSK	50	24	22.58	22.71	22.60		
20	QPSK	50	50	22.72	22.76	22.62		
20	QPSK	100	0	22.72	22.77	22.68		
20	16QAM	1	0	22.79	22.83	22.69	24	1
20	16QAM	1	49	22.61	22.76	22.65		
20	16QAM	1	99	22.70	22.74	22.62		
20	16QAM	50	0	21.81	21.88	21.75	23	2
20	16QAM	50	24	21.64	21.73	21.63		
20	16QAM	50	50	21.75	21.86	21.79		
20	16QAM	100	0	21.72	21.81	21.77		
20	64QAM	1	0	21.80	21.90	21.84	23	2
20	64QAM	1	49	21.68	21.76	21.67		
20	64QAM	1	99	21.69	21.75	21.66		
20	64QAM	50	0	20.87	20.98	20.92	22	3
20	64QAM	50	24	20.77	20.82	20.74		
20	64QAM	50	50	20.74	20.88	20.77		
20	64QAM	100	0	20.78	20.90	20.80		
20	256QAM	1	0	18.78	18.84	18.79	20	5
20	256QAM	1	49	18.61	18.70	18.62		
20	256QAM	1	99	18.71	18.79	18.66		
20	256QAM	50	0	18.62	18.76	18.72	20	5
20	256QAM	50	24	18.61	18.65	18.61		
20	256QAM	50	50	18.64	18.72	18.59		
20	256QAM	100	0	18.74	18.80	18.70		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	23.66	23.72	23.59	25	0
15	QPSK	1	37	23.64	23.82	23.57		
15	QPSK	1	74	23.50	23.69	23.56		
15	QPSK	36	0	22.59	22.65	22.58	24	1
15	QPSK	36	20	22.45	22.64	22.56		
15	QPSK	36	39	22.62	22.63	22.56		
15	QPSK	75	0	22.59	22.74	22.58		
15	16QAM	1	0	22.65	22.78	22.55	24	1
15	16QAM	1	37	22.47	22.67	22.58		
15	16QAM	1	74	22.59	22.69	22.57		
15	16QAM	36	0	21.77	21.81	21.72	23	2
15	16QAM	36	20	21.49	21.64	21.50		
15	16QAM	36	39	21.60	21.82	21.65		
15	16QAM	75	0	21.67	21.77	21.69		
15	64QAM	1	0	21.76	21.78	21.78	23	2
15	64QAM	1	37	21.62	21.73	21.62		
15	64QAM	1	74	21.56	21.65	21.62		
15	64QAM	36	0	20.74	20.92	20.80	22	3
15	64QAM	36	20	20.65	20.69	20.70		
15	64QAM	36	39	20.68	20.81	20.72		
15	64QAM	75	0	20.75	20.79	20.72		
15	256QAM	1	0	18.66	18.73	18.65	20	5
15	256QAM	1	37	18.57	18.56	18.58		
15	256QAM	1	74	18.57	18.70	18.58		
15	256QAM	36	0	18.54	18.68	18.67	20	5
15	256QAM	36	20	18.55	18.55	18.52		
15	256QAM	36	39	18.58	18.68	18.48		
15	256QAM	75	0	18.69	18.73	18.67		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	23.59	23.78	23.59	25	0
10	QPSK	1	25	23.56	23.69	23.54		
10	QPSK	1	49	23.58	23.67	23.60		
10	QPSK	25	0	22.52	22.67	22.57	24	1
10	QPSK	25	12	22.45	22.63	22.45		
10	QPSK	25	25	22.60	22.78	22.53		
10	QPSK	50	0	22.67	22.70	22.59		
10	16QAM	1	0	22.65	22.75	22.59	24	1
10	16QAM	1	25	22.47	22.64	22.60		
10	16QAM	1	49	22.59	22.62	22.48		
10	16QAM	25	0	21.76	21.78	21.68	23	2
10	16QAM	25	12	21.60	21.58	21.59		
10	16QAM	25	25	21.61	21.82	21.67		
10	16QAM	50	0	21.69	21.71	21.68		
10	64QAM	1	0	21.71	21.81	21.71	23	2
10	64QAM	1	25	21.55

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BW [MHz]	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	23.93	23.96	23.94	25	0
20	QPSK	1	49	23.82	23.86	23.79		
20	QPSK	1	99	23.73	23.84	23.77		
20	QPSK	50	0	22.88	22.93	22.82	24	1
20	QPSK	50	24	22.83	22.90	22.77		
20	QPSK	50	50	22.80	22.85	22.75		
20	QPSK	100	0	22.81	22.89	22.76		
20	16QAM	1	0	22.98	23.02	22.88	24	1
20	16QAM	1	49	22.84	22.91	22.84		
20	16QAM	1	99	22.75	22.86	22.76		
20	16QAM	50	0	21.88	21.97	21.91	23	2
20	16QAM	50	24	21.89	21.94	21.84		
20	16QAM	50	50	21.81	21.93	21.84		
20	16QAM	100	0	21.96	22.00	21.95		
20	64QAM	1	0	21.92	22.07	22.00	23	2
20	64QAM	1	49	21.90	21.98	21.88		
20	64QAM	1	99	21.80	21.88	21.84		
20	64QAM	50	0	21.04	21.08	20.97	22	3
20	64QAM	50	24	20.88	21.03	20.92		
20	64QAM	50	50	20.91	20.94	20.81		
20	64QAM	100	0	20.95	21.03	20.96		
20	256QAM	1	0	18.85	18.92	18.88	20	5
20	256QAM	1	49	18.70	18.82	18.77		
20	256QAM	1	99	18.72	18.79	18.70		
20	256QAM	50	0	18.76	18.81	18.71	20	5
20	256QAM	50	24	18.61	18.75	18.66		
20	256QAM	50	50	18.65	18.74	18.62		
20	256QAM	100	0	18.75	18.86	18.79		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	23.82	23.91	23.85	25	0
15	QPSK	1	37	23.78	23.72	23.66		
15	QPSK	1	74	23.64	23.75	23.67		
15	QPSK	36	0	22.76	22.82	22.68	24	1
15	QPSK	36	20	22.73	22.77	22.64		
15	QPSK	36	39	22.69	22.78	22.61		
15	QPSK	75	0	22.74	22.83	22.72		
15	16QAM	1	0	22.91	22.88	22.80	24	1
15	16QAM	1	37	22.72	22.87	22.75		
15	16QAM	1	74	22.61	22.81	22.69		
15	16QAM	36	0	21.82	21.86	21.88	23	2
15	16QAM	36	20	21.82	21.87	21.74		
15	16QAM	36	39	21.74	21.82	21.71		
15	16QAM	75	0	21.88	21.90	21.83		
15	64QAM	1	0	21.83	22.00	21.90	23	2
15	64QAM	1	37	21.77	21.91	21.78		
15	64QAM	1	74	21.65	21.82	21.80		
15	64QAM	36	0	21.00	20.96	20.91	22	3
15	64QAM	36	20	20.77	20.89	20.83		
15	64QAM	36	39	20.78	20.80	20.73		
15	64QAM	75	0	20.90	20.99	20.88		
15	256QAM	1	0	18.71	18.78	18.83	20	5
15	256QAM	1	37	18.59	18.74	18.67		
15	256QAM	1	74	18.65	18.73	18.64		
15	256QAM	36	0	18.63	18.71	18.65	20	5
15	256QAM	36	20	18.52	18.70	18.61		
15	256QAM	36	39	18.61	18.69	18.55		
15	256QAM	75	0	18.62	18.79	18.70		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2573	2593	2613		
10	QPSK	1	0	23.80	23.93	23.84	25	0
10	QPSK	1	25	23.73	23.73	23.73		
10	QPSK	1	49	23.60	23.72	23.73		
10	QPSK	25	0	22.76	22.85	22.72	24	1
10	QPSK	25	12	22.78	22.81	22.72		
10	QPSK	25	25	22.77	22.71	22.68		
10	QPSK	50	0	22.67	22.81	22.67		
10	16QAM	1	0	22.86	22.88	22.84	24	1
10	16QAM	1	25	22.76	22.84	22.71		
10	16QAM	1	49	22.69	22.74	22.66		
10	16QAM	25	0	21.76	21.83	21.78	23	2
10	16QAM	25	12	21.81	21.80	21.79		
10	16QAM	25	25	21.66	21.82	21.71		
10	16QAM	50	0	21.84	21.86	21.86		
10	64QAM	1	0	21.84	21.95	21.90	23	2
10	64QAM	1	25	21.76	21.88	21.78		
10	64QAM	1	49	21.76	21.75	21.72		
10	64QAM	25	0	20.98	21.04	20.85	22	3
10	64QAM	25	12	20.78	20.92	20.78		
10	64QAM	25	25	20.79	20.90	20.76		
10	64QAM	50	0	20.80	20.89	20.85		
10	256QAM	1	0	18.79	18.78	18.80	20	5
10	256QAM	1	25	18.59	18.75	18.69		
10	256QAM	1	49	18.68	18.71	18.57		
10	256QAM	25	0	18.70	18.69	18.58	20	5
10	256QAM	25	12	18.55	18.66	18.58		
10	256QAM	25	25	18.56	18.67	18.54		
10	256QAM	50	0	18.63	18.74	18.65		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	23.83	23.87	23.80	25	0
5	QPSK	1	12	23.67	23.71	23.69		
5	QPSK	1	24	23.59	23.79	23.73		
5	QPSK	12	0	22.80	22.89	22.73	24	1
5	QPSK	12	7	22.68	22.86	22.62		
5	QPSK	12	13	22.72	22.75	22.62		
5	QPSK	25	0	22.73	22.78	22.62		
5	16QAM	1	0	22.84	22.95	22.84	24	1
5	16QAM	1	12	22.70	22.78	22.69		
5	16QAM	1	24	22.64	22.82	22.73		
5	16QAM	12	0	21.84	21.91	21.87	23	2
5	16QAM	12	7	21.84	21.94	21.76		
5	16QAM	12	13	21.75	21.87	21.75		
5	16QAM	25	0	21.87	21.88	21.84		
5	64QAM	1	0	21.81	21.99	21.91	23	2
5	64QAM	1	12	21.78	21.86	21.84		
5	64QAM	1	24	21.68	21.78	21.79		
5	64QAM	12	0	20.95	20.93	20.88	22	3
5	64QAM	12	7	20.78	20.98	20.87		
5	64QAM	12	13	20.84	20.84	20.73		
5	64QAM	25	0	20.84	20.93	20.85		
5	256QAM	1	0	18.76	18.87	18.75	20	5
5	256QAM	1	12	18.60	18.73	18.69		
5	256QAM	1	24	18.66	18.74	18.63		
5	256QAM	12	0	18.67	18.75	18.58	20	5
5	256QAM	12	7	18.56	18.68	18.63		
5	256QAM	12	13	18.60	18.66	18.57		
5	256QAM	25	0	18.66	18.81	18.65		

Band 41 Ant3 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	23.94	23.96	24.09	23.96	24.04	25	0
20	QPSK	1	49	23.87	23.92	24.01	23.88	23.97		
20	QPSK	1	99	23.95	23.92	23.99	23.85	23.95		
20	QPSK	50	0	22.99	22.96	23.03	22.98	22.93	24	1
20	QPSK	50	24	22.85	22.86	22.96	22.86	22.89		
20	QPSK	50	50	22.91	22.92	22.98	22.92	22.90		
20	QPSK	100	0	22.92	22.97	23.02	22.88	22.93		
20	16QAM	1	0	23.02	23.11	23.16	23.03	23.04	24	1
20	16QAM	1	49	22.94	22.93	23.05	22.90	22.96		
20	16QAM	1	99	22.90	22.98	23.05	22.97	23.00		
20	16QAM	50	0	22.08	22.04	22.12	22.03	22.00	23	2
20	16QAM	50	24	21.86	21.95	22.00	21.90	21.87		
20	16QAM	50	50	21.96	21.89	21.99	21.86	21.92		
20	16QAM	100	0	21.96	21.96	22.10	22.07	21.96		
20	64QAM	1	0	22.13	22.09	22.20	22.14	22.08	23	2
20	64QAM	1	49	22.04	22.04	22.08	21.94	21.99		
20	64QAM	1	99	22.01	22.07	22.14	22.09	22.10		
20	64QAM	50	0	21.15	21.08	21.18	21.10	21.07	22	3
20	64QAM	50	24	20.99	20.88	21.03	20.98	20.99		
20	64QAM	50	50	20.91	21.00	21.04	20.99	20.91		
20	64QAM	100	0	21.00	21.06	21.11	21.02	20.98		
20	256QAM	1	0	19.05	18.97	19.10	19.02	19.07	20	5
20	256QAM	1	49	18.84	18.96	19.07	19.01	18.94		
20	256QAM	1	99	18.91	18.98	19.03	18.98	18.87		
20	256QAM	50	0	18.97	18.95	19.07	18.95	19.02	20	5
20	256QAM	50	24	18.87	18.97	18.95	18.91	18.89		
20	256QAM	50	50	18.92	18.90	18.99	18.96	18.93		
20	256QAM	100	0	18.97	18.98	19.03	18.98	18.95		
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	23.84	23.92	23.98	23.83	23.90	25	0
15	QPSK	1	37	23.83	23.89	23.97	23.80	23.89		
15	QPSK	1	74	23.84	23.87	23.84	23.80	23.81		
15	QPSK	36	0	22.90	22.82	22.96	22.87	22.84	24	1
15	QPSK	36	20	22.82	22.77	22.85	22.75	22.82		
15	QPSK	36	39	22.87	22.81	22.83	22.84	22.84		
15	QPSK	75	0	22.81	22.82	22.99	22.74	22.87		
15	16QAM	1	0	22.98	23.06	23.04	22.94	22.92	24	1
15	16QAM	1	37	22.80	22.81	22.97	22.85	22.82		
15	16QAM	1	74	22.85	22.94	23.00	22.91	22.95		
15	16QAM	36	0	21.96	21.92	22.01	21.95	21.91	23	2
15	16QAM	36	20	21.75	21.81	21.88	21.87	21.81		
15	16QAM	36	39	21.90	21.84	21.89	21.78	21.89		
15	16QAM	75	0	21.89	21.88	21.97	22.02	21.93		
15	64QAM	1	0	21.98	22.00	22.06	22.04	21.97	23	2
15	64QAM	1	37	21.92	21.95	22.04	21.82	21.91		
15	64QAM	1	74	21.94	22.01	22.11	21.97	21.98		
15	64QAM	36	0	21.08	21.03	21.13	21.02	20.98	22	3
15	64QAM	36	20	20.87	20.84	20.91	20.95	20.95		
15	64QAM	36	39	20.80	20.96	21.01	20.94	20.78		
15	64QAM	75	0	20.88	20.94	21.00	20.88	20.83		
15	256QAM	1	0	19.01	18.89	19.02	18.90	19.03	20	5
15	256QAM	1	37	18.72	18.82	19.00	18.94	18.85		
15	256QAM	1	74	18.87	18.92	18.89	18.86	18.76		
15	256QAM	36	0	18.93	18.84	19.01	18.89	18.94	20	5
15	256QAM	36	20	18.81	18.86	18.91	18.84	18.79		
15	256QAM	36	39	18.80	18.76	18.85	18.92	18.88		
15	256QAM	75	0	18.82	18.91	18.95	18.95	18.89		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	23.91	23.88	23.95	23.89	23.95	25.00	0
10	QPSK	1	25	23.73	23.87	23.92	23.81	23.85		
10	QPSK	1	49	23.91	23.78	23.87	23.73	23.80		
10	QPSK	25	0	22.87	22.87	22.88	22.84	22.83	24	1
10	QPSK	25	12	22.76	22.73	22.85	22.76	22.83		
10	QPSK	25	25	22.77	22.86	22.88	22.79	22.77		
10	QPSK	50	0	22.78	22.89	22.96	22.81	22.84		
10	16QAM	1	0	22.98	22.99	23.12	22.95	22.90	24	1
10	16QAM	1	25	22.81	22.83	22.96	22.85	22.83		
10	16QAM	1	49	22.79	22.94	22.99	22.86	22.86		
10	16QAM	25	0	22.00	21.95	22.01	21.93	21.92	23	2
10	16QAM	25	12	21.82	21.90	21.93	21.76	21.81		
10	16QAM	25	25	21.88	21.80	21.86	21.74	21.84		
10	16QAM	50	0	21.91	21.92	21.98	22.00	21.88		
10	64QAM	1	0	22.06	21.95	22.14	22.01	21.95	23	2
10	64QAM	1	25	22.00	21.94	22.00	21.86	21.84		
10	64QAM	1	49	21.86	21.98	22.08	22.04	22.02		
10	64QAM	25	0	21.08	21.00	21.11	21.04	20.98	22	3
10	64QAM	25	12	20.86	20.81	20.96	20.89	20.93		
10	64QAM	25	25	20.81	20.89	20.97	20.91	20.85		
10	64QAM	50	0	20.85	20.91	20.99	20.92	20.86		
10	256QAM	1	0	18.95	18.84	19.06	18.88	19.01	20	5
10	256QAM	1	25	18.80	18.83	19.00	18.87	18.87		
10	256QAM	1	49	18.88	18.92	18.96	18.86	18.75		
10	256QAM	25	0	18.90	18.80	19.02	18.85	18.89	20	5
10	256QAM	25	12	18.82	18.85	18.80	18.79	18.77		
10	256QAM	25	25	18.83	18.79	18.93	18.82	18.80		
10	256QAM	50	0	18.85	18.94	18.91	18.85	18.81		
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	23.91	23.81	24.01	23.85	23.91	25.00	0
5	QPSK	1	12	23.74	23.88	23.91	23.79	23.84		
5	QPSK	1	24	23.87	23.86	23.90	23.76	23.82		
5	QPSK	12	0	22.86	22.83	23.00	22.88	22.86	24	1
5	QPSK	12	7	22.78	22.81	22.84	22.72	22.82		
5	QPSK	12	13	22.78	22.87	22.94	22.85	22.84		
5	QPSK	25	0	22.77	22.91	22.97	22.76	22.90		
5	16QAM	1	0	22.92	23.02	23.08	22.99	22.94	24	1
5	16QAM	1	12	22.80	22.82	22.99	22.79	22.89		
5	16QAM	1	24	22.81	22.93	22.94	22.90	22.87		
5	16QAM	12	0	22.00	21.93	22.02	21.97	21.86	23	2
5	16QAM	12	7	21.72	21.85	21.90	21.75	21.76		
5	16QAM	12	13	21.86	21.78	21.88	21.81	21.78		
5	16QAM	25	0	21.90	21.91	22.07	21.94	21.92	23	2
5	64QAM	1	0	22.04	21.98	22.14	22.04	22.04		
5	64QAM	1	12	21.97	21.93	21.93	21.86	21.96		
5	64QAM	1	24	21.96	21.95	22.02	21.96	21.96		
5	64QAM	12	0	21.10	21.03	21.11	21.00	20.92	22	3
5	64QAM	12	7	20.88	20.84	20.98	20.84	20.86		
5	64QAM	12	13	20.84	20.92	20.90	20.84	20.80		
5	64QAM	25	0	20.87	20.98	21.03	20.89	20.93		
5	256QAM	1	0	18.94	18.87	19.02	18.99	18.93	20	5
5	256QAM	1	12	18.72	18.82	18.99	18.88	18.88		
5	256QAM	1	24	18.80	18.91	18.91	18.87	18.73		
5	256QAM	12	0	18.85	18.87	18.94	18.87	18.91	20	5
5	256QAM	12	7	18.77	18.90	18.88	18.87	18.77		
5	256QAM	12	13	18.80	18.76	18.86	18.92	18.81		
5	256QAM	25	0	18.85	18.88	18.91	18.95	18.84		

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	32.98	33.06	33.03	34.00	23.98	24.06	24.03	25.00
GPRS 1 Tx slot	32.91	33.01	32.95	34.00	23.91	24.01	23.95	25.00
GPRS 2 Tx slots	29.80	29.98	29.85	31.00	23.80	23.98	23.85	25.00
GPRS 3 Tx slots	27.81	27.86	27.66	29.20	23.55	23.60	23.40	24.94
GPRS 4 Tx slots	26.63	26.66	26.56	28.00	23.63	23.66	23.56	25.00
EDGE 1 Tx slot	25.99	26.13	25.96	27.80	16.99	17.13	16.96	18.80
EDGE 2 Tx slots	22.97	23.09	22.93	24.80	16.97	17.09	16.93	18.80
EDGE 3 Tx slots	21.58	21.63	21.62	23.00	17.32	17.37	17.36	18.74
EDGE 4 Tx slots	20.01	20.06	19.96	21.80	17.01	17.06	16.96	18.80

		WCDMA V Ant0 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	24.15	24.22	24.10	25.00
3GPP Rel 99	RMC 12.2Kbps	24.22	24.25	24.18	25.00
3GPP Rel 6	HSDPA Subtest-1	23.14	23.24	23.05	24.00
3GPP Rel 6	HSDPA Subtest-2	23.15	23.16	23.21	24.00
3GPP Rel 6	HSDPA Subtest-3	22.76	22.63	22.77	23.50
3GPP Rel 6	HSDPA Subtest-4	22.71	22.64	22.76	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	23.20	23.23	23.04	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	23.20	23.16	23.09	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	22.78	22.67	22.69	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	22.72	22.73	22.58	23.50
3GPP Rel 6	HSUPA Subtest-1	23.29	23.09	23.16	24.00
3GPP Rel 6	HSUPA Subtest-2	21.34	21.21	21.29	22.00
3GPP Rel 6	HSUPA Subtest-3	22.15	22.16	22.18	23.00
3GPP Rel 6	HSUPA Subtest-4	21.11	21.07	21.25	22.00
3GPP Rel 6	HSUPA Subtest-5	23.10	23.06	23.22	24.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.69	20.72	20.60	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	22.82	22.96	22.91	24.5	0
20	QPSK	1	49	22.79	22.91	22.83		
20	QPSK	1	99	22.84	22.87	22.78		
20	QPSK	50	0	21.85	21.95	21.88	23.5	1
20	QPSK	50	24	21.77	21.89	21.77		
20	QPSK	50	50	21.90	21.94	21.82		
20	QPSK	100	0	21.76	21.89	21.79		
20	16QAM	1	0	21.97	22.05	22.01	23.5	1
20	16QAM	1	49	21.90	22.00	21.95		
20	16QAM	1	99	21.84	21.96	21.85		
20	16QAM	50	0	20.89	20.95	20.90	22.5	2
20	16QAM	50	24	20.77	20.89	20.82		
20	16QAM	50	50	20.87	21.00	20.92		
20	16QAM	100	0	20.86	20.92	20.86		
20	64QAM	1	0	20.94	21.06	20.96	22.5	2
20	64QAM	1	49	20.96	21.00	20.95		
20	64QAM	1	99	20.87	21.00	20.94		
20	64QAM	50	0	19.89	20.04	19.92	21.5	3
20	64QAM	50	24	19.92	19.98	19.91		
20	64QAM	50	50	20.03	20.10	20.02		
20	64QAM	100	0	19.80	19.94	19.89		
20	256QAM	1	0	17.87	18.00	17.89	19.5	5
20	256QAM	1	49	17.81	17.95	17.84		
20	256QAM	1	99	17.76	17.90	17.81		
20	256QAM	50	0	17.82	17.85	17.79	19.5	5
20	256QAM	50	24	17.76	17.79	17.84		
20	256QAM	50	50	17.79	17.83	17.78		
20	256QAM	100	0	17.85	17.89	17.83		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.78	22.84	22.93	24.5	0
15	QPSK	1	37	22.84	22.88	22.81		
15	QPSK	1	74	22.79	22.76	22.84		
15	QPSK	36	0	21.91	21.88	21.86	23.5	1
15	QPSK	36	20	21.75	21.84	21.75		
15	QPSK	36	39	21.96	21.81	21.79		
15	QPSK	75	0	21.82	21.78	21.80		
15	16QAM	1	0	21.87	21.97	21.96	23.5	1
15	16QAM	1	37	21.75	21.89	21.88		
15	16QAM	1	74	21.77	21.82	21.81		
15	16QAM	36	0	20.77	20.91	20.83	22.5	2
15	16QAM	36	20	20.79	20.85	20.77		
15	16QAM	36	39	20.75	20.95	20.81		
15	16QAM	75	0	20.80	20.86	20.80		
15	64QAM	1	0	20.91	21.00	20.81	22.5	2
15	64QAM	1	37	20.85	20.91	20.89		
15	64QAM	1	74	20.75	20.96	20.88		
15	64QAM	36	0	19.84	19.98	19.89	21.5	3
15	64QAM	36	20	19.84	19.89	19.79		
15	64QAM	36	39	19.94	19.97	19.90		
15	64QAM	75	0	19.79	19.81	19.79		
15	256QAM	1	0	17.81	17.90	17.82	19.5	5
15	256QAM	1	37	17.76	17.91	17.91		
15	256QAM	1	74	17.81	17.95	17.81		
15	256QAM	36	0	17.78	17.99	17.81	19.5	5
15	256QAM	36	20	17.90	17.86	17.76		
15	256QAM	36	39	17.78	17.84	17.79		
15	256QAM	75	0	17.84	17.92	17.86		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.78	22.84	22.88	24.5	0
10	QPSK	1	25	22.75	22.89	22.81		
10	QPSK	1	49	22.79	22.88	22.77		
10	QPSK	25	0	21.85	21.92	21.87	23.5	1
10	QPSK	25	12	21.76	21.93	21.78		
10	QPSK	25	25	21.90	21.96	21.79		
10	QPSK	50	0	21.78	21.90	21.82		
10	16QAM	1	0	21.92	22.00	21.99	23.5	1
10	16QAM	1	25	21.91	22.02	22.00		
10	16QAM	1	49	21.81	21.92	21.83		
10	16QAM	25	0	20.90	20.99	20.86	22.5	2
10	16QAM	25	12	20.83	20.86	20.78		
10	16QAM	25	25	20.92	20.99	20.87		
10	16QAM	50	0	20.83	20.90	20.90		
10	64QAM	1	0	20.94	21.04	20.96	22.5	2
10	64QAM	1	25	20.92	21.04	20.99		
10	64QAM	1	49	20.92	21.01	21.00		
10	64QAM	25	0	19.88	20.10	19.90	21.5	3
10	64QAM	25	12	19.98	19.99	19.90		
10	64QAM	25	25	20.06	20.15	19.99		
10	64QAM	50	0	19.82	19.92	19.88		
10	256QAM	1	0	17.91	18.06	17.94	19.5	5
10	256QAM	1	25	17.83	18.01	17.91		
10	256QAM	1	49	17.83	17.98	17.97		
10	256QAM	25	0	17.78	17.97	17.86	19.5	5
10	256QAM	25	12	17.83	17.90	17.78		
10	256QAM	25	25	17.85	17.81	17.77		
10	256QAM	50	0	17.82	17.85	17.90		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.81	22.85	22.78	24.5	0
5	QPSK	1	12	22.75	22.83	22.79		
5	QPSK	1	24	22.80	22.75	22.78		
5	QPSK	12	0	21.88	21.88	21.92	23.5	1
5	QPSK	12	7	21.75	21.81	21.82		
5	QPSK	12	13	21.93	21.88	21.83		
5	QPSK	25	0	21.82	21.79	21.77		
5	16QAM	1	0	21.85	21.97	21.95	23.5	1
5	16QAM	1	12	21.84	21.94	21.92		
5	16QAM	1	24	21.77	21.93	21.77		
5	16QAM	12	0	20.82	20.89	20.87	22.5	2
5	16QAM	12	7	20.85	20.82	20.79		
5	16QAM	12	13	20.76	20.96	20.85		
5	16QAM	25	0	20.78	20.78	20.75		
5	64QAM	1	0	20.82	21.00	20.82	22.5	2
5	64QAM	1	12	20.90	20.89	20.89		
5	64QAM	1	24	20.75	20.89	20.89		
5	64QAM	12	0	19.78	19.95	19.84	21.5	3
5	64QAM	12	7	19.81	19.89	19.77		
5	64QAM	12	13	19.91	20.03	19.94		
5	64QAM	25	0	19.75	19.94	19.83		
5	256QAM	1	0	17.82	17.93	17.77	19.5	5
5	256QAM	1	12	17.83	17.90	17.89		
5	256QAM	1	24	17.79	17.93	17.85		
5	256QAM	12	0	17.78	17.90	17.79	19.5	5
5	256QAM	12	7	17.84	17.91	17.78		
5	256QAM	12	13	17.83	17.82	17.76		
5	256QAM	25	0	17.83	17.94	17.85		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.75	22.83	22.83	24.5	0
3	QPSK	1	8	22.80	22.83	22.81		
3	QPSK	1	14	22.81	22.77	22.83		
3	QPSK	8	0	21.91	21.81	21.89	23.5	1
3	QPSK	8	4	21.83	21.77	21.82		
3	QPSK	8	7	21.93	21.89	21.86		
3	QPSK	15	0	21.94	21.80	21.84		
3	16QAM	1	0	21.86	22.01	21.98	23.5	1
3	16QAM	1	8	21.84	21.91	21.81		
3	16QAM	1	14	21.80	21.85	21.77		
3	16QAM	8	0	20.84	20.91	20.86	22.5	2
3	16QAM	8	4	20.79	20.75	20.79		
3	16QAM	8	7	20.84	20.91	20.84		
3	16QAM	15	0	20.80	20.77	20.82		
3	64QAM	1	0	20.81	20.97	20.93	22.5	2
3	64QAM	1	8	20.87	20.96	20.85		
3	64QAM	1	14	20.84	20.87	20.83		
3	64QAM	8	0	19.75	20.00	19.88	21.5	3
3	64QAM	8	4	19.88	19.93	19.77		
3	64QAM	8	7	19.89	20.01	19.87		
3	64QAM	15	0	19.77	19.85	19.82		
3	256QAM	1	0	17.82	17.96	17.78	19.5	5
3	256QAM	1	8	17.79	17.92	17.86		
3	256QAM	1	14	17.80	17.86	17.85		
3	256QAM	8	0	17.86	17.99	17.83	19.5	5
3	256QAM	8	4	17.88	17.87	17.80		
3	256QAM	8	7	17.79	17.81	17.77		
3	256QAM	15	0	17.92	17.94	17.81		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.83	22.91	22.85	24.5	0
1.4	QPSK	1	3	22.85	22.85	22.79		
1.4	QPSK	1	5	22.80	22.84	22.82		
1.4	QPSK	3	0	22.85	22.90	22.85		
1.4	QPSK	3	1	22.83	22.81	22.78		
1.4	QPSK	3	3	22.93	22.86	22.84		
1.4	QPSK	6	0	21.80	21.83	21.75	23.5	1
1.4	16QAM	1	0	21.99	22.01	21.97	23.5	1
1.4	16QAM	1	3	21.89	21.89	22.00		
1.4	16QAM	1	5	21.90	21.83	21.90		
1.4	16QAM	3	0	21.91	21.88	21.87		
1.4	16QAM	3	1	21.75	21.84	21.80		
1.4	16QAM	3	3	21.83	21.86	21.89		
1.4	16QAM	6	0	20.89	20.78	20.93	22.5	2
1.4	64QAM	1	0	21.01	21.03	20.92	22.5	2
1.4	64QAM	1	3	21.02	20.89	20.90		
1.4	64QAM	1	5	20.88	20.96	20.93		
1.4	64QAM	3	0	20.84	20.97	20.88		
1.4	64QAM	3	1	20.94	20.87	20.98		
1.4	64QAM	3	3	21.07	21.04	21.09		
1.4	64QAM	6	0	19.84	19.81	19.93	21.5	3
1.4	256QAM	1	0	17.93	17.88	17.96	19.5	5
1.4	256QAM	1	3	17.85	17.88	17.83		
1.4	256QAM	1	5	17.81	17.77	17.86		
1.4	256QAM	3	0	17.84	17.81	17.85		
1.4	256QAM	3	1	17.83	17.76	17.80		
1.4	256QAM	3	3	17.81	17.83	17.77		
1.4	256QAM	6	0	17.84	17.77	17.87	19.5	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	25.01	24.95	25.7	0
10	QPSK	1	25	24.83	24.94	24.91		
10	QPSK	1	49	24.78	24.83	24.74		
10	QPSK	25	0	23.95	24.05	23.92	24.7	1
10	QPSK	25	12	23.89	24.02	23.97		
10	QPSK	25	25	23.86	23.98	23.91		
10	QPSK	50	0	24.00	24.03	23.90		
10	16QAM	1	0	24.00	24.10	23.96	24.7	1
10	16QAM	1	25	23.98	24.04	23.96		
10	16QAM	1	49	23.81	23.94	23.81		
10	16QAM	25	0	23.13	23.17	23.12	23.7	2
10	16QAM	25	12	23.04	23.12	23.06		
10	16QAM	25	25	22.93	23.03	22.88		
10	16QAM	50	0	23.03	23.07	23.03		
10	64QAM	1	0	23.06	23.17	23.03	23.7	2
10	64QAM	1	25	23.03	23.14	23.02		
10	64QAM	1	49	22.94	23.00	22.90		
10	64QAM	25	0	22.08	22.21	22.08	22.7	3
10	64QAM	25	12	22.10	22.21	22.18		
10	64QAM	25	25	21.99	22.11	22.02		
10	64QAM	50	0	22.05	22.12	21.98		
10	256QAM	1	0	19.99	20.14	20.01	20.7	5
10	256QAM	1	25	19.96	20.08	19.96		
10	256QAM	1	49	19.88	20.00	19.89		
10	256QAM	25	0	20.01	20.05	20.02	20.7	5
10	256QAM	25	12	19.93	20.00	19.93		
10	256QAM	25	25	19.92	19.96	19.89		
10	256QAM	50	0	19.90	19.99	19.93		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	24.84	24.96	24.83	25.7	0
5	QPSK	1	12	24.80	24.80	24.88		
5	QPSK	1	24	24.69	24.72	24.62		
5	QPSK	12	0	23.92	23.99	23.82	24.7	1
5	QPSK	12	7	23.78	23.97	23.94		
5	QPSK	12	13	23.78	23.93	23.87		
5	QPSK	25	0	23.86	23.97	23.82		
5	16QAM	1	0	23.96	24.07	23.88	24.7	1
5	16QAM	1	12	23.88	23.93	23.82		
5	16QAM	1	24	23.69	23.89	23.74		
5	16QAM	12	0	23.00	23.11	22.99	23.7	2
5	16QAM	12	7	22.96	23.02	23.01		
5	16QAM	12	13	22.84	22.99	22.84		
5	16QAM	25	0	22.96	22.98	22.91		
5	64QAM	1	0	22.94	23.09	22.93	23.7	2
5	64QAM	1	12	22.94	23.04	22.97		
5	64QAM	1	24	22.88	22.89	22.83		
5	64QAM	12	0	22.02	22.07	21.96	22.7	3
5	64QAM	12	7	21.96	22.13	22.05		
5	64QAM	12	13	21.94	21.97	21.93		
5	64QAM	25	0	21.91	22.06	21.92		
5	256QAM	1	0	19.93	20.05	19.89	20.7	5
5	256QAM	1	12	19.84	19.98	19.84		
5	256QAM	1	24	19.78	19.97	19.75		
5	256QAM	12	0	19.94	19.98	19.96	20.7	5
5	256QAM	12	7	19.84	19.98	19.80		
5	256QAM	12	13	19.75	19.89	19.86		
5	256QAM	25	0	19.78	19.85	19.87		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				823.5	836.5	847.5		
3	QPSK	1	0	24.85	24.91	24.91	25.7	0
3	QPSK	1	8	24.69	24.81	24.83		
3	QPSK	1	14	24.63	24.79	24.64		
3	QPSK	8	0	23.88	23.90	23.85	24.7	1
3	QPSK	8	4	23.81	23.90	23.83		
3	QPSK	8	7	23.80	23.92	23.78		
3	QPSK	15	0	23.87	23.88	23.76		
3	16QAM	1	0	23.88	24.06	23.87	24.7	1
3	16QAM	1	8	23.91	23.91	23.86		
3	16QAM	1	14	23.68	23.86	23.77		
3	16QAM	8	0	23.05	23.06	23.05	23.7	2
3	16QAM	8	4	22.97	23.00	22.96		
3	16QAM	8	7	22.83	22.97	22.82		
3	16QAM	15	0	22.92	22.96	22.93		
3	64QAM	1	0	22.92	23.11	22.96	23.7	2
3	64QAM	1	8	22.97	23.08	22.90		
3	64QAM	1	14	22.89	22.88	22.75		
3	64QAM	8	0	22.01	22.07	21.97	22.7	3
3	64QAM	8	4	22.05	22.08	22.05		
3	64QAM	8	7	21.95	22.01	21.90		
3	64QAM	15	0	21.95	21.99	21.95		
3	256QAM	1	0	19.87	20.06	19.97	20.7	5
3	256QAM	1	8	19.90	20.00	19.85		
3	256QAM	1	14	19.79	19.94	19.85		
3	256QAM	8	0	19.95	20.02	19.95	20.7	5
3	256QAM	8	4	19.85	19.92	19.86		
3	256QAM	8	7	19.76	19.84	19.76		
3	256QAM	15	0	19.85	19.95	19.83		
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	24.93	24.85	25.7	0
1.4	QPSK	1	3	24.72	24.91	24.82		
1.4	QPSK	1	5	24.74	24.77	24.64		
1.4	QPSK	3	0	24.82	24.96	24.88		
1.4	QPSK	3	1	24.80	24.93	24.93		
1.4	QPSK	3	3	24.80	24.91	24.88		
1.4	QPSK	6	0	23.94	23.98	23.84	24.7	1
1.4	16QAM	1	0	23.94	24.02	23.92	24.7	1
1.4	16QAM	1	3	23.88	23.91	23.85		
1.4	16QAM	1	5	23.75	23.89	23.71		
1.4	16QAM	3	0	24.05	24.13	24.05		
1.4	16QAM	3	1	23.96	24.08	23.97		
1.4	16QAM	3	3	23.80	24.00	23.79		
1.4	16QAM	6	0	22.95	23.00	22.95	23.7	2
1.4	64QAM	1	0	22.98	23.07	22.99	23.7	2
1.4	64QAM	1	3	22.93	23.01	22.95		
1.4	64QAM	1	5	22.94	22.91	22.77		
1.4	64QAM	3	0	22.97	23.08	23.00		
1.4	64QAM	3	1	22.98	23.13	23.07		
1.4	64QAM	3	3	22.94	23.01	22.87		
1.4	64QAM	6	0	22.00	22.08	21.92	22.7	3
1.4	256QAM	1	0	19.95	20.02	19.92	20.7	5
1.4	256QAM	1	3	19.90	19.97	19.84		
1.4	256QAM	1	5	19.81	19.88	19.85		
1.4	256QAM	3	0	19.91	19.90	19.90		
1.4	256QAM	3	1	19.88	19.89	19.88		
1.4	256QAM	3	3	19.75	19.88	19.79		
1.4	256QAM	6	0	19.79	19.87	19.88	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	23.13	23.21	23.18	24.5	0
20	QPSK	1	49	23.11	23.20	23.15		
20	QPSK	25	99	22.93	23.01	22.95		
20	QPSK	50	0	22.07	22.17	22.11	23.5	1
20	QPSK	50	24	22.10	22.14	22.03		
20	QPSK	50	50	21.98	22.09	22.06		
20	QPSK	100	0	22.00	22.08	22.04		
20	16QAM	1	0	22.31	22.40	22.31	23.5	1
20	16QAM	1	49	22.20	22.28	22.20		
20	16QAM	1	99	22.24	22.30	22.25		
20	16QAM	50	0	21.16	21.20	21.11	22.5	2
20	16QAM	50	24	20.96	21.07	20.97		
20	16QAM	50	50	20.99	21.07	21.03		
20	16QAM	100	0	20.99	21.14	21.06		
20	64QAM	1	0	21.12	21.26	21.17	22.5	2
20	64QAM	1	49	21.04	21.12	21.01		
20	64QAM	1	99	20.98	21.11	21.02		
20	64QAM	50	0	20.15	20.22	20.16	21.5	3
20	64QAM	50	24	20.00	20.10	19.96		
20	64QAM	50	50	20.05	20.09	19.95		
20	64QAM	100	0	20.12	20.17	20.06		
20	256QAM	1	0	18.11	18.16	18.08	19.5	5
20	256QAM	1	49	17.93	18.02	17.88		
20	256QAM	1	99	17.93	18.01	17.97		
20	256QAM	50	0	18.18	18.27	18.19	19.5	5
20	256QAM	50	24	18.11	18.23	18.18		
20	256QAM	50	50	18.09	18.15	18.01		
20	256QAM	100	0	18.14	18.18	18.09		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	22.99	23.14	23.11	24.5	0
15	QPSK	1	37	23.01	23.14	23.06		
15	QPSK	1	74	22.81	22.94	22.82		
15	QPSK	36	0	21.97	22.03	22.02	23.5	1
15	QPSK	36	20	22.03	22.10	21.97		
15	QPSK	36	39	21.87	21.97	22.03		
15	QPSK	75	0	21.93	22.03	21.99		
15	16QAM	1	0	22.19	22.30	22.23	23.5	1
15	16QAM	1	37	22.05	22.19	22.12		
15	16QAM	1	74	22.17	22.23	22.10		
15	16QAM	36	0	21.08	21.17	20.99	22.5	2
15	16QAM	36	20	20.91	20.97	20.86		
15	16QAM	36	39	20.93	21.02	20.96		
15	16QAM	75	0	20.91	21.07	21.01		
15	64QAM	1	0	21.08	21.21	21.11	22.5	2
15	64QAM	1	37	20.91	21.06	20.93		
15	64QAM	1	74	20.86	21.05	20.95		
15	64QAM	36	0	20.09	20.10	20.05	21.5	3
15	64QAM	36	20	19.89	19.97	19.88		
15	64QAM	36	39	19.99	20.06	19.82		
15	64QAM	75	0	20.05	20.11	19.99		
15	256QAM	1	0	17.97	18.11	18.04	19.5	5
15	256QAM	1	37	17.81	17.92	17.80		
15	256QAM	1	74	17.83	17.86	17.94		
15	256QAM	36	0	18.06	18.21	18.12	19.5	5
15	256QAM	36	20	18.03	18.10	18.13		
15	256QAM	36	39	17.97	18.04	17.94		
15	256QAM	75	0	18.04	18.13	17.99		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	23.03	23.16	23.10	24.5	0
10	QPSK	1	25	23.00	23.12	23.02		
10	QPSK	1	49	22.81	22.92	22.88		
10	QPSK	25	0	22.00	22.03	22.03	23.5	1
10	QPSK	25	12	21.99	22.03	21.93		
10	QPSK	25	25	21.89	22.03	21.94		
10	QPSK	50	0	21.98	21.94	22.00		
10	16QAM	1	0	22.16	22.29	22.22	23.5	1
10	16QAM	1	25	22.07	22.16	22.09		
10	16QAM	1	49	22.14	22.20	22.15		
10	16QAM	25	0	21.03	21.08	21.07	22.5	2
10	16QAM	25	12	20.90	20.96	20.90		
10	16QAM	25	25	20.88	20.97	20.96		
10	16QAM	50	0	20.96	21.02	20.95		
10	64QAM	1	0	21.08	21.20	21.11	22.5	2
10	64QAM	1	25	20.96	21.08	20.88		
10	64QAM	1	49	20.94	21.08	20.92		
10	64QAM	25	0	20.07	20.14	20.01	21.5	3
10	64QAM	25	12	19.93	19.99	19.91		
10	64QAM	25	25	20.02	19.98	19.85		
10	64QAM	50	0	20.03	20.14	20.03		
10	256QAM	1	0	18.08	18.07	17.97	19.5	5
10	256QAM	1	25	17.84	17.90	17.83		
10	256QAM	1	49	17.78	17.97	17.92		
10	256QAM	25	0	18.04	18.12	18.08	19.5	5
10	256QAM	25	12	17.97	18.10	18.12		
10	256QAM	25	25	18.04	18.05	17.92		
10	256QAM	50	0	18.07	18.06	18.01		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	23.00	23.14	23.12	24.5	0
5	QPSK	1	12	23.00	23.16	23.02		
5	QPSK	1	24	22.85	22.94	22.90		
5	QPSK	12	0	21.98	22.11	22.01	23.5	1
5	QPSK	12	7	22.01	22.06	21.94		
5	QPSK	12	13	21.93	22.00	22.02		
5	QPSK	25	0	21.96	21.99	21.96		
5	16QAM	1	0	22.28	22.31	22.19	23.5	1
5	16QAM	1	12	22.11	22.24	22.15		
5	16QAM	1	24	22.18	22.15	22.21		
5	16QAM	12	0	21.06	21.15	21.04	22.5	2
5	16QAM	12	7	20.85	21.00	20.88		
5	16QAM	12	13	20.90	20.96	20.93		
5	16QAM	25	0	20.91	21.03	20.93		
5	64QAM	1	0	20.97	21.14	21.13	22.5	2
5	64QAM	1	12	20.89	21.09	20.89		
5	64QAM	1	24	20.93	21.03	20.96		
5	64QAM	12	0	20.04	20.18	20.02	21.5	3
5	64QAM	12	7	19.87	20.03	19.89		
5	64QAM	12	13	19.92	20.00	19.89		
5	64QAM	25	0	20.04	20.13	19.96		
5	256QAM	1	0	18.00	18.08	17.94	19.5	5
5	256QAM	1	12	17.80	17.92	17.83		
5	256QAM	1	24	17.89	17.96	17.82		
5	256QAM	12	0	18.05	18.23	18.05	19.5	5
5	256QAM	12	7	18.05	18.17	18.05		
5	256QAM	12	13	18.00	18.07	17.88		
5	256QAM	25	0	17.99	18.04	18.01		

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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				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	22.95	23.02	22.88	24.5	0
20	QPSK	1	49	22.80	22.84	22.76		
20	QPSK	1	99	22.82	22.96	22.83		
20	QPSK	50	0	21.90	21.99	21.91	23.5	1
20	QPSK	50	24	21.77	21.91	21.79		
20	QPSK	50	50	21.86	21.93	21.70		
20	QPSK	100	0	21.92	21.97	21.86		
20	16QAM	1	0	22.03	22.06	22.01	23.5	1
20	16QAM	1	49	21.78	21.89	21.78		
20	16QAM	1	99	21.88	22.01	21.98		
20	16QAM	50	0	20.91	21.04	20.98	22.5	2
20	16QAM	50	24	20.92	21.01	20.97		
20	16QAM	50	50	20.87	20.97	20.84		
20	16QAM	100	0	20.96	21.06	21.01		
20	64QAM	1	0	20.99	21.07	21.01	22.5	2
20	64QAM	1	49	20.79	20.93	20.79		
20	64QAM	1	99	20.97	21.12	21.02		
20	64QAM	50	0	19.92	20.00	19.90	21.5	3
20	64QAM	50	24	20.01	20.06	19.97		
20	64QAM	50	50	19.91	20.05	19.97		
20	64QAM	100	0	20.01	20.07	19.94		
20	256QAM	1	0	17.92	18.05	17.94	19.5	5
20	256QAM	1	49	17.82	17.93	17.88		
20	256QAM	1	99	17.85	17.92	17.81		
20	256QAM	50	0	17.80	17.91	17.86	19.5	5
20	256QAM	50	24	17.92	17.78	17.80		
20	256QAM	50	50	17.84	17.86	17.75		
20	256QAM	100	0	17.84	17.96	17.92		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	22.83	22.91	22.85	24.5	0
15	QPSK	1	37	22.78	22.83	22.76		
15	QPSK	1	74	22.83	22.94	22.88		
15	QPSK	36	0	21.81	21.91	21.81	23.5	1
15	QPSK	36	20	21.77	21.84	21.76		
15	QPSK	36	39	21.79	21.84	21.78		
15	QPSK	75	0	21.77	21.91	21.75		
15	16QAM	1	0	21.90	21.97	21.89	23.5	1
15	16QAM	1	37	21.79	21.91	21.76		
15	16QAM	1	74	21.83	21.88	21.90		
15	16QAM	36	0	20.77	20.91	20.89	22.5	2
15	16QAM	36	20	20.87	20.88	20.86		
15	16QAM	36	39	20.80	20.83	20.78		
15	16QAM	75	0	20.83	20.96	20.96		
15	64QAM	1	0	20.90	21.02	20.90	22.5	2
15	64QAM	1	37	20.79	20.95	20.75		
15	64QAM	1	74	20.82	21.08	20.91		
15	64QAM	36	0	19.77	19.96	19.87	21.5	3
15	64QAM	36	20	19.98	19.94	19.94		
15	64QAM	36	39	19.78	20.02	19.88		
15	64QAM	75	0	19.95	19.99	19.81		
15	256QAM	1	0	17.92	18.00	17.93	19.5	5
15	256QAM	1	37	17.86	17.92	17.85		
15	256QAM	1	74	17.83	17.89	17.76		
15	256QAM	36	0	17.77	17.86	17.90	19.5	5
15	256QAM	36	20	17.90	17.76	17.83		
15	256QAM	36	39	17.89	17.90	17.90		
15	256QAM	75	0	17.84	17.92	17.97		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	22.80	22.95	22.81	24.5	0
10	QPSK	1	25	22.77	22.81	22.76		
10	QPSK	1	49	22.84	22.99	22.83		
10	QPSK	25	0	21.77	21.88	21.82	23.5	1
10	QPSK	25	12	21.76	21.97	21.76		
10	QPSK	25	25	21.91	21.90	21.76		
10	QPSK	50	0	21.88	21.82	21.78		
10	16QAM	1	0	21.91	22.02	21.92	23.5	1
10	16QAM	1	25	21.84	21.85	21.75		
10	16QAM	1	49	21.85	21.95	21.89		
10	16QAM	25	0	20.76	20.94	20.85	22.5	2
10	16QAM	25	12	20.84	20.90	20.93		
10	16QAM	25	25	20.76	20.82	20.80		
10	16QAM	50	0	20.87	20.95	20.86		
10	64QAM	1	0	20.95	20.97	20.92	22.5	2
10	64QAM	1	25	20.80	20.82	20.76		
10	64QAM	1	49	20.90	20.98	20.89		
10	64QAM	25	0	19.79	19.91	19.85	21.5	3
10	64QAM	25	12	19.90	20.00	19.84		
10	64QAM	25	25	19.78	19.91	19.83		
10	64QAM	50	0	19.94	20.02	19.87		
10	256QAM	1	0	17.87	18.04	17.92	19.5	5
10	256QAM	1	25	17.79	17.96	17.90		
10	256QAM	1	49	17.84	17.96	17.78		
10	256QAM	25	0	17.83	17.90	17.88	19.5	5
10	256QAM	25	12	17.77	17.83	17.97		
10	256QAM	25	25	17.85	17.84	17.78		
10	256QAM	50	0	17.88	17.96	17.96		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	22.84	22.94	22.84	24.5	0
5	QPSK	1	12	22.84	22.81	22.79		
5	QPSK	1	24	22.87	22.93	22.88		
5	QPSK	12	0	21.94	21.98	21.86	23.5	1
5	QPSK	12	7	21.78	21.86	21.76		
5	QPSK	12	13	21.89	21.88	21.76		
5	QPSK	25	0	21.98	21.96	21.88		
5	16QAM	1	0	22.03	22.02	22.01	23.5	1
5	16QAM	1	12	21.78	21.91	21.83		
5	16QAM	1	24	21.91	22.02	21.97		
5	16QAM	12	0	20.88	21.08	20.97	22.5	2
5	16QAM	12	7	20.95	20.98	20.93		
5	16QAM	12	13	20.89	20.97	20.87		
5	16QAM	25	0	21.00	21.08	20.97		
5	64QAM	1	0	21.01	21.13	20.96	22.5	2
5	64QAM	1	12	20.75	20.91	20.83		
5	64QAM	1	24	20.84	21.00	20.89		
5	64QAM	12	0	19.87	19.90	19.86	21.5	3
5	64QAM	12	7	19.87	20.03	19.88		
5	64QAM	12	13	19.84	19.92	19.88		
5	64QAM	25	0	19.96	19.93	19.90		
5	256QAM	1	0	17.94	18.06	18.00	19.5	5
5	256QAM	1	12	17.79	17.92	17.89		
5	256QAM	1	24	17.86	17.88	17.81		
5	256QAM	12	0	17.77	17.88	17.89	19.5	5
5	256QAM	12	7	17.77	17.77	17.78		
5	256QAM	12	13	17.99	17.91	17.94		
5	256QAM	25	0	17.85	17.93	17.94		
Channel				131972	132322	132672	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	22.85	22.93	22.78	24.5	0
3	QPSK	1	8	22.86	22.86	22.81		
3	QPSK	1	14	22.84	22.96	22.83		
3	QPSK	8	0	21.96	21.95	21.88	23.5	1
3	QPSK	8	4	21.82	21.89	21.83		
3	QPSK	8	7	21.82	21.88	21.77		
3	QPSK	15	0	21.98	21.97	21.85		
3	16QAM	1	0	22.08	22.03	22.02	23.5	1
3	16QAM	1	8	21.80	21.95	21.79		
3	16QAM	1	14	21.90	22.01	21.94		
3	16QAM	8	0	20.88	21.03	20.94	22.5	2
3	16QAM	8	4	20.94	21.07	20.99		
3	16QAM	8	7	20.85	20.98	20.82		
3	16QAM	15	0	20.83	20.93	20.87		
3	64QAM	1	0	20.90	21.00	20.97	22.5	2
3	64QAM	1	8	20.76	20.79	20.76		
3	64QAM	1	14	20.87	21.03	20.95		
3	64QAM	8	0	19.83	19.87	19.79	21.5	3
3	64QAM	8	4	19.96	19.97	19.87		
3	64QAM	8	7	19.85	19.98	19.90		
3	64QAM	15	0	19.94	19.94	19.90		
3	256QAM	1	0	17.95	18.09	17.92	19.5	5
3	256QAM	1	8	17.79	17.88	17.83		
3	256QAM	1	14	17.82	17.97	17.85		
3	256QAM	8	0	17.81	17.92	17.90	19.5	5
3	256QAM	8	4	17.87	17.84	17.82		
3	256QAM	8	7	17.79	17.88	17.76		
3	256QAM	15	0	17.85	17.98	17.89		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	22.86	22.97	22.82	24.5	0
1.4	QPSK	1	3	22.81	22.79	22.77		
1.4	QPSK	1	5	22.87	22.92	22.84		
1.4	QPSK	3	0	22.78	22.86	22.80		
1.4	QPSK	3	1	22.82	22.92	22.79		
1.4	QPSK	3	3	22.91	22.92	22.80		
1.4	QPSK	6	0	21.85	21.92	21.83	23.5	1
1.4	16QAM	1	0	21.89	21.91	21.95	23.5	1
1.4	16QAM	1	3	21.79	21.91	21.83		
1.4	16QAM	1	5	21.77	21.90	21.89		
1.4	16QAM	3	0	21.82	21.96	21.94		
1.4	16QAM	3	1	21.87	21.86	21.85		
1.4	16QAM	3	3	21.82	21.87	21.84		
1.4	16QAM	6	0	20.90	20.92	20.89	22.5	2
1.4	64QAM	1	0	20.86	20.95	20.86	22.5	2
1.4	64QAM	1	3	20.75	20.94	20.80		
1.4	64QAM	1	5	20.84	21.05	20.87		
1.4	64QAM	3	0	20.81	20.97	20.76		
1.4	64QAM	3	1	20.88	21.02	20.83		
1.4	64QAM	3	3	20.84	20.97	20.85		
1.4	64QAM	6	0	19.86	20.01	19.79	21.5	3
1.4	256QAM	1	0	17.94	18.02	17.96	19.5	5
1.4	256QAM	1	3	17.82	17.93	17.84		
1.4	256QAM	1	5	17.83	17.95	17.83		
1.4	256QAM	3	0	17.81	17.90	17.83		
1.4	256QAM	3	1	17.81	17.85	17.80		
1.4	256QAM	3	3	17.81	17.99	17.88		
1.4	256QAM	6	0	17.84	17.94	17.97	19.5	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	22.58	22.67	22.64	24	0
20	QPSK	1	49	22.52	22.64	22.57		
20	QPSK	1	99	22.55	22.66	22.53		
20	QPSK	50	0	21.71	21.77	21.72	23	1
20	QPSK	50	24	21.66	21.71	21.60		
20	QPSK	50	50	21.61	21.64	21.55		
20	QPSK	100	0	21.65	21.69	21.62		
20	16QAM	1	0	21.59	21.70	21.63	23	1
20	16QAM	1	49	21.57	21.69	21.63		
20	16QAM	1	99	21.55	21.66	21.60		
20	16QAM	50	0	20.71	20.84	20.70	22	2
20	16QAM	50	24	20.65	20.74	20.64		
20	16QAM	50	50	20.60	20.70	20.59		
20	16QAM	100	0	20.58	20.67	20.55		
20	64QAM	1	0	20.61	20.73	20.63	22	2
20	64QAM	1	49	20.53	20.68	20.54		
20	64QAM	1	99	20.58	20.67	20.61		
20	64QAM	50	0	19.75	19.87	19.82	21	3
20	64QAM	50	24	19.67	19.79	19.69		
20	64QAM	50	50	19.67	19.78	19.64		
20	64QAM	100	0	19.54	19.64	19.54		
20	256QAM	1	0	17.63	17.77	17.68	19	5
20	256QAM	1	49	17.55	17.65	17.60		
20	256QAM	1	99	17.58	17.67	17.60		
20	256QAM	50	0	17.79	17.89	17.77	19	5
20	256QAM	50	24	17.67	17.76	17.72		
20	256QAM	50	50	17.70	17.78	17.73		
20	256QAM	100	0	17.74	17.84	17.71		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.50	22.61	22.52	24	0
15	QPSK	1	37	22.40	22.57	22.47		
15	QPSK	1	74	22.43	22.55	22.44		
15	QPSK	36	0	21.56	21.66	21.63	23	1
15	QPSK	36	20	21.59	21.63	21.50		
15	QPSK	36	39	21.50	21.51	21.41		
15	QPSK	75	0	21.58	21.59	21.52		
15	16QAM	1	0	21.53	21.64	21.52	23	1
15	16QAM	1	37	21.48	21.65	21.55		
15	16QAM	1	74	21.47	21.59	21.46		
15	16QAM	36	0	20.64	20.74	20.57	22	2
15	16QAM	36	20	20.52	20.66	20.52		
15	16QAM	36	39	20.52	20.58	20.53		
15	16QAM	75	0	20.53	20.56	20.50		
15	64QAM	1	0	20.57	20.60	20.58	22	2
15	64QAM	1	37	20.42	20.56	20.46		
15	64QAM	1	74	20.43	20.58	20.52		
15	64QAM	36	0	19.66	19.76	19.67	21	3
15	64QAM	36	20	19.53	19.69	19.58		
15	64QAM	36	39	19.56	19.64	19.58		
15	64QAM	75	0	19.41	19.54	19.39		
15	256QAM	1	0	17.66	17.79	17.69	19	5
15	256QAM	1	37	17.51	17.65	17.54		
15	256QAM	1	74	17.52	17.71	17.64		
15	256QAM	36	0	17.81	17.88	17.83	19	5
15	256QAM	36	20	17.69	17.77	17.75		
15	256QAM	36	39	17.64	17.80	17.69		
15	256QAM	75	0	17.70	17.81	17.73		
Channel				37600	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.45	22.56	22.52	24	0
10	QPSK	1	25	22.45	22.58	22.48		
10	QPSK	1	49	22.42	22.55	22.45		
10	QPSK	25	0	21.61	21.66	21.64	23	1
10	QPSK	25	12	21.63	21.60	21.55		
10	QPSK	25	25	21.56	21.49	21.48		
10	QPSK	50	0	21.59	21.63	21.48		
10	16QAM	1	0	21.52	21.62	21.51	23	1
10	16QAM	1	25	21.48	21.60	21.53		
10	16QAM	1	49	21.51	21.55	21.54		
10	16QAM	25	0	20.66	20.73	20.62	22	2
10	16QAM	25	12	20.50	20.66	20.58		
10	16QAM	25	25	20.56	20.57	20.47		
10	16QAM	50	0	20.52	20.59	20.47		
10	64QAM	1	0	20.48	20.70	20.58	22	2
10	64QAM	1	25	20.41	20.62	20.49		
10	64QAM	1	49	20.47	20.56	20.54		
10	64QAM	25	0	19.64	19.74	19.78	21	3
10	64QAM	25	12	19.61	19.70	19.60		
10	64QAM	25	25	19.61	19.64	19.52		
10	64QAM	50	0	19.42	19.55	19.42		
10	256QAM	1	0	17.58	17.73	17.67	19	5
10	256QAM	1	25	17.60	17.62	17.61		
10	256QAM	1	49	17.55	17.66	17.57		
10	256QAM	25	0	17.76	17.86	17.73	19	5
10	256QAM	25	12	17.70	17.72	17.70		
10	256QAM	25	25	17.74	17.87	17.69		
10	256QAM	50	0	17.74	17.87	17.67		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.45	22.56	22.52	24	0
5	QPSK	1	12	22.48	22.58	22.42		
5	QPSK	1	24	22.50	22.60	22.48		
5	QPSK	12	0	21.64	21.67	21.68	23	1
5	QPSK	12	7	21.52	21.66	21.49		
5	QPSK	12	13	21.48	21.60	21.50		
5	QPSK	25	0	21.53	21.63	21.59		
5	16QAM	1	0	21.45	21.67	21.57	23	1
5	16QAM	1	12	21.43	21.58	21.51		
5	16QAM	1	24	21.49	21.63	21.49		
5	16QAM	12	0	20.65	20.75	20.66	22	2
5	16QAM	12	7	20.61	20.65	20.55		
5	16QAM	12	13	20.48	20.62	20.53		
5	16QAM	25	0	20.44	20.61	20.40		
5	64QAM	1	0	20.50	20.65	20.52	22	2
5	64QAM	1	12	20.41	20.58	20.45		
5	64QAM	1	24	20.54	20.62	20.49		
5	64QAM	12	0	19.64	19.74	19.77	21	3
5	64QAM	12	7	19.57	19.73	19.65		
5	64QAM	12	13	19.61	19.67	19.53		
5	64QAM	25	0	19.51	19.49	19.50		
5	256QAM	1	0	17.64	17.82	17.67	19	5
5	256QAM	1	12	17.50	17.61	17.61		
5	256QAM	1	24	17.64	17.61	17.61		
5	256QAM	12	0	17.85	17.94	17.78	19	5
5	256QAM	12	7	17.66	17.74	17.77		
5	256QAM	12	13	17.71	17.74	17.68		
5	256QAM	25	0	17.79	17.84	17.70		

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	22.85	22.72	22.93	22.81	22.76	24.5	0
20	QPSK	1	49	22.83	22.81	22.86	22.80	22.74		
20	QPSK	1	99	22.65	22.64	22.75	22.70	22.68		
20	QPSK	50	0	21.77	21.84	21.88	21.80	21.85	23.5	1
20	QPSK	50	24	21.71	21.87	21.78	21.64	21.71		
20	QPSK	50	50	21.69	21.77	21.81	21.68	21.74		
20	QPSK	100	0	21.70	21.75	21.84	21.75	21.75		
20	16QAM	1	0	21.91	21.91	21.95	21.88	21.94	23.5	1
20	16QAM	1	49	21.70	21.70	21.83	21.77	21.69		
20	16QAM	1	99	21.71	21.68	21.80	21.67	21.76		
20	16QAM	50	0	20.86	20.78	20.91	20.83	20.87	22.5	2
20	16QAM	50	24	20.74	20.67	20.78	20.74	20.68		
20	16QAM	50	50	20.66	20.75	20.79	20.67	20.64		
20	16QAM	100	0	20.83	20.76	20.89	20.84	20.84		
20	64QAM	1	0	20.89	20.92	20.95	20.86	20.82	22.5	2
20	64QAM	1	49	20.80	20.83	20.87	20.74	20.83		
20	64QAM	1	99	20.72	20.76	20.79	20.65	20.70		
20	64QAM	50	0	19.83	19.90	19.97	19.91	19.86	21.5	3
20	64QAM	50	24	19.69	19.70	19.76	19.67	19.66		
20	64QAM	50	50	19.74	19.72	19.80	19.69	19.66		
20	64QAM	100	0	19.80	19.73	19.86	19.76	19.81		
20	256QAM	1	0	17.79	17.76	17.84	17.74	17.69	19.5	5
20	256QAM	1	49	17.65	17.67	17.72	17.65	17.68		
20	256QAM	1	99	17.68	17.67	17.76	17.65	17.64		
20	256QAM	50	0	17.77	17.77	17.89	17.83	17.82	19.5	5
20	256QAM	50	24	17.69	17.74	17.82	17.78	17.69		
20	256QAM	50	50	17.69	17.71	17.76	17.69	17.75		
20	256QAM	100	0	17.82	17.71	17.86	17.71	17.82		
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	22.77	22.68	22.87	22.76	22.73	25	0
15	QPSK	1	37	22.74	22.74	22.78	22.68	22.63		
15	QPSK	1	74	22.61	22.60	22.62	22.56	22.53		
15	QPSK	36	0	21.63	21.76	21.75	21.74	21.80	23.5	1
15	QPSK	36	20	21.59	21.54	21.68	21.54	21.63		
15	QPSK	36	39	21.65	21.67	21.71	21.60	21.63		
15	QPSK	75	0	21.60	21.68	21.75	21.65	21.61		
15	16QAM	1	0	21.85	21.80	21.82	21.81	21.75	23.5	1
15	16QAM	1	37	21.56	21.63	21.71	21.67	21.57		
15	16QAM	1	74	21.60	21.62	21.69	21.56	21.64		
15	16QAM	36	0	20.78	20.73	20.85	20.73	20.75	22.5	2
15	16QAM	36	20	20.68	20.60	20.66	20.65	20.58		
15	16QAM	36	39	20.55	20.61	20.66	20.62	20.57		
15	16QAM	75	0	20.69	20.71	20.76	20.80	20.70		
15	64QAM	1	0	20.82	20.84	20.86	20.77	20.74	22.5	2
15	64QAM	1	37	20.68	20.70	20.79	20.66	20.74		
15	64QAM	1	74	20.61	20.64	20.68	20.53	20.62		
15	64QAM	36	0	19.78	19.77	19.83	19.85	19.74	21.5	3
15	64QAM	36	20	19.54	19.62	19.65	19.57	19.61		
15	64QAM	36	39	19.62	19.58	19.75	19.64	19.53		
15	64QAM	75	0	19.73	19.67	19.80	19.70	19.73		
15	256QAM	1	0	17.68	17.69	17.79	17.61	17.60	19.5	5
15	256QAM	1	37	17.61	17.56	17.62	17.58	17.61		
15	256QAM	1	74	17.62	17.56	17.62	17.55	17.60		
15	256QAM	36	0	17.66	17.72	17.86	17.80	17.68	19.5	5
15	256QAM	36	20	17.60	17.63	17.72	17.66	17.63		
15	256QAM	36	39	17.61	17.64	17.69	17.60	17.69		
15	256QAM	75	0	17.76	17.63	17.83	17.60	17.72		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.74	22.64	22.81	22.77	22.68	24.50	0
10	QPSK	1	25	22.72	22.66	22.75	22.66	22.60		
10	QPSK	1	49	22.56	22.52	22.68	22.56	22.55		
10	QPSK	25	0	21.66	21.73	21.80	21.75	21.73	23.5	1
10	QPSK	25	12	21.69	21.58	21.75	21.51	21.63		
10	QPSK	25	25	21.64	21.62	21.77	21.60	21.66		
10	QPSK	50	0	21.57	21.64	21.69	21.68	21.69		
10	16QAM	1	0	21.78	21.87	21.86	21.83	21.76	23.5	1
10	16QAM	1	25	21.66	21.56	21.79	21.66	21.59		
10	16QAM	1	49	21.59	21.64	21.73	21.62	21.71		
10	16QAM	25	0	20.77	20.65	20.85	20.79	20.75	22.5	2
10	16QAM	25	12	20.62	20.62	20.64	20.65	20.63		
10	16QAM	25	25	20.54	20.62	20.73	20.60	20.59		
10	16QAM	50	0	20.72	20.67	20.76	20.72	20.71		
10	64QAM	1	0	20.79	20.78	20.87	20.82	20.69	22.5	2
10	64QAM	1	25	20.70	20.71	20.81	20.70	20.79		
10	64QAM	1	49	20.68	20.66	20.72	20.56	20.65		
10	64QAM	25	0	19.80	19.76	19.89	19.87	19.77	21.5	3
10	64QAM	25	12	19.63	19.55	19.67	19.57	19.59		
10	64QAM	25	25	19.59	19.58	19.72	19.65	19.62		
10	64QAM	50	0	19.71	19.59	19.77	19.65	19.71		
10	256QAM	1	0	17.74	17.71	17.74	17.63	17.64	19.5	5
10	256QAM	1	25	17.51	17.53	17.68	17.57	17.56		
10	256QAM	1	49	17.62	17.52	17.71	17.58	17.59		
10	256QAM	25	0	17.66	17.65	17.83	17.80	17.75	19.5	5
10	256QAM	25	12	17.60	17.61	17.75	17.72	17.62		
10	256QAM	25	25	17.74	17.68	17.71	17.62	17.71		
10	256QAM	50	0	17.68	17.67	17.73	17.61	17.76		
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	22.79	22.65	22.83	22.70	22.69	24.50	0
5	QPSK	1	12	22.71	22.72	22.78	22.73	22.68		
5	QPSK	1	24	22.60	22.57	22.63	22.67	22.61		
5	QPSK	12	0	21.66	21.76	21.82	21.75	21.75	23.5	1
5	QPSK	12	7	21.67	21.61	21.63	21.57	21.64		
5	QPSK	12	13	21.60	21.63	21.73	21.64	21.63		
5	QPSK	25	0	21.60	21.64	21.77	21.71	21.69		
5	16QAM	1	0	21.88	21.82	21.89	21.77	21.76	23.5	1
5	16QAM	1	12	21.59	21.61	21.78	21.72	21.62		
5	16QAM	1	24	21.65	21.55	21.67	21.55	21.67		
5	16QAM	12	0	20.72	20.66	20.77	20.73	20.72	22.5	2
5	16QAM	12	7	20.67	20.58	20.64	20.70	20.55		
5	16QAM	12	13	20.56	20.69	20.69	20.54	20.60		
5	16QAM	25	0	20.75	20.64	20.84	20.70	20.76	22.5	2
5	64QAM	1	0	20.76	20.77	20.87	20.74	20.74		
5	64QAM	1	12	20.65	20.75	20.75	20.60	20.73		
5	64QAM	1	24	20.68	20.68	20.69	20.52	20.57		
5	64QAM	12	0	19.76	19.79	19.90	19.78	19.81	21.5	3
5	64QAM	12	7	19.55	19.59	19.69	19.55	19.62		
5	64QAM	12	13	19.61	19.61	19.75	19.64	19.53		
5	64QAM	25	0	19.70	19.69	19.78	19.72	19.70		
5	256QAM	1	0	17.71	17.67	17.75	17.69	17.57	19.5	5
5	256QAM	1	12	17.59	17.53	17.60	17.52	17.62		
5	256QAM	1	24	17.60	17.58	17.62	17.57	17.55		
5	256QAM	12	0	17.70	17.68	17.75	17.79	17.76	19.5	5
5	256QAM	12	7	17.65	17.65	17.68	17.72	17.55		
5	256QAM	12	13	17.56	17.68	17.73	17.63	17.63		
5	256QAM	25	0	17.73	17.66	17.79	17.60	17.77		

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	30.54	30.66	30.49	32.40	21.54	21.66	21.49	23.40
GPRS 1 Tx slot	30.62	30.62	30.44	32.40	21.62	21.62	21.44	23.40
GPRS 2 Tx slots	27.44	27.53	27.54	29.40	21.44	21.53	21.54	23.40
GPRS 3 Tx slots	25.72	25.76	25.77	27.60	21.46	21.50	21.51	23.34
GPRS 4 Tx slots	24.44	24.52	24.45	26.40	21.44	21.52	21.45	23.40
EDGE 1 Tx slot	26.71	26.77	26.76	28.50	17.71	17.77	17.76	19.50
EDGE 2 Tx slots	23.78	23.80	23.68	25.50	17.78	17.80	17.68	19.50
EDGE 3 Tx slots	21.76	21.89	21.84	23.70	17.50	17.63	17.58	19.44
EDGE 4 Tx slots	20.66	20.62	20.61	22.50	17.66	17.62	17.61	19.50

GSM1900 Ant1 DSI1

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	29.06	29.09	28.89	30.50	20.06	20.09	19.89	21.50
GPRS 1 Tx slot	28.94	29.05	29.05	30.50	19.84	20.05	20.05	21.50
GPRS 2 Tx slots	26.01	26.03	25.99	27.50	20.01	20.03	19.99	21.50
GPRS 3 Tx slots	24.21	24.34	24.15	25.70	19.95	20.08	19.89	21.44
GPRS 4 Tx slots	23.11	23.12	22.94	24.50	20.11	20.12	19.94	21.50
EDGE 1 Tx slot	25.05	25.16	25.31	26.50	16.05	16.16	16.31	17.50
EDGE 2 Tx slots	22.11	22.20	22.31	23.50	16.11	16.20	16.31	17.50
EDGE 3 Tx slots	20.29	20.38	20.56	21.70	16.03	16.12	16.30	17.44
EDGE 4 Tx slots	19.09	19.06	19.23	20.50	16.09	16.06	16.23	17.50

		WCDMA II Ant1 DSI1				WCDMA IV Ant1 DSI1				WCDMA V Ant1 DSI1			
Band		WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)	WCDMA V			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	20.15	20.33	20.15	21.80	21.25	21.51	21.26	22.60	20.31	20.42	20.46	22.10
3GPP Rel 99	RMC 12.2Kbps	20.27	20.36	20.18	21.80	21.43	21.68	21.46	22.60	20.35	20.58	20.57	22.10
3GPP Rel 6	HSDPA Subtest-1	19.33	19.56	19.46	20.80	20.31	20.44	20.30	21.60	19.45	19.48	19.28	21.10
3GPP Rel 6	HSDPA Subtest-2	19.47	19.59	19.59	20.80	20.44	20.33	20.66	21.60	19.67	19.73	19.25	21.10
3GPP Rel 6	HSDPA Subtest-3	19.01	19.05	19.10	20.30	20.00	19.92	20.16	21.10	19.09	19.03	19.06	20.60
3GPP Rel 6	HSDPA Subtest-4	19.07	19.07	19.15	20.30	19.85	19.88	19.97	21.10	19.02	19.13	18.72	20.60
3GPP Rel 8	DC-HSDPA Subtest-1	19.32	19.47	19.62	20.80	20.21	20.51	20.49	21.60	19.59	19.71	19.39	21.10
3GPP Rel 8	DC-HSDPA Subtest-2	19.42	19.56	19.60	20.80	20.24	20.46	20.47	21.60	19.60	19.71	19.44	21.10
3GPP Rel 8	DC-HSDPA Subtest-3	18.99	19.08	19.06	20.30	19.84	19.85	19.94	21.10	19.21	19.17	18.91	20.60
3GPP Rel 8	DC-HSDPA Subtest-4	18.82	18.98	19.09	20.30	19.91	20.08	20.02	21.10	18.94	19.02	18.96	20.60
3GPP Rel 6	HSUPA Subtest-1	19.62	19.57	19.61	20.80	20.35	20.47	20.37	21.60	19.54	19.52	19.47	21.10
3GPP Rel 6	HSUPA Subtest-2	17.67	17.63	17.68	18.80	18.31	18.36	18.55	19.60	17.68	17.58	17.36	19.10
3GPP Rel 6	HSUPA Subtest-3	18.35	18.61	18.77	19.80	19.45	19.26	19.33	20.60	18.73	18.40	18.47	20.10
3GPP Rel 6	HSUPA Subtest-4	17.41	17.63	17.71	18.80	18.40	18.48	18.70	19.60	17.66	17.57	17.35	19.10
3GPP Rel 6	HSUPA Subtest-5	19.44	19.60	19.64	20.80	20.44	20.47	20.47	21.60	19.71	19.53	19.41	21.10
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	16.94	17.17	17.04	18.30	17.81	18.13	17.99	19.10	17.20	17.09	16.89	18.60

Band 2 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				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	20.89	21.03	20.95	22.3	0
20	QPSK	1	49	20.79	20.91	20.77		
20	QPSK	1	99	20.78	20.94	20.93		
20	QPSK	50	0	20.75	20.97	20.79		
20	QPSK	50	24	20.60	20.90	20.75		
20	QPSK	50	50	20.64	20.74	20.81		
20	QPSK	100	0	20.88	21.00	20.78		
20	16QAM	1	0	20.60	20.88	20.59		
20	16QAM	1	49	20.78	20.77	20.78		
20	16QAM	1	99	20.73	20.99	20.83		
20	16QAM	50	0	20.73	20.85	20.69		
20	16QAM	50	24	20.57	20.89	20.77		
20	16QAM	50	50	20.86	20.87	20.96		
20	16QAM	100	0	20.76	20.90	20.62		
20	64QAM	1	0	20.63	20.81	20.86		
20	64QAM	1	49	20.88	21.01	20.80		
20	64QAM	1	99	20.70	20.84	20.67		
20	64QAM	50	0	20.61	20.77	20.82		
20	64QAM	50	24	20.78	20.99	20.95		
20	64QAM	50	50	20.61	20.89	20.71		
20	64QAM	100	0	20.59	20.75	20.80		
20	256QAM	1	0	18.80	19.13	19.02		
20	256QAM	1	49	18.77	18.92	18.88	20.3	2
20	256QAM	1	99	18.77	19.00	18.93		
20	256QAM	50	0	18.90	18.95	18.92		
20	256QAM	50	24	18.83	19.09	19.07	20.3	2
20	256QAM	50	50	18.69	18.84	18.88		
20	256QAM	100	0	18.88	19.00	18.97		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	20.88	20.84	20.76	22.3	0
15	QPSK	1	37	20.71	20.81	20.67		
15	QPSK	1	74	20.58	20.86	20.89		
15	QPSK	36	0	20.68	20.76	20.80		
15	QPSK	36	20	20.58	20.79	20.61		
15	QPSK	36	39	20.46	20.56	20.68		
15	QPSK	75	0	20.82	20.84	20.66		
15	16QAM	1	0	20.54	20.67	20.41		
15	16QAM	1	37	20.79	20.64	20.58	22.3	0
15	16QAM	1	74	20.57	20.90	20.67		
15	16QAM	36	0	20.57	20.68	20.68		
15	16QAM	36	20	20.55	20.72	20.61	22.3	0
15	16QAM	36	39	20.86	20.72	20.82		
15	16QAM	75	0	20.62	20.82	20.60		
15	64QAM	1	0	20.57	20.65	20.69		
15	64QAM	1	37	20.68	20.85	20.72	22.3	0
15	64QAM	1	74	20.50	20.79	20.49		
15	64QAM	36	0	20.56	20.65	20.73		
15	64QAM	36	20	20.66	20.85	20.73	22.3	0
15	64QAM	36	39	20.47	20.74	20.56		
15	64QAM	75	0	20.54	20.62	20.60		
15	256QAM	1	0	18.80	19.10	18.86		
15	256QAM	1	37	18.76	18.72	18.89	20.3	2
15	256QAM	1	74	18.63	18.91	18.74		
15	256QAM	36	0	18.79	18.84	18.87		
15	256QAM	36	20	18.84	18.90	18.90	20.3	2
15	256QAM	36	39	18.64	18.86	18.77		
15	256QAM	75	0	18.82	18.92	18.89		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	20.81	21.00	20.78	22.3	0
10	QPSK	1	25	20.68	20.82	20.79		
10	QPSK	1	49	20.61	20.81	20.73		
10	QPSK	25	0	20.54	20.90	20.72		
10	QPSK	25	12	20.52	20.91	20.74	22.3	0
10	QPSK	25	25	20.55	20.79	20.62		
10	QPSK	50	0	20.89	21.00	20.69		
10	16QAM	1	0	20.52	20.74	20.56		
10	16QAM	1	25	20.75	20.67	20.57	22.3	0
10	16QAM	1	49	20.73	20.90	20.62		
10	16QAM	25	0	20.55	20.71	20.51		
10	16QAM	25	12	20.39	20.72	20.69	22.3	0
10	16QAM	25	25	20.83	20.80	20.83		
10	16QAM	50	0	20.68	20.72	20.51		
10	64QAM	1	0	20.61	20.67	20.83		
10	64QAM	1	25	20.79	20.89	20.71	22.3	0
10	64QAM	1	49	20.64	20.71	20.46		
10	64QAM	25	0	20.55	20.72	20.68		
10	64QAM	25	12	20.69	20.94	20.83	22.3	0
10	64QAM	25	25	20.46	20.78	20.51		
10	64QAM	50	0	20.37	20.54	20.67		
10	256QAM	1	0	18.80	19.06	18.86		
10	256QAM	1	25	18.66	18.81	18.72	20.3	2
10	256QAM	1	49	18.74	18.87	18.91		
10	256QAM	25	0	18.76	18.94	18.85		
10	256QAM	25	12	18.71	18.96	18.96	20.3	2
10	256QAM	25	25	18.50	18.78	18.70		
10	256QAM	50	0	18.69	18.79	18.75		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	20.79	21.00	20.85	22.3	0
5	QPSK	1	12	20.80	20.90	20.70		
5	QPSK	1	24	20.78	20.96	20.83		
5	QPSK	12	0	20.56	20.80	20.72	22.3	0
5	QPSK	12	7	20.61	20.90	20.67		
5	QPSK	12	13	20.62	20.68	20.62		
5	QPSK	25	0	20.84	20.94	20.65		
5	16QAM	1	0	20.55	20.81	20.53	22.3	0
5	16QAM	1	12	20.69	20.56	20.61		
5	16QAM	1	24	20.66	20.96	20.84		
5	16QAM	12	0	20.64	20.79	20.48	22.3	0
5	16QAM	12	7	20.53	20.72	20.61		
5	16QAM	12	13	20.85	20.81	20.90		
5	16QAM	25	0	20.61	20.79	20.60		
5	64QAM	1	0	20.42	20.78	20.87	22.3	0
5	64QAM	1	12	20.78	20.81	20.60		
5	64QAM	1	24	20.71	20.63	20.57		
5	64QAM	12	0	20.49	20.55	20.83	22.3	0
5	64QAM	12	7	20.64	20.98	20.93		
5	64QAM	12	13	20.61	20.88	20.55		
5	64QAM	25	0	20.58	20.98	20.79		
5	256QAM	1	0	18.81	19.05	19.04	20.3	2
5	256QAM	1	12	18.72	18.92	18.86		
5	256QAM	1	24	18.58	18.80	18.90		
5	256QAM	12	0	18.79	18.80	18.87	20.3	2
5	256QAM	12	7	18.65	18.99	19.00		
5	256QAM	12	13	18.51	18.88	18.77		
5	256QAM	25	0	18.69	18.94	18.78		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	20.81	20.98	20.73	22.3	0
3	QPSK	1	8	20.70	20.85	20.68		
3	QPSK	1	14	20.69	20.90	20.84		
3	QPSK	8	0	20.71	20.78	20.71	22.3	0
3	QPSK	8	4	20.58	20.84	20.74		
3	QPSK	8	7	20.58	20.67	20.62		
3	QPSK	15	0	20.90	20.83	20.67		
3	16QAM	1	0	20.47	20.74	20.60	22.3	0
3	16QAM	1	8	20.64	20.63	20.74		
3	16QAM	1	14	20.64	20.93	20.74		
3	16QAM	8	0	20.57	20.72	20.63	22.3	0
3	16QAM	8	4	20.69	20.77	20.67		
3	16QAM	8	7	20.69	20.74	20.92		
3	16QAM	15	0	20.68	20.89	20.63		
3	64QAM	1	0	20.64	20.60	20.72	22.3	0
3	64QAM	1	8	20.75	20.90	20.68		
3	64QAM	1	14	20.50	20.81	20.49		
3	64QAM	8	0	20.62	20.68	20.84	22.3	0
3	64QAM	8	4	20.60	21.01	20.90		
3	64QAM	8	7	20.61	20.77	20.63		
3	64QAM	15	0	20.60	20.70	20.60		
3	256QAM	1	0	18.68	19.02	18.94	20.3	2
3	256QAM	1	8	18.56	18.87	18.75		
3	256QAM	1	14	18.67	18.82	18.92		
3	256QAM	8	0	18.88	18.77	18.73	20.3	2
3	256QAM	8	4	18.76	19.10	18.98		
3	256QAM	8	7	18.60	18.89	18.88		
3	256QAM	15	0	18.86	18.90	18.94		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	20.75	21.00	20.76	22.3	0
1.4	QPSK	1	3	20.77	20.89	20.79		
1.4	QPSK	1	5	20.67	20.93	20.84		
1.4	QPSK	3	0	20.67	20.76	20.73		
1.4	QPSK	3	1	20.65	20.86	20.63		
1.4	QPSK	3	3	20.55	20.65	20.70		
1.4	QPSK	6	0	20.64	20.88	20.59	22.3	0
1.4	16QAM	1	0	20.43	20.82	20.46	22.3	0
1.4	16QAM	1	3	20.64	20.74	20.72		
1.4	16QAM	1	5	20.54	20.88	20.78		
1.4	16QAM	3	0	20.67	20.67	20.69		
1.4	16QAM	3	1	20.54	20.76	20.55		
1.4	16QAM	3	3	20.70	20.66	20.95		
1.4	16QAM	6	0	20.55	20.88	20.62	22.3	0
1.4	64QAM	1	0	20.53	20.75	20.68	22.3	0
1.4	64QAM	1	3	20.86	20.99	20.80		
1.4	64QAM	1	5	20.68	20.74	20.54		
1.4	64QAM	3	0	20.55	20.66	20.67		
1.4	64QAM	3	1	20.75	20.91	20.96		
1.4	64QAM	3	3	20.62	20.90	20.66		
1.4	64QAM	6	0	20.38	20.63	20.67	22.3	0
1.4	256QAM	1	0	18.65	19.01	18.95	20.3	2
1.4	256QAM	1	3	18.63	18.76	18.85		
1.4	256QAM	1	5	18.61	19.00	18.80		
1.4	256QAM	3	0	18.89	18.73	18.71		
1.4	256QAM	3	1	18.76	19.10	18.90		
1.4	256QAM	3	3	18.81	18.92	18.79		
1.4	256QAM	6	0	18.89	18.97	18.92	20.3	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	21.64	21.83	21.63	22.7	0
20	QPSK	1	49	21.63	21.63	21.48		
20	QPSK	1	99	21.52	21.69	21.45		
20	QPSK	50	0	21.46	21.77	21.52		
20	QPSK	50	24	21.59	21.70	21.62		
20	QPSK	50	50	21.43	21.68	21.61		
20	QPSK	100	0	21.61	21.65	21.50		
20	16QAM	1	0	21.43	21.62	21.41		
20	16QAM	1	49	21.54	21.78	21.59		
20	16QAM	1	99	21.43	21.75	21.48		
20	16QAM	50	0	21.43	21.75	21.56		
20	16QAM	50	24	21.56	21.63	21.46		
20	16QAM	50	50	21.54	21.82	21.45		
20	16QAM	100	0	21.54	21.61	21.45		
20	64QAM	1	0	21.62	21.68	21.55		
20	64QAM	1	49	21.45	21.65	21.64		
20	64QAM	1	99	21.54	21.74	21.42		
20	64QAM	50	0	21.66	21.73	21.55		
20	64QAM	50	24	21.58	21.82	21.45		
20	64QAM	50	50	21.45	21.74	21.50		
20	64QAM	100	0	21.51	21.80	21.52		
20	256QAM	1	0	19.92	19.95	19.90		
20	256QAM	1	49	19.85	19.89	19.77	20.7	2
20	256QAM	1	99	19.74	19.81	19.71		
20	256QAM	50	0	19.79	19.88	19.75		
20	256QAM	50	24	19.69	19.77	19.69		
20	256QAM	50	50	19.62	19.75	19.65		
20	256QAM	100	0	19.67	19.82	19.75		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	21.58	21.63	21.49	22.7	0
15	QPSK	1	37	21.31	21.61	21.34		
15	QPSK	1	74	21.31	21.54	21.29		
15	QPSK	36	0	21.41	21.59	21.44		
15	QPSK	36	20	21.48	21.68	21.57		
15	QPSK	36	39	21.40	21.67	21.41		
15	QPSK	75	0	21.44	21.53	21.35		
15	16QAM	1	0	21.31	21.42	21.24		
15	16QAM	1	37	21.51	21.67	21.50	22.7	0
15	16QAM	1	74	21.26	21.64	21.43		
15	16QAM	36	0	21.36	21.62	21.52		
15	16QAM	36	20	21.40	21.55	21.43	22.7	0
15	16QAM	36	39	21.44	21.61	21.33		
15	16QAM	75	0	21.54	21.42	21.42		
15	64QAM	1	0	21.56	21.47	21.44		
15	64QAM	1	37	21.24	21.65	21.53	22.7	0
15	64QAM	1	74	21.54	21.63	21.41		
15	64QAM	36	0	21.56	21.69	21.43		
15	64QAM	36	20	21.36	21.49	21.41	22.7	0
15	64QAM	36	39	21.45	21.61	21.48		
15	64QAM	75	0	21.31	21.71	21.51		
15	256QAM	1	0	19.72	19.77	19.82		
15	256QAM	1	37	19.83	19.75	19.77	20.7	2
15	256QAM	1	74	19.71	19.63	19.67		
15	256QAM	36	0	19.77	19.72	19.60		
15	256QAM	36	20	19.69	19.56	19.50	20.7	2
15	256QAM	36	39	19.59	19.71	19.59		
15	256QAM	75	0	19.55	19.73	19.70		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	21.45	21.64	21.61	22.7	0
10	QPSK	1	25	21.53	21.51	21.33		
10	QPSK	1	49	21.32	21.69	21.42		
10	QPSK	25	0	21.25	21.62	21.41		
10	QPSK	25	12	21.51	21.53	21.57	22.7	0
10	QPSK	25	25	21.36	21.64	21.41		
10	QPSK	50	0	21.53	21.64	21.30		
10	16QAM	1	0	21.31	21.55	21.27		
10	16QAM	1	25	21.45	21.71	21.39	22.7	0
10	16QAM	1	49	21.42	21.58	21.37		
10	16QAM	25	0	21.41	21.74	21.58		
10	16QAM	25	12	21.55	21.50	21.26	22.7	0
10	16QAM	25	25	21.54	21.68	21.30		
10	16QAM	50	0	21.55	21.51	21.45		
10	64QAM	1	0	21.42	21.68	21.46		
10	64QAM	1	25	21.47	21.55	21.64	22.7	0
10	64QAM	1	49	21.37	21.69	21.42		
10	64QAM	25	0	21.51	21.71	21.49		
10	64QAM	25	12	21.39	21.64	21.40	22.7	0
10	64QAM	25	25	21.27	21.59	21.31		
10	64QAM	50	0	21.49	21.76	21.39		
10	256QAM	1	0	19.83	19.96	19.84		
10	256QAM	1	25	19.73	19.74	19.60	20.7	2
10	256QAM	1	49	19.75	19.65	19.61		
10	256QAM	25	0	19.65	19.67	19.65		
10	256QAM	25	12	19.59	19.66	19.60	20.7	2
10	256QAM	25	25	19.54	19.60	19.45		
10	256QAM	50	0	19.53	19.74	19.63		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	21.53	21.69	21.65	22.7	0
5	QPSK	1	12	21.65	21.42	21.48		
5	QPSK	1	24	21.33	21.59	21.30		
5	QPSK	12	0	21.40	21.79	21.34	22.7	0
5	QPSK	12	7	21.41	21.63	21.52		
5	QPSK	12	13	21.32	21.54	21.58		
5	QPSK	25	0	21.45	21.53	21.49		
5	16QAM	1	0	21.32	21.57	21.39	22.7	0
5	16QAM	1	12	21.53	21.65	21.43		
5	16QAM	1	24	21.28	21.67	21.42		
5	16QAM	12	0	21.41	21.70	21.42	22.7	0
5	16QAM	12	7	21.58	21.62	21.41		
5	16QAM	12	13	21.55	21.64	21.38		
5	16QAM	25	0	21.51	21.60	21.34		
5	64QAM	1	0	21.60	21.65	21.53	22.7	0
5	64QAM	1	12	21.39	21.56	21.56		
5	64QAM	1	24	21.44	21.68	21.31		
5	64QAM	12	0	21.47	21.54	21.47	22.7	0
5	64QAM	12	7	21.44	21.59	21.33		
5	64QAM	12	13	21.31	21.55	21.32		
5	64QAM	25	0	21.49	21.62	21.53		
5	256QAM	1	0	19.76	19.90	19.76	20.7	2
5	256QAM	1	12	19.67	19.85	19.69		
5	256QAM	1	24	19.64	19.59	19.71		
5	256QAM	12	0	19.77	19.80	19.75	20.7	2
5	256QAM	12	7	19.47	19.62	19.53		
5	256QAM	12	13	19.41	19.55	19.56		
5	256QAM	25	0	19.54	19.70	19.63		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	21.48	21.75	21.54	22.7	0
3	QPSK	1	8	21.43	21.56	21.33		
3	QPSK	1	14	21.35	21.70	21.36		
3	QPSK	8	0	21.48	21.65	21.49	22.7	0
3	QPSK	8	4	21.60	21.65	21.61		
3	QPSK	8	7	21.32	21.57	21.53		
3	QPSK	15	0	21.40	21.43	21.47		
3	16QAM	1	0	21.42	21.50	21.29	22.7	0
3	16QAM	1	8	21.39	21.65	21.44		
3	16QAM	1	14	21.37	21.54	21.42		
3	16QAM	8	0	21.43	21.69	21.52	22.7	0
3	16QAM	8	4	21.54	21.42	21.45		
3	16QAM	8	7	21.46	21.69	21.46		
3	16QAM	15	0	21.49	21.46	21.25		
3	64QAM	1	0	21.43	21.55	21.51	22.7	0
3	64QAM	1	8	21.36	21.67	21.47		
3	64QAM	1	14	21.34	21.65	21.22		
3	64QAM	8	0	21.45	21.60	21.54	22.7	0
3	64QAM	8	4	21.49	21.61	21.29		
3	64QAM	8	7	21.31	21.59	21.43		
3	64QAM	15	0	21.33	21.78	21.51		
3	256QAM	1	0	19.82	19.90	19.71	20.7	2
3	256QAM	1	8	19.86	19.74	19.67		
3	256QAM	1	14	19.70	19.80	19.57		
3	256QAM	8	0	19.64	19.72	19.75	20.7	2
3	256QAM	8	4	19.51	19.62	19.70		
3	256QAM	8	7	19.59	19.70	19.61		
3	256QAM	15	0	19.60	19.76	19.67		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	21.44	21.67	21.59	22.7	0
1.4	QPSK	1	3	21.41	21.51	21.44		
1.4	QPSK	1	5	21.47	21.71	21.40		
1.4	QPSK	3	0	21.45	21.65	21.49		
1.4	QPSK	3	1	21.59	21.65	21.50		
1.4	QPSK	3	3	21.29	21.64	21.44		
1.4	QPSK	6	0	21.59	21.51	21.49	22.7	0
1.4	16QAM	1	0	21.36	21.58	21.34	22.7	0
1.4	16QAM	1	3	21.52	21.66	21.59		
1.4	16QAM	1	5	21.33	21.59	21.41		
1.4	16QAM	3	0	21.41	21.63	21.57		
1.4	16QAM	3	1	21.53	21.55	21.46		
1.4	16QAM	3	3	21.35	21.68	21.41		
1.4	16QAM	6	0	21.39	21.63	21.44	22.7	0
1.4	64QAM	1	0	21.50	21.49	21.50	22.7	0
1.4	64QAM	1	3	21.26	21.63	21.53		
1.4	64QAM	1	5	21.54	21.65	21.38		
1.4	64QAM	3	0	21.62	21.70	21.52		
1.4	64QAM	3	1	21.48	21.51	21.33		
1.4	64QAM	3	3	21.30	21.54	21.36		
1.4	64QAM	6	0	21.36	21.67	21.37	22.7	0
1.4	256QAM	1	0	19.88	19.83	19.76	20.7	2
1.4	256QAM	1	3	19.69	19.82	19.64		
1.4	256QAM	1	5	19.64	19.64	19.71		
1.4	256QAM	3	0	19.60	19.83	19.65		
1.4	256QAM	3	1	19.53	19.56	19.52		
1.4	256QAM	3	3	19.51	19.76	19.57		
1.4	256QAM	6	0	19.56	19.73	19.62	20.7	2

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	21.35	21.42	21.21	22.2	0
10	QPSK	1	25	21.33	21.37	21.12		
10	QPSK	1	49	21.29	21.30	21.13		
10	QPSK	25	0	21.20	21.21	20.99	22.2	0
10	QPSK	25	12	21.13	21.20	21.00		
10	QPSK	25	25	21.16	21.18	21.05		
10	QPSK	50	0	21.26	21.30	21.20		
10	16QAM	1	0	21.24	21.22	21.07	22.2	0
10	16QAM	1	25	21.15	21.25	21.02		
10	16QAM	1	49	21.33	21.25	21.18		
10	16QAM	25	0	21.24	21.32	21.07	22.2	0
10	16QAM	25	12	21.28	21.39

Band 7 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				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	16.33	16.48	16.46	17.5	0
20	QPSK	1	49	16.31	16.37	16.46		
20	QPSK	1	99	16.20	16.40	16.42		
20	QPSK	50	0	16.18	16.42	16.38	17.5	0
20	QPSK	50	24	16.19	16.39	16.33		
20	QPSK	50	50	16.31	16.34	16.33		
20	QPSK	100	0	16.26	16.27	16.21		
20	16QAM	1	0	16.16	16.37	16.47	17.5	0
20	16QAM	1	49	16.21	16.43	16.46		
20	16QAM	1	99	16.31	16.45	16.28		
20	16QAM	50	0	16.28	16.34	16.35	17.5	0
20	16QAM	50	24	16.18	16.44	16.47		
20	16QAM	50	50	16.27	16.31	16.41		
20	16QAM	100	0	16.33	16.36	16.42		
20	64QAM	1	0	16.16	16.44	16.47	17.5	0
20	64QAM	1	49	16.22	16.22	16.26		
20	64QAM	1	99	16.11	16.35	16.42		
20	64QAM	50	0	16.12	16.31	16.39	17.5	0
20	64QAM	50	24	16.19	16.43	16.30		
20	64QAM	50	50	16.26	16.24	16.30		
20	64QAM	100	0	16.19	16.10	16.23		
20	256QAM	1	0	16.11	16.20	16.31	17.5	0
20	256QAM	1	49	16.10	16.30	16.41		
20	256QAM	1	99	16.30	16.42	16.41		
20	256QAM	50	0	16.08	16.22	16.26	17.5	0
20	256QAM	50	24	16.19	16.23	16.36		
20	256QAM	50	50	16.15	16.11	16.37		
20	256QAM	100	0	16.14	16.24	16.38		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	16.34	16.33	16.31	17.5	0
15	QPSK	1	37	16.18	16.28	16.37		
15	QPSK	1	74	16.05	16.23	16.24		
15	QPSK	36	0	15.97	16.33	16.27	17.5	0
15	QPSK	36	20	16.05	16.32	16.16		
15	QPSK	36	39	16.17	16.24	16.26		
15	QPSK	75	0	16.15	16.16	16.15		
15	16QAM	1	0	16.05	16.30	16.37	17.5	0
15	16QAM	1	37	16.12	16.25	16.40		
15	16QAM	1	74	16.29	16.29	16.29		
15	16QAM	36	0	16.11	16.27	16.18	17.5	0
15	16QAM	36	20	16.03	16.39	16.41		
15	16QAM	36	39	16.14	16.14	16.31		
15	16QAM	75	0	16.26	16.27	16.20		
15	64QAM	1	0	16.01	16.36	16.37	17.5	0
15	64QAM	1	37	16.03	16.15	16.07		
15	64QAM	1	74	16.06	16.36	16.43		
15	64QAM	36	0	16.09	16.20	16.25	17.5	0
15	64QAM	36	20	15.99	16.41	16.20		
15	64QAM	36	39	16.24	16.05	16.26		
15	64QAM	75	0	16.21	15.98	16.21		
15	256QAM	1	0	16.10	15.98	16.12	17.5	0
15	256QAM	1	37	16.05	16.16	16.23		
15	256QAM	1	74	16.27	16.21	16.37		
15	256QAM	36	0	15.93	16.05	16.07	17.5	0
15	256QAM	36	20	15.98	16.11	16.33		
15	256QAM	36	39	15.99	15.90	16.32		
15	256QAM	75	0	16.06	16.09	16.34		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	16.28	16.46	16.34	17.5	0
10	QPSK	1	25	16.13	16.34	16.26		
10	QPSK	1	49	16.12	16.31	16.40		
10	QPSK	25	0	16.17	16.29	16.36	17.5	0
10	QPSK	25	12	16.10	16.40	16.27		
10	QPSK	25	25	16.31	16.22	16.34		
10	QPSK	50	0	16.10	16.24	16.11		
10	16QAM	1	0	16.12	16.18	16.37	17.5	0
10	16QAM	1	25	16.03	16.35	16.29		
10	16QAM	1	49	16.26	16.30	16.38		
10	16QAM	25	0	16.18	16.30	16.26	17.5	0
10	16QAM	25	12	16.20	16.24	16.28		
10	16QAM	25	25	16.12	16.24	16.35		
10	16QAM	50	0	16.29	16.31	16.23		
10	64QAM	1	0	16.07	16.25	16.39	17.5	0
10	64QAM	1	25	16.03	16.15	16.07		
10	64QAM	1	49	16.09	16.30	16.43		
10	64QAM	25	0	15.99	16.18	16.35	17.5	0
10	64QAM	25	12	16.04	16.45	16.20		
10	64QAM	25	25	16.11	16.14	16.09		
10	64QAM	50	0	16.09	15.93	16.15		
10	256QAM	1	0	15.95	16.01	16.30	17.5	0
10	256QAM	1	25	15.97	16.20	16.20		
10	256QAM	1	49	16.12	16.22	16.22		
10	256QAM	25	0	16.08	16.13	16.13	17.5	0
10	256QAM	25	12	16.17	16.19	16.16		
10	256QAM	25	25	16.09	16.10	16.19		
10	256QAM	50	0	15.94	16.16	16.27		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	16.27	16.47	16.27	17.5	0
5	QPSK	1	12	16.27	16.30	16.24		
5	QPSK	1	24	15.99	16.30	16.30		
5	QPSK	12	0	16.14	16.31	16.32	17.5	0
5	QPSK	12	7	16.00	16.24	16.29		
5	QPSK	12	13	16.29	16.17	16.16		
5	QPSK	25	0	16.15	16.09	16.12		
5	16QAM	1	0	16.10	16.26	16.35	17.5	0
5	16QAM	1	12	16.03	16.35	16.38		
5	16QAM	1	24	16.18	16.24	16.17		
5	16QAM	12	0	16.22	16.27	16.32	17.5	0
5	16QAM	12	7	16.00	16.39	16.36		
5	16QAM	12	13	16.05	16.24	16.35		
5	16QAM	25	0	16.21	16.29	16.30		
5	64QAM	1	0	16.03	16.44	16.41	17.5	0
5	64QAM	1	12	16.07	16.23	16.26		
5	64QAM	1	24	16.09	16.32	16.21		
5	64QAM	12	0	15.91	16.25	16.31	17.5	0
5	64QAM	12	7	15.98	16.23	16.17		
5	64QAM	12	13	16.27	16.04	16.16		
5	64QAM	25	0	16.18	16.10	16.05		
5	256QAM	1	0	15.98	16.11	16.29	17.5	0
5	256QAM	1	12	16.03	16.18	16.41		
5	256QAM	1	24	16.23	16.38	16.37		
5	256QAM	12	0	16.10	16.04	16.22	17.5	0
5	256QAM	12	7	16.10	15.14	16.35		
5	256QAM	12	13	16.00	15.93	16.24		
5	256QAM	25	0	16.16	16.05	16.21		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	22.30	22.34	22.24	23.2	0
20	QPSK	1	49	22.03	22.14	22.18		
20	QPSK	1	99	22.01	22.33	22.10		
20	QPSK	50	0	22.11	22.27	22.15	23.2	0
20	QPSK	50	24	22.01	22.14	22.09		
20	QPSK	50	50	22.15	22.19	22.11		
20	QPSK	100	0	22.08	22.15	22.05		
20	16QAM	1	0	22.00	22.16	22.16	23.2	0
20	16QAM	1	49	22.02	22.33	22.12		
20	16QAM	1	99	21.98	22.19	22.13		
20	16QAM	50	0	21.99	22.22	22.17	23.2	0
20	16QAM	50	24	22.05	22.19	22.13		
20	16QAM	50	50	22.11	22.27	22.12		
20	16QAM	100	0	22.04	22.29	22.11		
20	64QAM	1	0	22.09	22.33	22.13	23.2	0
20	64QAM	1	49	22.05	22.23	22.05		
20	64QAM	1	99	21.97	22.20	22.08		
20	64QAM	50	0	21.78	21.78	21.63	22.7	0.5
20	64QAM	50	24	21.82	21.80	21.82		
20	64QAM	50	50	21.74	21.81	21.83		
20	64QAM	100	0	21.66	21.92	21.81		
20	256QAM	1	0	19.64	19.77	19.64	20.7	2.5
20	256QAM	1	49	19.67	19.71	19.83		
20	256QAM	1	99	19.75	19.72	19.68		
20	256QAM	50	0	19.71	19.82	19.61	20.7	2.5
20	256QAM	50	24	19.49	19.72	19.53		
20	256QAM	50	50	19.55	19.65	19.71		
20	256QAM	100	0	19.64	19.72	19.59		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	22.15	22.26	22.24	23.2	0
15	QPSK	1	37	21.95	21.93	22.18		
15	QPSK	1	74	22.03	22.25	22.16		
15	QPSK	36	0	21.92	22.20	22.17	23.2	0
15	QPSK	36	20	21.84	22.09	21.98		
15	QPSK	36	39	22.04	22.19	22.00		
15	QPSK	75	0	22.06	22.12	22.03		
15	16QAM	1	0	21.81	22.14	22.02	23.2	0
15	16QAM	1	37	21.92	22.13	21.92		
15	16QAM	1	74	21.79	22.02	21.97		
15	16QAM	36	0	21.99	22.07	22.16	23.2	0
15	16QAM	36	20	22.04	22.06	21.98		
15	16QAM	36	39	21.93	22.19	21.92		
15	16QAM	75	0	21.95	22.16	21.96		
15	64QAM	1	0	22.04	22.15	21.97	23.2	0
15	64QAM	1	37	21.83	22.05	21.95		
15	64QAM	1	74	21.85	22.17	21.88		
15	64QAM	36	0	21.74	21.61	21.56	22.7	0.5
15	64QAM	36	20	21.44	21.77	21.81		
15	64QAM	36	39	21.73	21.83	21.66		
15	64QAM	75	0	21.52	21.94	21.82		
15	256QAM	1	0	19.43	19.72	19.46	20.7	2.5
15	256QAM	1	37	19.58	19.54	19.64		
15	256QAM	1	74	19.65	19.58	19.50		
15	256QAM	36	0	19.68	19.61	19.62	20.7	2.5
15	256QAM	36	20	19.30	19.65	19.49		
15	256QAM	36	39	19.48	19.65	19.62		
15	256QAM	75	0	19.64	19.58	19.45		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	22.18	22.19	22.03	23.2	0
10	QPSK	1	25	21.97	22.01	22.01		
10	QPSK	1	49	21.94	22.22	22.03		
10	QPSK	25	0	22.06	22.16	22.07	23.2	0
10	QPSK	25	12	22.02	22.05	21.87		
10	QPSK	25	25	22.08	22.13	22.10		
10	QPSK	50	0	22.00	21.94	21.92		
10	16QAM	1	0	21.80	22.01	22.05	23.2	0
10	16QAM	1	25	21.91	22.20	21.94		
10	16QAM	1	49	21.98	22.05	22.03		
10	16QAM	25	0	21.91	22.19	22.09	23.2	0
10	16QAM	25	12	21.97	22.02	22.14		
10	16QAM	25	25	21.98	22.22	21.97		
10	16QAM	50	0	21.87	22.19	21.93		
10	64QAM	1	0	22.00	22.16	21.98	23.2	0
10	64QAM	1	25	22.02	22.09	21.87		
10	64QAM	1	49	21.91	22.02	22.04		
10	64QAM	25	0	21.77	21.67	21.42	22.7	0.5
10	64QAM	25	12	21.63	21.59	21.73		
10	64QAM	25	25	21.64	21.70	21.71		
10	64QAM	50	0	21.49	21.73	21.74		
10	256QAM	1	0	19.49	19.59	19.60	20.7	2.5
10	256QAM	1	25	19.46	19.55	19.69		
10	256QAM	1	49	19.67	19.62	19.53		
10	256QAM	25	0	19.64	19.66	19.54	20.7	2.5
10	256QAM	25	12	19.43	19.54	19.33		
10	256QAM	25	25	19.43	19.52	19.52		
10	256QAM	50	0	19.58	19.65	19.44		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	21.96	22.23	22.09	23.2	0
5	QPSK	1	12	21.90	22.00	22.05		
5	QPSK	1	24	21.84	22.18	21.97		
5	QPSK	12	0	22.12	22.26	21.97	23.2	0
5	QPSK	12	7	21.86	21.94	22.03		
5	QPSK	12	13	21.95	22.05	22.00		
5	QPSK	25	0	21.98	22.00	21.87		
5	16QAM	1	0	21.85	22.09	22.03	23.2	0
5	16QAM	1	12	21.83	22.28	21.96		
5	16QAM	1	24	21.81	22.07	22.00		
5	16QAM	12	0	21.95	22.12	22.18	23.2	0
5	16QAM	12	7	22.00	22.18	21.93		
5	16QAM	12	13	22.04	22.26	21.91		
5	16QAM	25	0	21.97	22.29	21.91		
5	64QAM	1	0	22.07	22.13	21.91	23.2	0
5	64QAM	1	12	21.92	22.08	21.96		
5	64QAM	1	24	21.95	22.00	22.03		
5	64QAM	12	0	21.62	21.76	21.62	22.7	0.5
5	64QAM	12	7	21.45	21.69	21.66		
5	64QAM	12	13	21.73	21.71	21.72		
5	64QAM	25	0	21.67	21.84	21.81		
5	256QAM	1	0	19.60	19.61	19.64	20.7	2.5
5	256QAM	1	12	19.63	19.50	19.65		
5	256QAM	1	24	19.57	19.67	19.65		
5	256QAM	12	0	19.54	19.73	19.44	20.7	2.5
5	256QAM	12	7	19.35	19.64	19.33		
5	256QAM	12	13	19.53	19.57	19.56		
5	256QAM	25	0	19.58	19.57	19.57		
Channel				131982	132322	132662	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	22.16	22.33	22.25	23.2	0
3	QPSK	1	8	21.90	21.99	22.10		
3	QPSK	1	14	22.02	22.18	21.97		
3	QPSK	8	0	22.00	22.12	22.07	23.2	0
3	QPSK	8	4	22.00	22.06	21.90		
3	QPSK	8	7	22.00	22.09	22.07		
3	QPSK	15	0	22.00	22.13	21.85		
3	16QAM	1	0	21.94	21.97	22.04	23.2	0
3	16QAM	1	8	21.93	22.25	21.95		
3	16QAM	1	14	21.83	22.05	21.99		
3	16QAM	8	0	21.83	22.23	22.17	23.2	0
3	16QAM	8	4	21.92	22.09	22.00		
3	16QAM	8	7	21.95	22.14	22.13		
3	16QAM	15	0	21.86	22.17	22.10		
3	64QAM	1	0	22.04	22.12	21.92	23.2	0
3	64QAM	1	8	21.97	22.13	22.00		
3	64QAM	1	14	21.84	22.03	21.91		
3	64QAM	8	0	21.64	21.66	21.61	22.7	0.5
3	64QAM	8	4	21.46	21.67	21.82		
3	64QAM	8	7	21.52	21.77	21.74		
3	64QAM	15	0	21.58	21.75	21.68		
3	256QAM	1	0	19.62	19.63	19.48	20.7	2.5
3	256QAM	1	8	19.68	19.60	19.73		
3	256QAM	1	14	19.65	19.56	19.67		
3	256QAM	8	0	19.50	19.78	19.60	20.7	2.5
3	256QAM	8	4	19.38	19.59	19.36		
3	256QAM	8	7	19.35	19.58	19.72		
3	256QAM	15	0	19.51	19.57	19.47		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	21.96	22.27	22.11	23.2	0
1.4	QPSK	1	3	21.89	22.06	21.99		
1.4	QPSK	1	5	21.90	22.28	21.97		
1.4	QPSK	3	0	22.03	22.09	22.14		
1.4	QPSK	3	1	22.03	22.01	22.01		
1.4	QPSK	3	3	22.12	22.13	21.99		
1.4	QPSK	6	0	22.06	21.98	21.94	23.2	0
1.4	16QAM	1	0	21.94	22.05	22.07	23.2	0
1.4	16QAM	1	3	21.95	22.28	22.09		
1.4	16QAM	1	5	22.01	22.07	22.04		
1.4	16QAM	3	0	21.98	22.10	21.98		
1.4	16QAM	3	1	22.00	22.02	21.92		
1.4	16QAM	3	3	21.92	22.16	22.03		
1.4	16QAM	6	0	21.94	22.30	22.11	23.2	0
1.4	64QAM	1	0	22.09	22.22	22.14	23.2	0
1.4	64QAM	1	3	22.05	22.10	22.05		
1.4	64QAM	1	5	21.99	22.05	21.87		
1.4	64QAM	3	0	21.66	21.70	21.61		
1.4	64QAM	3	1	21.62	21.74	21.71		
1.4	64QAM	3	3	21.54	21.80	21.69		
1.4	64QAM	6	0	21.67	21.89	21.76	22.7	0.5
1.4	256QAM	1	0	19.51	19.74	19.48	20.7	2.5
1.4	256QAM	1	3	19.54	19.59	19.84		
1.4	256QAM	1	5	19.70	19.60	19.57		
1.4	256QAM	3	0	19.57	19.65	19.60		
1.4	256QAM	3	1	19.38	19.65	19.50		
1.4	256QAM	3	3	19.41	19.44	19.72		
1.4	256QAM	6	0	19.51	19.56	19.41	20.7	2.5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	18.48	18.74	18.46		
20	QPSK	1	49	18.53	18.65	18.57	19	0
20	QPSK	1	99	18.51	18.73	18.55		
20	QPSK	50	0	18.34	18.60	18.48		
20	QPSK	50	24	18.34	18.57	18.59	19	0
20	QPSK	50	50	18.36	18.54	18.41		
20	QPSK	100	0	18.42	18.53	18.36		
20	16QAM	1	0	18.35	18.52	18.36		
20	16QAM	1	49	18.49	18.60	18.58	19	0
20	16QAM	1	99	18.40	18.53	18.36		
20	16QAM	50	0	18.39	18.58	18.45		
20	16QAM	50	24	18.38	18.56	18.52	19	0
20	16QAM	50	50	18.44	18.56	18.25		
20	16QAM	100	0	18.39	18.53	18.36		
20	64QAM	1	0	18.39	18.58	18.35		
20	64QAM	1	49	18.46	18.65	18.38	19	0
20	64QAM	1	99	18.48	18.57	18.44		
20	64QAM	50	0	18.34	18.67	18.48		
20	64QAM	50	24	18.37	18.68	18.29	19	0
20	64QAM	50	50	18.40	18.63	18.57		
20	64QAM	100	0	18.39	18.53	18.52		
20	256QAM	1	0	18.35	18.55	18.40		
20	256QAM	1	49	18.38	18.64	18.54	19	0
20	256QAM	1	99	18.50	18.52	18.51		
20	256QAM	50	0	18.49	18.54	18.41		
20	256QAM	50	24	18.37	18.58	18.49	19	0
20	256QAM	50	50	18.36	18.53	18.53		
20	256QAM	100	0	18.37	18.61	18.34		
Channel				37825	38000	38175	Tune-up limit	MPR
Frequency (MHz)				2577.5	2595	2612.5	(dBm)	(dB)
15	QPSK	1	0	18.44	18.72	18.39		
15	QPSK	1	37	18.43	18.57	18.59	19	0
15	QPSK	1	74	18.30	18.57	18.43		
15	QPSK	36	0	18.34	18.45	18.47		
15	QPSK	36	20	18.33	18.49	18.49	19	0
15	QPSK	36	39	18.29	18.53	18.38		
15	QPSK	75	0	18.39	18.39	18.20		
15	16QAM	1	0	18.32	18.33	18.33		
15	16QAM	1	37	18.34	18.46	18.55	19	0
15	16QAM	1	74	18.38	18.36	18.26		
15	16QAM	36	0	18.37	18.53	18.23		
15	16QAM	36	20	18.24	18.37	18.38	19	0
15	16QAM	36	39	18.40	18.43	18.05		
15	16QAM	75	0	18.23	18.54	18.26		
15	64QAM	1	0	18.25	18.55	18.28		
15	64QAM	1	37	18.41	18.50	18.30	19	0
15	64QAM	1	74	18.40	18.49	18.23		
15	64QAM	36	0	18.27	18.53	18.42		
15	64QAM	36	20	18.37	18.60	18.12	19	0
15	64QAM	36	39	18.31	18.48	18.40		
15	64QAM	75	0	18.40	18.38	18.48		
15	256QAM	1	0	18.22	18.45	18.34		
15	256QAM	1	37	18.26	18.63	18.43	19	0
15	256QAM	1	74	18.35	18.43	18.39		
15	256QAM	36	0	18.30	18.32	18.21		
15	256QAM	36	20	18.35	18.42	18.29	19	0
15	256QAM	36	39	18.36	18.33	18.34		
15	256QAM	75	0	18.24	18.62	18.21		
Channel				37600	38000	38200	Tune-up limit	MPR
Frequency (MHz)				2575	2595	2615	(dBm)	(dB)
10	QPSK	1	0	18.26	18.53	18.42		
10	QPSK	1	25	18.48	18.63	18.52	19	0
10	QPSK	1	49	18.39	18.53	18.49		
10	QPSK	25	0	18.21	18.62	18.30		
10	QPSK	25	12	18.18	18.54	18.54	19	0
10	QPSK	25	25	18.21	18.41	18.31		
10	QPSK	50	0	18.37	18.37	18.31		
10	16QAM	1	0	18.22	18.47	18.14		
10	16QAM	1	25	18.39	18.44	18.59	19	0
10	16QAM	1	49	18.32	18.32	18.25		
10	16QAM	25	0	18.26	18.40	18.25		
10	16QAM	25	12	18.28	18.56	18.31	19	0
10	16QAM	25	25	18.43	18.46	18.24		
10	16QAM	50	0	18.21	18.47	18.17		
10	64QAM	1	0	18.21	18.57	18.23		
10	64QAM	1	25	18.28	18.62	18.38	19	0
10	64QAM	1	49	18.47	18.42	18.24		
10	64QAM	25	0	18.32	18.48	18.42		
10	64QAM	25	12	18.18	18.62	18.31	19	0
10	64QAM	25	25	18.18	18.50	18.46		
10	64QAM	50	0	18.36	18.53	18.38		
10	256QAM	1	0	18.18	18.43	18.37		
10	256QAM	1	25	18.17	18.65	18.34	19	0
10	256QAM	1	49	18.47	18.36	18.49		
10	256QAM	25	0	18.31	18.39	18.36		
10	256QAM	25	12	18.29	18.39	18.51	19	0
10	256QAM	25	25	18.20	18.50	18.50		
10	256QAM	50	0	18.30	18.56	18.36		
Channel				37775	38000	38225	Tune-up limit	MPR
Frequency (MHz)				2572.5	2595	2617.5	(dBm)	(dB)
5	QPSK	1	0	18.49	18.56	18.28		
5	QPSK	1	12	18.52	18.73	18.51	19	0
5	QPSK	1	24	18.32	18.53	18.38		
5	QPSK	12	0	18.34	18.43	18.45		
5	QPSK	12	7	18.22	18.45	18.59	19	0
5	QPSK	12	13	18.23	18.39	18.41		
5	QPSK	25	0	18.30	18.47	18.30		
5	16QAM	1	0	18.26	18.37	18.15		
5	16QAM	1	12	18.51	18.61	18.41	19	0
5	16QAM	1	24	18.26	18.35	18.36		
5	16QAM	12	0	18.25	18.46	18.26		
5	16QAM	12	7	18.27	18.48	18.49	19	0
5	16QAM	12	13	18.25	18.51	18.24		
5	16QAM	25	0	18.33	18.34	18.32		
5	64QAM	1	0	18.25	18.38	18.25		
5	64QAM	1	12	18.36	18.50	18.31	19	0
5	64QAM	1	24	18.39	18.49	18.33		
5	64QAM	12	0	18.24	18.50	18.44		
5	64QAM	12	7	18.39	18.53	18.20	19	0
5	64QAM	12	13	18.20	18.62	18.49		
5	64QAM	25	0	18.28	18.51	18.36		
5	256QAM	1	0	18.26	18.57	18.24		
5	256QAM	1	12	18.16	18.64	18.52	19	0
5	256QAM	1	24	18.40	18.53	18.39		
5	256QAM	12	0	18.35	18.50	18.24		
5	256QAM	12	7	18.27	18.41	18.42	19	0
5	256QAM	12	13	18.15	18.48	18.44		
5	256QAM	25	0	18.25	18.51	18.15		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	18.25	18.14	18.33	18.12	18.24		
20	QPSK	1	49	18.27	17.97	18.15	18.01	18.17	19.2	0
20	QPSK	1	99	18.08	18.01	18.32	18.04	18.22		
20	QPSK	50	0	18.05	18.14	18.31	17.95	18.24		
20	QPSK	50	24	18.07	18.10	18.27	18.06	18.20	19.2	0
20	QPSK	50	50	18.24	18.01	18.23	17.97	18.21		
20	QPSK	100	0	18.04	17.98	18.28	18.07	18.17		
20	16QAM	1	0	18.04	17.93	18.12	18.03	18.22		
20	16QAM	1	49	18.20	17.96	18.13	17.98	17.98	19.2	0
20	16QAM	1	99	18.05	17.95	18.12	17.90	18.16		
20	16QAM	50	0	18.05	18.06	17.97	17.92	18.20		
20	16QAM	50	24	18.07	18.09	18.11	17.97	18.15	19.2	0
20	16QAM	50	50	18.08	17.89	18.14	17.95	18.04		
20	16QAM	100	0	17.86	17.80	18.16	17.96	18.12		
20	64QAM	1	0	17.98	18.10	18.11	17.93	18.00		
20	64QAM	1	49	18.24	17.94	18.24	18.00	18.04	19.2	0
20	64QAM	1	99	18.13	17.90	18.16	17.89	18.03		
20	64QAM	50	0	17.89	18.00	18.19	17.88	18.04		
20	64QAM	50	24	17.85	17.95	18.13	17.93	18.06	19.2	0
20	64QAM	50	50	18.08	17.92	18.19	17.94	18.02		
20	64QAM	100	0	18.11	17.90	18.26	17.96	18.11		
20	256QAM	1	0	17.83	17.85	18.06	17.97	18.10		
20	256QAM	1	49	18.08	17.96	18.14	17.88	18.08	19.2	0
20	256QAM	1	99	18.00	17.96	17.90	17.92	18.11		
20	256QAM	50	0	17.95	17.96	18.09	18.00	18.09		
20	256QAM	50	24	18.15	17.94	18.13	17.94	18.15	19.2	0
20	256QAM	50	50	17.89	17.79	18.12	18.01	17.96		
20	256QAM	100	0	18.03	17.95	18.12	17.89	17.98		
Channel				39725	40173	40620	41068	41515	Tune-up limit	MPR
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	(dBm)	(dB)
15	QPSK	1	0	18.04	18.02	18.14	18.07	18.16		
15	QPSK	1	37	18.17	17.83	17.95	17.90	17.98	19	0
15	QPSK	1	74	18.07	17.98	18.12	17.97	18.10		
15	QPSK	36	0	17.87	18.08	18.11	17.81	18.05		
15	QPSK	36	20	17.96	18.05	18.20	17.89	18.00	19.2	0
15	QPSK	36	39	18.26	18.01	18.18	17.80	18.19		
15	QPSK	75	0	18.03	17.79	18.06	17.98	18.10		
15	16QAM	1	0	17.90	17.91	18.05	17.99	18.23		
15	16QAM	1	37	18.09	17.90	18.13	17.91	17.87	19.2	0
15	16QAM	1	74	17.98	17.77	18.01	17.80	18.18		
15	16QAM	36	0	18.06	17.96	17.92	17.74	18.17		
15	16QAM	36	20	17.91	17.99	18.05	17.77	18.08	19.2	0
15	16QAM	36	39	17.88	17.79	18.08	17.75	17.90		
15	16QAM	75	0	17.74	17.73	17.94	17.78	17.95		
15	64QAM	1	0	17.79	18.01	18.00	17.74	17.91		
15	64QAM	1	37	18.19	17.75	18.05	17.91	18.02	19.2	0
15	64QAM	1	74	17.95	17.87	17.94	17.78	18.02		
15	64QAM	36	0	17.76	18.01	18.01	17.87	17.98		
15	64QAM	36	20	17.83	17.76	18.12	17.93	17.94	19.2	0
15	64QAM	36	39	17.94	17.78	18.05	17.88	17.90		
15	64QAM	75	0	18.03	17.93	18.17	17.87	18.10		
15	256QAM	1	0	17.76	17.84	18.03	17.86	18.00		
15	256QAM	1	37	18.02	17.84	17.97	17.85	17.87	19.2	0
15	256QAM	1	74	17.80	17.91	17.88	17.91	18.02		
15	256QAM	36	0	17.87	17.77	17.95	17.99	17.87		
15	256QAM	36	20	18.00	17.78	17.92	17.72	18.01	19.2	0
15	256QAM	36	39	17.83	17.81	17.97	17.94	17.82		
15	256QAM	75	0	17.93	17.89	17.95	17.71	17.81		
Channel				39700	40160	40620	41080	41540	Tune-up limit	MPR
Frequency (MHz)				2501	2547	2593	2639	2685	(dBm)	(dB)
10	QPSK	1	0	18.05	17.97	18.18	17.90	18.16		
10	QPSK	1	25	18.05	18.04	17.95	18.03	18.11	19.20	0
10	QPSK	1	49	17.97	17.99	18.28	17.89	18.04		
10	QPSK	25	0	18.04	18.06	17.92	17.90	18.11		
10	QPSK	25	12	17.93	18.11	18.08	18.07	18.02	19.2	0
10	QPSK	25	25	18.11	18.00	18.18	17.97	18.10		
10	QPSK	50	0	18.04	17.90	18.23	17.98	18.08		
10	16QAM	1	0	18.01	17.93	18.02	17.97	18.15		
10	16QAM	1	25	18.19	17.86	18.05	17.85	17.89	19.2	0
10	16QAM	1	49	17.88	17.80	17.90	17.88	18.14		
10	16QAM	25	0	17.98	18.03	17.99	17.91	18.16		
10	16QAM	25	12	17.85	17.88	17.92	17.94	18.11	19.2	0
10	16QAM	25	25	17.89	17.84	17.96	17.85	17.82		
10	16QAM	50	0	17.85	17.73	17.94	17.80	17.94		
10	64QAM	1	0	17.96	18.07	18.06	17.75	17.87		
10	64QAM	1	25	18.16	17.90	18.15	17.82	18.02	19.2	0
10	64QAM	1	49	18.06	17.77	18.13	17.77	17.95		
10	64QAM	25	0	17.81	18.01	18.12	17.71	18.05		
10	64QAM	25	12	17.71	17.93	17.94	17.75	17.98	19.2	0
10	64QAM	25	25	18.06	17.86	18.11	17.82	17.81		
10	64QAM	50	0	17.93	17.86	18.21	17.74	18.06		
10	256QAM	1	0	17.73	17.80	17.86	17.97	18.11		
10	256QAM	1	25	18.01	17.83	18.14	17.84	18.08	19.2	0
10	256QAM	1	49	17.95	17.76	17.84	17.75	18.05		
10	256QAM	25	0	17.92	17.95	17.93	17.99	17.97		
10	256QAM	25	12	18.01	17.87	18.13	17.90	18.07	19.2	0
10	256QAM	25	25	17.73	17.77	18.12	17.98	17.86		
10	256QAM	50	0	17.89	17.79	17.98	17.79	17.94		
Channel				39675	40148	40620	41093	41565	Tune-up limit	MPR
Frequency (MHz)				2498.5	2546.8	2593	2640.30	2687.5	(dBm)	(dB)
5	QPSK	1	0	18.10	17.95	18.32	18.01	18.09		
5	QPSK	1	12	18.06	17.98	18.02	17.99	17.97	19.20	0
5	QPSK	1	24	18.08	17.87	18.30	17.99	18.05		
5	QPSK	12	0	17.99	18.04	17.90	17.83	18.23		
5	QPSK	12	7	17.97	17.89	18.20	18.05	18.11	19.2	0
5	QPSK	12	13	18.06	18.02	18.10	17.84	18.14		
5	QPSK	25	0	17.92	17.87	18.06	17.92	18.00		
5	16QAM	1	0	17.97	17.74	18.06	17.96	18.15		
5	16QAM	1	12	18.12	17.79	18.12	17.91	17.78	19.2	0
5	16QAM	1	24	17.92	17.74	18.07	17.82	18.18		
5	16QAM	12	0	17.87	18.04	17.83	17.88	18.16		
5	16QAM	12	7	18.04	17.93	18.09	17.85	17.93	19.2	0
5	16QAM	12	13	18.06	17.85	18.05	17.87	17.94		
5	16QAM	25	0	17.73	17.75	18.10	17.83	17.91		
5	64QAM	1	0	17.95	18.02	18.04	17.94	17.99		
5	64QAM	1	12	18.18	17.76	18.09	17.83	18.06	19.2	0
5	64QAM	1	24	18.09	17.69	17.95	17.85	17.84		
5	64QAM	12	0	17.78	17.81	18.14	17.86	18.01		
5	64QAM	12	7	17.75	17.91	18.14	17.95	17.97	19.2	0
5	64QAM	12	13	18.01	17.80	18.08	17.77	17.81		
5	64QAM	25	0	18.09	17.78	18.08	17.94	17.99		
5	256QAM	1	0	17.67	17.78	18.01	17.87	17.94		
5	256QAM	1	12	18.07	17.93	17.93	17.85	17.92	19.2	0
5	256QAM	1	24	17.82	17.86	17.91	17.78	18.07		
5	256QAM	12	0	17.96	17.91	17.89	17.93	18.03		
5	256QAM	12	7	18.13	17.80	17.92	17.77	18.02	19.2	0
5	256QAM	12	13	17.81	17.89	18.05	18.01	17.76		
5	256QAM	25	0	17.86	17.85	17.94	17.75	17.82		

GSM1900 Ant2 Default

GSM1900	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	30.33	30.39	30.29	31.00	21.33	21.39	21.29	22.00
GPRS 1 Tx slot	30.27	30.35	30.25	31.00	21.27	21.35	21.25	22.00
GPRS 2 Tx slots	26.90	27.02	26.86	28.00	20.90	21.02	20.86	22.00
GPRS 3 Tx slots	25.60	25.69	25.51	26.20	21.34	21.43	21.25	21.94
GPRS 4 Tx slots	24.48	24.58	24.32	25.00	21.48	21.58	21.32	22.00
EDGE 1 Tx slot	25.58	25.77	25.63	26.50	16.58	16.77	16.63	17.50
EDGE 2 Tx slots	22.38	22.47	22.33	23.50	16.38	16.47	16.33	17.50
EDGE 3 Tx slots	20.53	20.78	20.60	21.70	16.27	16.52	16.34	17.44
EDGE 4 Tx slots	18.56	18.61	18.58	20.50	15.56	15.61	15.58	17.50

WCDMA II Ant2 Default

WCDMA IV Ant2 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	24.34	24.36	24.28	25.00	24.23	24.30	24.17	25.00
3GPP Rel 99	RMC 12.2Kbps	24.40	24.43	24.33	25.00	24.31	24.38	24.28	25.00
3GPP Rel 6	HSDPA Subtest-1	23.35	23.46	23.27	24.00	23.42	23.36	23.19	24.00
3GPP Rel 6	HSDPA Subtest-2	23.64	23.35	23.29	24.00	23.37	23.34	23.34	24.00
3GPP Rel 6	HSDPA Subtest-3	23.03	22.86	22.86	23.50	22.94	22.86	22.65	23.50
3GPP Rel 6	HSDPA Subtest-4	23.03	23.03	22.71	23.50	22.83	22.76	22.89	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	23.47	23.55	23.33	24.00	23.55	23.33	23.17	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	23.35	23.40	23.36	24.00	23.27	23.43	23.11	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	23.10	22.89	22.98	23.50	22.96	22.83	22.61	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	23.06	23.02	22.85	23.50	22.81	22.81	22.73	23.50
3GPP Rel 6	HSUPA Subtest-1	23.48	23.35	23.46	24.00	23.47	23.33	23.25	24.00
3GPP Rel 6	HSUPA Subtest-2	21.63	21.41	21.21	22.00	21.35	21.44	21.26	22.00
3GPP Rel 6	HSUPA Subtest-3	22.51	22.52	22.38	23.00	22.36	22.36	22.39	23.00
3GPP Rel 6	HSUPA Subtest-4	21.49	21.38	21.21	22.00	21.56	21.40	21.27	22.00
3GPP Rel 6	HSUPA Subtest-5	23.47	23.38	23.27	24.00	23.36	23.36	23.33	24.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	21.05	21.03	20.80	21.50	20.93	20.79	20.84	21.50

Band 2 Ant2 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	24.31	24.49	24.40	25.2	0
20	QPSK	1	49	24.26	24.32	24.21		
20	QPSK	1	99	24.22	24.27	24.19		
20	QPSK	50	0	23.28	23.40	23.35	24.2	1
20	QPSK	50	24	23.27	23.32	23.24		
20	QPSK	50	50	23.33	23.38	23.30		
20	QPSK	100	0	23.23	23.37	23.33		
20	16QAM	1	0	23.33	23.42	23.36	24.2	1
20	16QAM	1	49	23.30	23.37	23.24		
20	16QAM	1	99	23.19	23.33	23.29		
20	16QAM	50	0	22.34	22.44	22.40	23.2	2
20	16QAM	50	24	22.29	22.36	22.22		
20	16QAM	50	50	22.28	22.34	22.19		
20	16QAM	100	0	22.32	22.41	22.28		
20	64QAM	1	0	22.28	22.36	22.22	23.2	2
20	64QAM	1	49	22.16	22.24	22.10		
20	64QAM	1	99	22.18	22.30	22.27		
20	64QAM	50	0	21.31	21.39	21.31	22.2	3
20	64QAM	50	24	21.19	21.33	21.19		
20	64QAM	50	50	21.16	21.25	21.11		
20	64QAM	100	0	21.37	21.45	21.34		
20	256QAM	1	0	19.44	19.55	19.50	20.2	5
20	256QAM	1	49	19.42	19.46	19.35		
20	256QAM	1	99	19.39	19.50	19.38		
20	256QAM	50	0	19.33	19.42	19.31	20.2	5
20	256QAM	50	24	19.23	19.31	19.25		
20	256QAM	50	50	19.26	19.32	19.18		
20	256QAM	100	0	19.33	19.46	19.34		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	24.18	24.35	24.33	25.2	0
15	QPSK	1	37	24.16	24.25	24.07		
15	QPSK	1	74	24.19	24.16	24.10		
15	QPSK	36	0	23.15	23.27	23.30	24.2	1
15	QPSK	36	20	23.24	23.20	23.21		
15	QPSK	36	39	23.27	23.30	23.24		
15	QPSK	75	0	23.18	23.28	23.20		
15	16QAM	1	0	23.26	23.35	23.27	24.2	1
15	16QAM	1	37	23.25	23.27	23.13		
15	16QAM	1	74	23.04	23.20	23.23		
15	16QAM	36	0	22.25	22.33	22.33	23.2	2
15	16QAM	36	20	22.17	22.31	22.07		
15	16QAM	36	39	22.15	22.23	22.04		
15	16QAM	75	0	22.27	22.34	22.20		
15	64QAM	1	0	22.22	22.21	22.12	23.2	2
15	64QAM	1	37	22.08	22.14	22.07		
15	64QAM	1	74	22.11	22.25	22.17		
15	64QAM	36	0	21.25	21.28	21.26	22.2	3
15	64QAM	36	20	21.09	21.23	21.05		
15	64QAM	36	39	21.10	21.16	21.04		
15	64QAM	75	0	21.25	21.41	21.28		
15	256QAM	1	0	19.37	19.51	19.45	20.2	5
15	256QAM	1	37	19.38	19.38	19.31		
15	256QAM	1	74	19.25	19.36	19.26		
15	256QAM	36	0	19.28	19.29	19.28	20.2	5
15	256QAM	36	20	19.08	19.20	19.17		
15	256QAM	36	39	19.19	19.23	19.15		
15	256QAM	75	0	19.21	19.39	19.23		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	24.20	24.44	24.33	25.2	0
10	QPSK	1	25	24.14	24.22	24.11		
10	QPSK	1	49	24.11	24.16	24.08		
10	QPSK	25	0	23.21	23.34	23.28	24.2	1
10	QPSK	25	12	23.24	23.28	23.18		
10	QPSK	25	25	23.23	23.25	23.19		
10	QPSK	50	0	23.20	23.25	23.29		
10	16QAM	1	0	23.27	23.32	23.27	24.2	1
10	16QAM	1	25	23.17	23.22	23.15		
10	16QAM	1	49	23.12	23.27	23.22		
10	16QAM	25	0	22.21	22.39	22.26	23.2	2
10	16QAM	25	12	22.26	22.33	22.14		
10	16QAM	25	25	22.19	22.26	22.15		
10	16QAM	50	0	22.19	22.33	22.17		
10	64QAM	1	0	22.17	22.26	22.13	23.2	2
10	64QAM	1	25	22.08	22.18	21.98		
10	64QAM	1	49	22.05	22.26	22.14		
10	64QAM	25	0	21.26	21.33	21.24	22.2	3
10	64QAM	25	12	21.07	21.28	21.04		
10	64QAM	25	25	21.13	21.19	21.08		
10	64QAM	50	0	21.28	21.35	21.24		
10	256QAM	1	0	19.36	19.46	19.36	20.2	5
10	256QAM	1	25	19.34	19.32	19.28		
10	256QAM	1	49	19.33	19.40	19.32		
10	256QAM	25	0	19.21	19.36	19.19	20.2	5
10	256QAM	25	12	19.14	19.20	19.11		
10	256QAM	25	25	19.22	19.24	19.12		
10	256QAM	50	0	19.20	19.41	19.20		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	24.22	24.44	24.27	25.2	0
5	QPSK	1	12	24.17	24.19	24.07		
5	QPSK	1	24	24.10	24.16	24.15		
5	QPSK	12	0	23.19	23.36	23.26	24.2	1
5	QPSK	12	7	23.21	23.27	23.15		
5	QPSK	12	13	23.21	23.35	23.21		
5	QPSK	25	0	23.09	23.30	23.19		
5	16QAM	1	0	23.29	23.38	23.25	24.2	1
5	16QAM	1	12	23.24	23.25	23.17		
5	16QAM	1	24	23.15	23.25	23.15		
5	16QAM	12	0	22.29	22.30	22.32	23.2	2
5	16QAM	12	7	22.18	22.32	22.10		
5	16QAM	12	13	22.21	22.05	22.14		
5	16QAM	25	0	22.18	22.33	22.14		
5	64QAM	1	0	22.22	22.27	22.17	23.2	2
5	64QAM	1	12	22.08	22.09	21.96		
5	64QAM	1	24	22.06	22.15	22.15		
5	64QAM	12	0	21.19	21.27	21.17	22.2	3
5	64QAM	12	7	21.14	21.28	21.11		
5	64QAM	12	13	21.07	21.14	21.02		
5	64QAM	25	0	21.32	21.31	21.22		
5	256QAM	1	0	19.39	19.50	19.36	20.2	5
5	256QAM	1	12	19.28	19.34	19.32		
5	256QAM	1	24	19.33	19.44	19.25		
5	256QAM	12	0	19.22	19.37	19.17	20.2	5
5	256QAM	12	7	19.09	19.17	19.18		
5	256QAM	12	13	19.19	19.28	19.11		
5	256QAM	25	0	19.21	19.38	19.27		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	24.24	24.38	24.30	25.2	0
3	QPSK	1	8	24.21	24.25	24.13		
3	QPSK	1	14	24.11	24.20	24.09		
3	QPSK	8	0	23.19	23.29	23.21	24.2	1
3	QPSK	8	4	23.17	23.26	23.20		
3	QPSK	8	7	23.28	23.30	23.17		
3	QPSK	15	0	23.17	23.30	23.21		
3	16QAM	1	0	23.24	23.39	23.25	24.2	1
3	16QAM	1	8	23.25	23.29	23.16		
3	16QAM	1	14	23.06	23.19	23.14		
3	16QAM	8	0	22.25	22.39	22.33	23.2	2
3	16QAM	8	4	22.22	22.33	22.13		
3	16QAM	8	7	22.24	22.28	22.07		
3	16QAM	15	0	22.20	22.31	22.24		
3	64QAM	1	0	22.15	22.30	22.15	23.2	2
3	64QAM	1	8	22.06	22.19	22.06		
3	64QAM	1	14	22.05	22.16	22.23		
3	64QAM	8	0	21.27	21.24	21.23	22.2	3
3	64QAM	8	4	21.06	21.23	21.10		
3	64QAM	8	7	21.10	21.13	21.03		
3	64QAM	15	0	21.31	21.41	21.22		
3	256QAM	1	0	19.41	19.46	19.38	20.2	5
3	256QAM	1	8	19.29	19.32	19.22		
3	256QAM	1	14	19.25	19.40	19.33		
3	256QAM	8	0	19.21	19.29	19.18	20.2	5
3	256QAM	8	4	19.17	19.16	19.12		
3	256QAM	8	7	19.15	19.27	19.08		
3	256QAM	15	0	19.21	19.37	19.28		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	24.23	24.36	24.36	25.2	0
1.4	QPSK	1	3	24.18	24.20	24.18		
1.4	QPSK	1	5	24.17	24.14	24.05		
1.4	QPSK	3	0	24.17	24.37	24.26		
1.4	QPSK	3	1	24.17	24.28	24.20		
1.4	QPSK	3	3	24.26	24.28	24.23		
1.4	QPSK	6	0	23.16	23.29	23.28	24.2	1
1.4	16QAM	1	0	23.21	23.35	23.23	24.2	1
1.4	16QAM	1	3	23.19	23.29	23.20		
1.4	16QAM	1	5	23.12	23.27	23.22		
1.4	16QAM	3	0	23.20	23.37	23.34		
1.4	16QAM	3	1	23.17	23.27	23.09		
1.4	16QAM	3	3	23.13	23.21	23.06		
1.4	16QAM	6	0	22.18	22.26	22.19	23.2	2
1.4	64QAM	1	0	22.21	22.24	22.08	23.2	2
1.4	64QAM	1	3	22.01	22.20	22.02		
1.4	64QAM	1	5	22.14	22.22	22.14		
1.4	64QAM	3	0	22.19	22.29	22.23		
1.4	64QAM	3	1	22.06	22.27	22.04		
1.4	64QAM	3	3	22.01	22.17	22.02		
1.4	64QAM	6	0	21.31	21.35	21.27	22.2	3
1.4	256QAM	1	0	19.41	19.48	19.42	20.2	5
1.4	256QAM	1	3	19.35	19.35	19.27		
1.4	256QAM	1	5	19.33	19.37	19.27		
1.4	256QAM	3	0	19.28	19.31	19.22		
1.4	256QAM	3	1	19.09	19.24	19.16		
1.4	256QAM	3	3	19.23	19.22	19.04		
1.4	256QAM	6	0	19.21	19.42	19.20	20.2	5

Band 4 Ant2 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	24.87	25.00	24.82	25.7	0
20	QPSK	1	49	24.88	24.97	24.85		
20	QPSK	1	99	24.87	24.98	24.84		
20	QPSK	50	0	23.99	24.03	23.94	24.7	1
20	QPSK	50	24	23.90	23.94	23.90		
20	QPSK	50	50	23.79	23.92	23.87		
20	QPSK	100	0	23.96	24.01	23.97		
20	16QAM	1	0	23.99	24.10	23.98	24.7	1
20	16QAM	1	49	23.97	24.02	23.87		
20	16QAM	1	99	23.85	23.98	23.93		
20	16QAM	50	0	22.91	22.98	22.94	23.7	2
20	16QAM	50	24	22.73	22.85	22.75		
20	16QAM	50	50	22.78	22.92	22.82		
20	16QAM	100	0	22.97	23.03	22.95	23.7	2
20	64QAM	1	0	22.97	23.06	23.00		
20	64QAM	1	49	22.97	23.02	22.90		
20	64QAM	1	99	22.89	22.97	22.88	22.7	3
20	64QAM	50	0	21.87	22.00	21.97		
20	64QAM	50	24	21.74	21.85	21.81		
20	64QAM	50	50	21.87	21.97	21.91		
20	64QAM	100	0	21.97	22.04	21.96		
20	256QAM	1	0	19.77	19.91	19.84	20.7	5
20	256QAM	1	49	19.78	19.82	19.71		
20	256QAM	1	99	19.77	19.82	19.67		
20	256QAM	50	0	19.93	20.04	19.98	20.7	5
20	256QAM	50	24	19.81	19.90	19.81		
20	256QAM	50	50	19.87	19.92	19.87		
20	256QAM	100	0	19.86	20.00	19.96		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	24.80	24.86	24.75	25.7	0
15	QPSK	1	37	24.80	24.94	24.82		
15	QPSK	1	74	24.78	24.86	24.74		
15	QPSK	36	0	23.90	23.98	23.88	24.7	1
15	QPSK	36	20	23.80	23.81	23.75		
15	QPSK	36	39	23.64	23.79	23.76		
15	QPSK	75	0	23.91	23.97	23.84		
15	16QAM	1	0	23.90	23.95	23.85	24.7	1
15	16QAM	1	37	23.92	23.95	23.76		
15	16QAM	1	74	23.82	23.92	23.83		
15	16QAM	36	0	22.86	22.84	22.82	23.7	2
15	16QAM	36	20	22.66	22.80	22.65		
15	16QAM	36	39	22.74	22.80	22.75		
15	16QAM	75	0	22.82	22.95	22.88		
15	64QAM	1	0	22.92	23.02	22.88	23.7	2
15	64QAM	1	37	22.87	22.98	22.83		
15	64QAM	1	74	22.82	22.89	22.74		
15	64QAM	36	0	21.80	21.95	21.89	22.7	3
15	64QAM	36	20	21.61	21.76	21.72		
15	64QAM	36	39	21.76	21.86	21.84		
15	64QAM	75	0	21.85	21.91	21.91		
15	256QAM	1	0	19.63	19.79	19.78	20.7	5
15	256QAM	1	37	19.71	19.78	19.67		
15	256QAM	1	74	19.62	19.76	19.58		
15	256QAM	36	0	19.85	19.96	19.93	20.7	5
15	256QAM	36	20	19.68	19.79	19.67		
15	256QAM	36	39	19.82	19.80	19.75		
15	256QAM	75	0	19.73	19.95	19.84		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	24.81	24.95	24.74	25.7	0
10	QPSK	1	25	24.73	24.91	24.70		
10	QPSK	1	49	24.76	24.92	24.73		
10	QPSK	25	0	23.93	23.99	23.91	24.7	1
10	QPSK	25	12	23.81	23.88	23.84		
10	QPSK	25	25	23.86	23.82	23.81		
10	QPSK	50	0	23.84	23.93	23.94		
10	16QAM	1	0	23.84	24.04	23.95	24.7	1
10	16QAM	1	25	23.69	23.90	23.77		
10	16QAM	1	49	23.80	23.92	23.87		
10	16QAM	25	0	22.87	22.85	22.83	23.7	2
10	16QAM	25	12	22.68	22.81	22.65		
10	16QAM	25	25	22.66	22.82	22.68		
10	16QAM	50	0	22.87	22.92	22.92		
10	64QAM	1	0	22.92	23.01	22.88	23.7	2
10	64QAM	1	25	22.86	22.88	22.83		
10	64QAM	1	49	22.75	22.92	22.77		
10	64QAM	25	0	21.77	21.91	21.91	22.7	3
10	64QAM	25	12	21.67	21.82	21.76		
10	64QAM	25	25	21.73	21.88	21.85		
10	64QAM	50	0	21.91	21.92	21.83		
10	256QAM	1	0	19.73	19.80	19.71	20.7	5
10	256QAM	1	25	19.66	19.78	19.62		
10	256QAM	1	49	19.63	19.74	19.52		
10	256QAM	25	0	19.88	19.91	19.90	20.7	5
10	256QAM	25	12	19.72	19.83	19.77		
10	256QAM	25	25	19.80	19.78	19.76		
10	256QAM	50	0	19.72	19.89	19.87		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	24.83	24.90	24.71	25.7	0
5	QPSK	1	12	24.83	24.86	24.74		
5	QPSK	1	24	24.74	24.87	24.80		
5	QPSK	12	0	23.87	23.95	23.83	24.7	1
5	QPSK	12	7	23.81	23.85	23.82		
5	QPSK	12	13	23.68	23.89	23.76		
5	QPSK	25	0	23.86	23.97	23.89		
5	16QAM	1	0	23.90	24.01	23.87	24.7	1
5	16QAM	1	12	23.90	23.90	23.73		
5	16QAM	1	24	23.80	23.84	23.88		
5	16QAM	12	0	22.83	22.90	22.84	23.7	2
5	16QAM	12	7	22.66	22.79	22.70		
5	16QAM	12	13	22.73	22.79	22.78		
5	16QAM	25	0	22.91	22.96	22.82		
5	64QAM	1	0	22.82	22.95	22.95	23.7	2
5	64QAM	1	12	22.83	22.99	22.79		
5	64QAM	1	24	22.83	22.90	22.79		
5	64QAM	12	0	21.79	21.96	21.88	22.7	3
5	64QAM	12	7	21.61	21.71	21.77		
5	64QAM	12	13	21.74	21.89	21.82		
5	64QAM	25	0	21.85	21.95	21.83		
5	256QAM	1	0	19.64	19.79	19.70	20.7	5
5	256QAM	1	12	19.65	19.77	19.57		
5	256QAM	1	24	19.63	19.75	19.63		
5	256QAM	12	0	19.79	19.91	19.90	20.7	5
5	256QAM	12	7	19.74	19.85	19.68		
5	256QAM	12	13	19.73	19.79	19.82		
5	256QAM	25	0	19.77	19.93	19.90		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	24.80	24.89	24.75	25.7	0
3	QPSK	1	8	24.79	24.83	24.74		
3	QPSK	1	14	24.75	24.89	24.77		
3	QPSK	8	0	23.88	23.96	23.89	24.7	1
3	QPSK	8	4	23.77	23.91	23.84		
3	QPSK	8	7	23.72	23.85	23.83		
3	QPSK	15	0	23.88	23.90	23.89		
3	16QAM	1	0	23.95	24.01	23.89	24.7	1
3	16QAM	1	8	23.82	23.99	23.83		
3	16QAM	1	14	23.71	23.91	23.84		
3	16QAM	8	0	22.78	22.91	22.83	23.7	2
3	16QAM	8	4	22.60	22.77	22.67		
3	16QAM	8	7	22.72	22.80	22.74		
3	16QAM	15	0	22.86	22.88	22.91		
3	64QAM	1	0	22.88	23.03	22.90	23.7	2
3	64QAM	1	8	22.87	22.93	22.83		
3	64QAM	1	14	22.78	22.93	22.77		
3	64QAM	8	0	21.84	21.90	21.88	22.7	3
3	64QAM	8	4	21.62	21.71	21.78		
3	64QAM	8	7	21.81	21.88	21.84		
3	64QAM	15	0	21.93	22.00	21.84		
3	256QAM	1	0	19.62	19.83	19.73	20.7	5
3	256QAM	1	8	19.63	19.70	19.65		
3	256QAM	1	14	19.74	19.67	19.64		
3	256QAM	8	0	19.79	19.99	19.92	20.7	5
3	256QAM	8	4	19.68	19.85	19.68		
3	256QAM	8	7	19.83	19.86	19.74		
3	256QAM	15	0	19.79	19.98	19.92		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	24.73	24.88	24.68	25.7	0
1.4	QPSK	1	3	24.83	24.93	24.73		
1.4	QPSK	1	5	24.77	24.93	24.70		
1.4	QPSK	3	0	24.90	24.90	24.79		
1.4	QPSK	3	1	24.82	24.84	24.84		
1.4	QPSK	3	3	24.67	24.80	24.79		
1.4	QPSK	6	0	23.83	23.97	23.92	24.7	1
1.4	16QAM	1	0	23.86	24.04	23.85	24.7	1
1.4	16QAM	1	3	23.88	23.95	23.81		
1.4	16QAM	1	5	23.76	23.94	23.88		
1.4	16QAM	3	0	23.85	23.86	23.87		
1.4	16QAM	3	1	23.63	23.76	23.68		
1.4	16QAM	3	3	23.69	23.80	23.72		
1.4	16QAM	6	0	22.94	23.00	22.80	23.7	2
1.4	64QAM	1	0	22.91	22.99	22.89	23.7	2
1.4	64QAM	1	3	22.90	22.95	22.82		
1.4	64QAM	1	5	22.77	22.87	22.74		
1.4	64QAM	3	0	22.82	22.86	22.91		
1.4	64QAM	3	1	22.59	22.71	22.74		
1.4	64QAM	3	3	22.73	22.89	22.85		
1.4	64QAM	6	0	21.89	22.00	21.90	22.7	3
1.4	256QAM	1	0	19.73	19.83	19.73	20.7	5
1.4	256QAM	1	3	19.74	19.67	19.67		
1.4	256QAM	1	5	19.68	19.73	19.60		
1.4	256QAM	3	0	19.80	19.97	19.86		
1.4	256QAM	3	1	19.74	19.85	19.66		
1.4	256QAM	3	3	19.73	19.87	19.77		
1.4	256QAM	6	0	19.80	19.86	19.88	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				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	24.83	25.16	25.05	25.7	0
20	QPSK	1	49	24.86	24.98	24.85		
20	QPSK	1	99	24.86	24.90	24.83		
20	QPSK	50	0	24.04	24.13	24.03	24.7	1
20	QPSK	50	24	23.98	24.01	23.87		
20	QPSK	50	50	24.02	24.07	23.98		
20	QPSK	100	0	23.91	24.03	23.89		
20	16QAM	1	0	24.29	24.32	24.26	24.7	1
20	16QAM	1	49	24.12	24.18	24.04		
20	16QAM	1	99	24.22	24.28	24.15		
20	16QAM	50	0	22.98	23.05	22.99	23.7	2
20	16QAM	50	24	22.91	23.00	22.85		
20	16QAM	50	50	22.81	22.94	22.86		
20	16QAM	100	0	22.97	23.01	22.92		
20	64QAM	1	0	23.07	23.12	23.04	23.7	2
20	64QAM	1	49	22.87	23.00	22.89		
20	64QAM	1	99	23.01	23.08	23.02		
20	64QAM	50	0	21.95	22.05	21.91	22.7	3
20	64QAM	50	24	21.78	21.93	21.89		
20	64QAM	50	50	21.93	21.97	21.93		
20	64QAM	100	0	22.07	22.13	22.00		
20	256QAM	1	0	20.08	20.20	20.16	20.7	5
20	256QAM	1	49	19.98	20.07	19.92		
20	256QAM	1	99	20.00	20.12	19.99		
20	256QAM	50	0	19.96	20.08	19.99	20.7	5
20	256QAM	50	24	19.93	20.01	19.94		
20	256QAM	50	50	19.91	19.95	19.89		
20	256QAM	100	0	19.89	20.03	19.96		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	24.71	25.07	24.94	25.7	0
15	QPSK	1	37	24.82	24.84	24.79		
15	QPSK	1	74	24.77	24.87	24.68		
15	QPSK	36	0	23.97	24.09	23.92	24.7	1
15	QPSK	36	20	23.91	23.89	23.78		
15	QPSK	36	39	23.94	23.98	23.92		
15	QPSK	75	0	23.78	23.98	23.82		
15	16QAM	1	0	24.16	24.21	24.13	24.7	1
15	16QAM	1	37	23.99	24.09	23.91		
15	16QAM	1	74	24.17	24.18	24.07		
15	16QAM	36	0	22.89	23.00	22.86	23.7	2
15	16QAM	36	20	22.84	22.87	22.75		
15	16QAM	36	39	22.73	22.86	22.72		
15	16QAM	75	0	22.86	22.94	22.87		
15	64QAM	1	0	23.02	23.01	22.96	23.7	2
15	64QAM	1	37	22.76	22.93	22.86		
15	64QAM	1	74	22.92	22.96	22.90		
15	64QAM	36	0	21.88	22.02	21.85	22.7	3
15	64QAM	36	20	21.65	21.88	21.83		
15	64QAM	36	39	21.87	21.89	21.80		
15	64QAM	75	0	22.02	22.09	21.88		
15	256QAM	1	0	20.01	20.05	20.03	20.7	5
15	256QAM	1	37	19.86	19.98	19.79		
15	256QAM	1	74	19.88	20.00	19.92		
15	256QAM	36	0	19.92	19.95	19.93	20.7	5
15	256QAM	36	20	19.80	19.92	19.82		
15	256QAM	36	39	19.86	19.92	19.79		
15	256QAM	75	0	19.75	19.95	19.84		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	24.71	25.08	24.98	25.7	0
10	QPSK	1	25	24.77	24.88	24.77		
10	QPSK	1	49	24.73	24.85	24.70		
10	QPSK	25	0	23.92	24.08	23.95	24.7	1
10	QPSK	25	12	23.95	23.96	23.74		
10	QPSK	25	25	23.91	24.04	23.86		
10	QPSK	50	0	23.80	23.92	23.81		
10	16QAM	1	0	24.20	24.21	24.18	24.7	1
10	16QAM	1	25	24.01	24.10	23.94		
10	16QAM	1	49	24.11	24.14	24.08		
10	16QAM	25	0	22.85	22.99	22.89	23.7	2
10	16QAM	25	12	22.77	22.89	22.74		
10	16QAM	25	25	22.77	22.80	22.81		
10	16QAM	50	0	22.90	22.89	22.83		
10	64QAM	1	0	23.01	23.00	22.93	23.7	2
10	64QAM	1	25	22.73	22.92	22.82		
10	64QAM	1	49	22.96	23.00	22.96		
10	64QAM	25	0	21.86	21.98	21.86	22.7	3
10	64QAM	25	12	21.72	21.81	21.76		
10	64QAM	25	25	21.88	21.92	21.86		
10	64QAM	50	0	22.00	22.09	21.90		
10	256QAM	1	0	20.00	20.11	20.05	20.7	5
10	256QAM	1	25	19.87	20.01	19.82		
10	256QAM	1	49	19.95	20.08	19.90		
10	256QAM	25	0	19.83	19.94	19.86	20.7	5
10	256QAM	25	12	19.84	19.89	19.80		
10	256QAM	25	25	19.83	19.89	19.81		
10	256QAM	50	0	19.78	19.95	19.84		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	24.68	25.07	24.95	25.7	0
5	QPSK	1	12	24.81	24.90	24.78		
5	QPSK	1	24	24.83	24.78	24.77		
5	QPSK	12	0	23.90	24.03	23.92	24.7	1
5	QPSK	12	7	23.94	23.87	23.83		
5	QPSK	12	13	23.88	23.97	23.87		
5	QPSK	25	0	23.87	24.00	23.82		
5	16QAM	1	0	24.17	24.21	24.14	24.7	1
5	16QAM	1	12	24.08	24.03	23.90		
5	16QAM	1	24	24.15	24.20	24.07		
5	16QAM	12	0	22.87	22.92	22.93	23.7	2
5	16QAM	12	7	22.84	22.90	22.71		
5	16QAM	12	13	22.73	22.85	22.81		
5	16QAM	25	0	22.87	22.93	22.81		
5	64QAM	1	0	22.97	22.97	22.99	23.7	2
5	64QAM	1	12	22.82	22.88	22.76		
5	64QAM	1	24	22.93	22.98	22.98		
5	64QAM	12	0	21.90	21.98	21.87	22.7	3
5	64QAM	12	7	21.64	21.88	21.85		
5	64QAM	12	13	21.79	21.90	21.80		
5	64QAM	25	0	22.03	22.06	21.90		
5	256QAM	1	0	20.03	20.14	20.06	20.7	5
5	256QAM	1	12	19.83	20.00	19.83		
5	256QAM	1	24	19.93	19.97	19.90		
5	256QAM	12	0	19.85	19.93	19.86	20.7	5
5	256QAM	12	7	19.82	19.95	19.82		
5	256QAM	12	13	19.76	19.88	19.78		
5	256QAM	25	0	19.78	19.95	19.84		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	24.99	25.06	24.87	25.7	0
20	QPSK	1	49	24.83	24.97	24.87		
20	QPSK	1	99	24.81	24.93	24.84		
20	QPSK	50	0	23.92	24.06	23.97	24.7	1
20	QPSK	50	24	23.92	24.03	23.94		
20	QPSK	50	50	23.76	23.89	23.83		
20	QPSK	100	0	24.01	24.08	24.02		
20	16QAM	1	0	24.15	24.19	24.15	24.7	1
20	16QAM	1	49	24.01	24.06	24.03		
20	16QAM	1	99	23.98	24.09	23.96		
20	16QAM	50	0	22.86	22.96	22.83	23.7	2
20	16QAM	50	24	22.77	22.90	22.81		
20	16QAM	50	50	22.79	22.92	22.85		
20	16QAM	100	0	22.95	23.03	22.98		
20	64QAM	1	0	22.87	22.96	22.83	23.7	2
20	64QAM	1	49	22.82	22.88	22.74		
20	64QAM	1	99	22.73	22.83	22.76		
20	64QAM	50	0	21.90	21.96	21.90	22.7	3
20	64QAM	50	24	21.87	21.91	21.84		
20	64QAM	50	50	21.87	21.92	21.82		
20	64QAM	100	0	21.95	22.07	22.01		
20	256QAM	1	0	20.03	20.17	20.14	20.7	5
20	256QAM	1	49	20.06	20.10	20.00		
20	256QAM	1	99	20.03	20.13	20.02		
20	256QAM	50	0	19.85	19.89	19.83	20.7	5
20	256QAM	50	24	19.71	19.85	19.75		
20	256QAM	50	50	19.72	19.80	19.69		
20	256QAM	100	0	19.91	20.00	19.88		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	24.89	25.01	24.75	25.7	0
15	QPSK	1	37	24.75	24.88	24.76		
15	QPSK	1	74	24.68	24.88	24.77		
15	QPSK	36	0	23.87	23.96	23.82	24.7	1
15	QPSK	36	20	23.81	23.96	23.80		
15	QPSK	36	39	23.62	23.84	23.76		
15	QPSK	75	0	23.96	23.95	23.91		
15	16QAM	1	0	24.02	24.13	24.00	24.7	1
15	16QAM	1	37	23.86	23.96	23.98		
15	16QAM	1	74	23.91	23.96	23.90		
15	16QAM	36	0	22.78	22.87	22.70	23.7	2
15	16QAM	36	20	22.66	22.76	22.76		
15	16QAM	36	39	22.68	22.83	22.78		
15	16QAM	75	0	22.86	22.90	22.87		
15	64QAM	1	0	22.76	22.92	22.78	23.7	2
15	64QAM	1	37	22.78	22.79	22.67		
15	64QAM	1	74	22.67	22.73	22.70		
15	64QAM	36	0	21.83	21.84	21.83	22.7	3
15	64QAM	36	20	21.82	21.85	21.75		
15	64QAM	36	39	21.79	21.85	21.71		
15	64QAM	75	0	21.93	21.99	21.92		
15	256QAM	1	0	19.93	20.10	20.06	20.7	5
15	256QAM	1	37	19.97	19.97	19.92		
15	256QAM	1	74	19.89	20.09	19.89		
15	256QAM	36	0	19.76	19.79	19.77	20.7	5
15	256QAM	36	20	19.59	19.72	19.67		
15	256QAM	36	39	19.69	19.75	19.60		
15	256QAM	75	0	19.81	19.96	19.84		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	24.91	24.95	24.74	25.7	0
10	QPSK	1	25	24.71	24.89	24.82		
10	QPSK	1	49	24.74	24.88	24.75		
10	QPSK	25	0	23.87	24.03	23.91	24.7	1
10	QPSK	25	12	23.84	23.92	23.83		
10	QPSK	25	25	23.63	23.80	23.79		
10	QPSK	50	0	23.88	24.02	23.94		
10	16QAM	1	0	24.03	24.12	24.10	24.7	1
10	16QAM	1	25	23.95	23.95	23.91		
10	16QAM	1	49	23.86	23.98	23.83		
10	16QAM	25	0	22.77	22.87	22.75	23.7	2
10	16QAM	25	12	22.71	22.81	22.73		
10	16QAM	25	25	22.70	22.85	22.72		
10	16QAM	50	0	22.91	23.00	22.92		
10	64QAM	1	0	22.79	22.93	22.70	23.7	2
10	64QAM	1	25	22.76	22.73	22.66		
10	64QAM	1	49	22.67	22.68	22.67		
10	64QAM	25	0	21.79	21.87	21.79	22.7	3
10	64QAM	25	12	21.83	21.79	21.80		
10	64QAM	25	25	21.76	21.82	21.78		
10	64QAM	50	0	21.92	22.00	21.94		
10	256QAM	1	0	19.90	20.05	19.99	20.7	5
10	256QAM	1	25	19.93	20.03	19.86		
10	256QAM	1	49	19.99	20.05	19.93		
10	256QAM	25	0	19.77	19.81	19.78	20.7	5
10	256QAM	25	12	19.68	19.80	19.64		
10	256QAM	25	25	19.58	19.76	19.63		
10	256QAM	50	0	19.78	19.86	19.76		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	24.92	24.91	24.79	25.7	0
5	QPSK	1	12	24.70	24.93	24.82		
5	QPSK	1	24	24.71	24.79	24.77		
5	QPSK	12	0	23.86	24.00	23.86	24.7	1
5	QPSK	12	7	23.84	23.94	23.86		
5	QPSK	12	13	23.71	23.81	23.70		
5	QPSK	25	0	23.91	24.04	23.99		
5	16QAM	1	0	24.04	24.07	24.00	24.7	1
5	16QAM	1	12	23.92	23.98	23.96		
5	16QAM	1	24	23.84	23.97	23.91		
5	16QAM	12	0	22.75	22.93	22.78	23.7	2
5	16QAM	12	7	22.63	22.77	22.68		
5	16QAM	12	13	22.68	22.88	22.74		
5	16QAM	25	0	22.85	22.91	22.89		
5	64QAM	1	0	22.81	22.88	22.77	23.7	2
5	64QAM	1	12	22.69	22.76	22.70		
5	64QAM	1	24	22.67	22.73	22.63		
5	64QAM	12	0	21.87	21.90	21.86	22.7	3
5	64QAM	12	7	21.77	21.83	21.74		
5	64QAM	12	13	21.74	21.80	21.68		
5	64QAM	25	0	21.96	21.97	21.90		
5	256QAM	1	0	19.93	20.05	20.08	20.7	5
5	256QAM	1	12	19.96	19.99	19.90		
5	256QAM	1	24	19.93	19.98	19.96		
5	256QAM	12	0	19.76	19.76	19.78	20.7	5
5	256QAM	12	7	19.62	19.80	19.70		
5	256QAM	12	13	19.61	19.76	19.61		
5	256QAM	25	0	19.87	19.92	19.74		
Channel				131827	132322	132817	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	24.93	24.97	24.82	25.7	0
3	QPSK	1	8	24.73	24.83	24.75		
3	QPSK	1	14	24.69	24.84	24.74		
3	QPSK	8	0	23.82	23.91	23.94	24.7	1
3	QPSK	8	4	23.88	23.93	23.91		
3	QPSK	8	7	23.64	23.74	23.75		
3	QPSK	15	0	23.91	24.03	23.91		
3	16QAM	1	0	24.04	24.14	24.11	24.7	1
3	16QAM	1	8	23.97	23.93	23.95		
3	16QAM	1	14	23.87	23.97	23.81		
3	16QAM	8	0	22.77	22.81	22.69	23.7	2
3	16QAM	8	4	22.69	22.77	22.77		
3	16QAM	8	7	22.73	22.81	22.77		
3	16QAM	15	0	22.83	22.91	22.84		
3	64QAM	1	0	22.78	22.88	22.70	23.7	2
3	64QAM	1	8	22.68	22.74	22.68		
3	64QAM	1	14	22.66	22.77	22.62		
3	64QAM	8	0	21.77	21.87	21.77	22.7	3
3	64QAM	8	4	21.79	21.79	21.76		
3	64QAM	8	7	21.82	21.82	21.72		
3	64QAM	15	0	21.86	21.98	21.90		
3	256QAM	1	0	19.94	20.07	20.06	20.7	5
3	256QAM	1	8	19.95	20.01	19.91		
3	256QAM	1	14	20.00	20.05	19.87		
3	256QAM	8	0	19.71	19.82	19.69	20.7	5
3	256QAM	8	4	19.67	19.78	19.62		
3	256QAM	8	7	19.60	19.67	19.57		
3	256QAM	15	0	19.80	19.95	19.74		
Channel				131975	132322	132645	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	24.92	25.00	24.79	25.7	0
1.4	QPSK	1	3	24.74	24.89	24.74		
1.4	QPSK	1	5	24.67	24.84	24.69		
1.4	QPSK	3	0	24.83	24.95	24.88		
1.4	QPSK	3	1	24.77	24.91	24.80		
1.4	QPSK	3	3	24.69	24.81	24.77		
1.4	QPSK	6	0	23.90	23.93	23.97	24.7	1
1.4	16QAM	1	0	24.01	24.05	24.04	24.7	1
1.4	16QAM	1	3	23.86	24.02	23.92		
1.4	16QAM	1	5	23.84	23.94	23.89		
1.4	16QAM	3	0	23.72	23.81	23.68		
1.4	16QAM	3	1	23.68	23.80	23.69		
1.4	16QAM	3	3	23.68	23.79	23.70		
1.4	16QAM	6	0	22.86	22.92	22.91	23.7	2
1.4	64QAM	1	0	22.76	22.89	22.75	23.7	2
1.4	64QAM	1	3	22.71	22.84	22.66		
1.4	64QAM	1	5	22.63	22.75	22.66		
1.4	64QAM	3	0	22.83	22.81	22.86		
1.4	64QAM	3	1	22.82	22.82	22.74		
1.4	64QAM	3	3	22.83	22.86	22.71		
1.4	64QAM	6	0	21.98	22.01	21.95	22.7	3
1.4	256QAM	1	0	19.94	20.09	20.09	20.7	5
1.4	256QAM	1	3	19.97	19.95	19.87		
1.4	256QAM	1	5	19.96	20.07	19.88		
1.4	256QAM	3	0	19.76	19.81	19.78		
1.4	256QAM	3	1	19.65	19.71	19.63		
1.4	256QAM	3	3	19.68	19.65	19.56		
1.4	256QAM	6	0	19.76	19.95	19.83	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				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	25.06	25.10	25.03	25.7	0
20	QPSK	1	49	25.00	25.05	24.99		
20	QPSK	1	99	24.93	24.96	24.85		
20	QPSK	50	0	24.08	24.11	23.96	24.7	1
20	QPSK	50	24	24.00	24.07	23.94		
20	QPSK	50	50	23.91	24.00	23.88		
20	QPSK	100	0	23.93	24.06	23.94		
20	16QAM	1	0	24.03	24.18	24.06	24.7	1
20	16QAM	1	49	24.05	24.15	24.07		
20	16QAM	1	99	24.03	24.13	24.05		
20	16QAM	50	0	23.03	23.13	23.06	23.7	2
20	16QAM	50	24	22.93	23.07	22.96		
20	16QAM	50	50	22.96	23.01	22.98		
20	16QAM	100	0	22.91	23.02	22.90		
20	64QAM	1	0	22.94	23.09	22.95	23.7	2
20	64QAM	1	49	22.90	23.01	22.86		
20	64QAM	1	99	22.97	23.05	23.02		
20	64QAM	50	0	21.98	22.07	21.99	22.7	3
20	64QAM	50	24	21.89	22.01	21.90		
20	64QAM	50	50	21.85	21.98	21.91		
20	64QAM	100	0	21.97	22.05	21.96		
20	256QAM	1	0	20.03	20.11	19.97	20.7	5
20	256QAM	1	49	19.94	20.01	19.96		
20	256QAM	1	99	19.89	20.00	19.94		
20	256QAM	50	0	19.99	20.09	19.99	20.7	5
20	256QAM	50	24	19.98	20.04	19.94		
20	256QAM	50	50	19.86	19.96	19.90		
20	256QAM	100	0	19.97	20.04	19.92		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	25.00	25.06	25.04	25.7	0
15	QPSK	1	37	24.92	24.93	24.91		
15	QPSK	1	74	24.81	24.86	24.72		
15	QPSK	36	0	23.99	23.97	23.87	24.7	1
15	QPSK	36	20	23.97	23.99	23.87		
15	QPSK	36	39	23.82	23.92	23.83		
15	QPSK	75	0	23.83	23.96	23.80		
15	16QAM	1	0	23.99	24.08	23.91	24.7	1
15	16QAM	1	37	23.95	24.04	23.97		
15	16QAM	1	74	23.97	24.04	23.99		
15	16QAM	36	0	22.88	23.08	22.99	23.7	2
15	16QAM	36	20	22.80	23.00	22.92		
15	16QAM	36	39	22.90	22.86	22.92		
15	16QAM	75	0	22.76	22.88	22.80		
15	64QAM	1	0	22.90	22.99	22.89	23.7	2
15	64QAM	1	37	22.80	22.91	22.82		
15	64QAM	1	74	22.93	22.97	22.94		
15	64QAM	36	0	21.84	21.97	21.92	22.7	3
15	64QAM	36	20	21.84	21.96	21.78		
15	64QAM	36	39	21.78	21.94	21.76		
15	64QAM	75	0	21.92	21.94	21.87		
15	256QAM	1	0	19.92	20.05	19.83	20.7	5
15	256QAM	1	37	19.91	19.97	19.83		
15	256QAM	1	74	19.78	19.85	19.79		
15	256QAM	36	0	19.84	19.97	19.87	20.7	5
15	256QAM	36	20	19.83	19.92	19.87		
15	256QAM	36	39	19.79	19.91	19.83		
15	256QAM	75	0	19.83	19.95	19.82		
Channel				37600	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	24.94	25.08	25.04	25.7	0
10	QPSK	1	25	24.90	24.94	24.92		
10	QPSK	1	49	24.78	24.86	24.81		
10	QPSK	25	0	24.05	24.07	23.82	24.7	1
10	QPSK	25	12	23.89	23.96	23.82		
10	QPSK	25	25	23.87	23.88	23.85		
10	QPSK	50	0	23.81	24.02	23.84		
10	16QAM	1	0	23.95	24.09	23.93	24.7	1
10	16QAM	1	25	23.95	24.08	23.96		
10	16QAM	1	49	24.00	24.09	23.95		
10	16QAM	25	0	23.00	23.05	22.92	23.7	2
10	16QAM	25	12	22.82	22.96	22.92		
10	16QAM	25	25	22.88	22.90	22.85		
10	16QAM	50	0	22.85	22.91	22.76		
10	64QAM	1	0	22.90	22.99	22.81	23.7	2
10	64QAM	1	25	22.78	22.93	22.76		
10	64QAM	1	49	22.91	22.92	22.97		
10	64QAM	25	0	21.88	21.97	21.95	22.7	3
10	64QAM	25	12	21.83	21.89	21.75		
10	64QAM	25	25	21.70	21.87	21.86		
10	64QAM	50	0	21.85	21.97	21.92		
10	256QAM	1	0	19.96	20.06	19.85	20.7	5
10	256QAM	1	25	19.81	19.95	19.86		
10	256QAM	1	49	19.75	19.93	19.83		
10	256QAM	25	0	19.95	19.95	19.88	20.7	5
10	256QAM	25	12	19.87	19.90	19.88		
10	256QAM	25	25	19.72	19.84	19.76		
10	256QAM	50	0	19.89	19.91	19.85		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	24.98	25.04	24.97	25.7	0
5	QPSK	1	12	24.96	24.94	24.87		
5	QPSK	1	24	24.82	24.84	24.77		
5	QPSK	12	0	24.00	23.99	23.83	24.7	1
5	QPSK	12	7	23.88	23.92	23.90		
5	QPSK	12	13	23.78	23.86	23.78		
5	QPSK	25	0	23.78	23.91	23.83		
5	16QAM	1	0	23.96	24.05	24.02	24.7	1
5	16QAM	1	12	24.00	24.09	24.00		
5	16QAM	1	24	23.90	24.00	23.99		
5	16QAM	12	0	22.99	23.01	22.99	23.7	2
5	16QAM	12	7	22.89	22.95	22.84		
5	16QAM	12	13	22.87	22.96	22.93		
5	16QAM	25	0	22.78	22.92	22.75		
5	64QAM	1	0	22.90	22.96	22.85	23.7	2
5	64QAM	1	12	22.76	22.87	22.73		
5	64QAM	1	24	22.93	22.90	22.92		
5	64QAM	12	0	21.93	21.95	21.88	22.7	3
5	64QAM	12	7	21.75	21.91	21.79		
5	64QAM	12	13	21.77	21.87	21.88		
5	64QAM	25	0	21.90	21.94	21.91		
5	256QAM	1	0	19.99	20.03	19.83	20.7	5
5	256QAM	1	12	19.86	19.96	19.88		
5	256QAM	1	24	19.84	19.89	19.83		
5	256QAM	12	0	19.95	20.00	19.87	20.7	5
5	256QAM	12	7	19.90	19.90	19.90		
5	256QAM	12	13	19.75	19.87	19.77		
5	256QAM	25	0	19.82	20.01	19.88		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	25.11	25.12	25.16	25.00	25.10	25.7	0
20	QPSK	1	49	24.91	24.83	24.95	24.81	24.90		
20	QPSK	1	99	24.85	24.83	24.89	24.84	24.81		
20	QPSK	50	0	23.95	23.96	24.02	23.89	23.96	24.7	1
20	QPSK	50	24	23.90	23.86	23.99	23.91	23.95		
20	QPSK	50	50	23.86	23.81	23.94	23.84	23.89		
20	QPSK	100	0	23.92	23.94	24.01	23.95	23.97		
20	16QAM	1	0	24.00	23.96	24.10	24.00	23.98	24.7	1
20	16QAM	1	49	23.88	23.91	23.99	23.98	23.86		
20	16QAM	1	99	23.94	23.93	24.05	23.98	23.94		
20	16QAM	50	0	23.00	22.97	23.04	22.98	22.95	23.7	2
20	16QAM	50	24	22.93	22.93	22.99	22.90	22.75		
20	16QAM	50	50	22.94	22.97	23.00	22.87	22.85		
20	16QAM	100	0	22.93	22.87	22.99	22.89	22.86		
20	64QAM	1	0	23.01	22.93	23.05	22.96	22.97	23.7	2
20	64QAM	1	49	22.82	22.89	22.93	22.88	22.79		
20	64QAM	1	99	22.93	22.90	22.99	22.90	22.91		
20	64QAM	50	0	21.97	21.91	22.03	21.93	21.92	22.7	3
20	64QAM	50	24	21.84	21.89	21.96	21.84	21.86		
20	64QAM	50	50	21.81	21.88	21.93	21.87	21.88		
20	64QAM	100	0	21.88	21.95	22.01	21.91	21.98		
20	256QAM	1	0	20.03	19.97	20.09	19.98	19.95	20.7	5
20	256QAM	1	49	19.96	19.96	20.05	20.01	19.88		
20	256QAM	1	99	19.90	19.97	20.03	19.89	19.89		
20	256QAM	50	0	19.98	19.96	20.10	19.99	19.96	20.7	5
20	256QAM	50	24	19.92	19.99	20.05	20.00	20.00		
20	256QAM	50	50	19.84	19.97	20.04	19.94	19.87		
20	256QAM	100	0	19.91	19.93	20.05	19.93	19.95		
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	24.99	25.02	24.98	24.94	25.02	26	0
15	QPSK	1	37	24.87	24.87	24.70	24.78	24.79		
15	QPSK	1	74	24.75	24.79	24.70	24.75	24.68		
15	QPSK	36	0	23.92	23.88	23.91	23.83	23.92	24.7	1
15	QPSK	36	20	23.76	23.90	23.83	23.79	23.84		
15	QPSK	36	39	23.77	23.86	23.75	23.69	23.78		
15	QPSK	75	0	23.80	23.89	23.81	23.89	23.87		
15	16QAM	1	0	23.86	23.96	23.84	23.86	23.85	24.7	1
15	16QAM	1	37	23.79	23.86	23.77	23.95	23.80		
15	16QAM	1	74	23.83	23.97	23.84	23.86	23.87		
15	16QAM	36	0	22.89	22.97	22.88	22.92	22.86	23.7	2
15	16QAM	36	20	22.87	22.84	22.87	22.90	22.64		
15	16QAM	36	39	22.90	22.87	22.92	22.75	22.72		
15	16QAM	75	0	22.84	22.84	22.79	22.81	22.74		
15	64QAM	1	0	22.88	22.93	22.83	22.92	22.88	23.7	2
15	64QAM	1	37	22.75	22.89	22.85	22.85	22.76		
15	64QAM	1	74	22.88	22.89	22.84	22.84	22.84		
15	64QAM	36	0	21.94	21.95	21.81	21.82	21.79	22.7	3
15	64QAM	36	20	21.77	21.90	21.76	21.70	21.81		
15	64QAM	36	39	21.72	21.90	21.83	21.77	21.83		
15	64QAM	75	0	21.75	21.91	21.89	21.77	21.88		
15	256QAM	1	0	19.93	19.88	19.98	19.88	19.85	20.7	5
15	256QAM	1	37	19.93	19.89	19.95	19.90	19.80		
15	256QAM	1	74	19.81	19.88	19.96	19.86	19.75		
15	256QAM	36	0	19.89	19.88	20.04	19.86	19.93	20.7	5
15	256QAM	36	20	19.77	19.86	19.98	19.88	19.95		
15	256QAM	36	39	19.70	19.93	19.91	19.86	19.78		
15	256QAM	75	0	19.78	19.84	19.93	19.81	19.88		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	24.99	25.02	25.06	24.86	25.06	25.70	0
10	QPSK	1	25	24.86	24.82	24.77	24.69	24.77		
10	QPSK	1	49	24.77	24.76	24.74	24.80	24.68		
10	QPSK	25	0	23.83	23.97	23.89	23.84	23.92	24.7	1
10	QPSK	25	12	23.76	23.92	23.73	23.76	23.85		
10	QPSK	25	25	23.73	23.79	23.77	23.78	23.78		
10	QPSK	50	0	23.88	23.94	23.89	23.89	23.82		
10	16QAM	1	0	23.85	23.99	23.85	23.88	23.92	24.7	1
10	16QAM	1	25	23.84	23.88	23.84	23.92	23.73		
10	16QAM	1	49	23.80	23.99	23.90	23.93	23.84		
10	16QAM	25	0	22.87	22.94	22.85	22.90	22.84	23.7	2
10	16QAM	25	12	22.87	22.96	22.88	22.87	22.66		
10	16QAM	25	25	22.86	22.90	22.94	22.82	22.75		
10	16QAM	50	0	22.79	22.86	22.77	22.81	22.82		
10	64QAM	1	0	22.87	22.91	22.80	22.81	22.90	23.7	2
10	64QAM	1	25	22.71	22.79	22.81	22.77	22.74		
10	64QAM	1	49	22.83	22.95	22.75	22.84	22.86		
10	64QAM	25	0	21.90	21.94	21.79	21.82	21.78	22.7	3
10	64QAM	25	12	21.75	21.91	21.77	21.74	21.78		
10	64QAM	25	25	21.75	21.85	21.82	21.75	21.73		
10	64QAM	50	0	21.76	21.96	21.91	21.81	21.94		
10	256QAM	1	0	19.89	19.93	20.01	19.84	19.90	20.7	5
10	256QAM	1	25	19.92	19.87	20.00	19.97	19.94		
10	256QAM	1	49	19.84	19.86	19.98	19.80	19.83		
10	256QAM	25	0	19.85	19.83	20.02	19.92	19.87	20.7	5
10	256QAM	25	12	19.77	19.94	20.00	19.92	19.96		
10	256QAM	25	25	19.72	19.91	20.00	19.79	19.73		
10	256QAM	50	0	19.82	19.83	20.00	19.90	19.89		
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	24.98	25.03	25.07	24.92	25.06	25.70	0
5	QPSK	1	12	24.81	24.85	24.69	24.68	24.83		
5	QPSK	1	24	24.77	24.85	24.74	24.77	24.71		
5	QPSK	12	0	23.83	23.92	23.82	23.80	23.91	24.7	1
5	QPSK	12	7	23.80	23.95	23.75	23.84	23.88		
5	QPSK	12	13	23.72	23.86	23.77	23.79	23.75		
5	QPSK	25	0	23.86	23.95	23.82	23.81	23.91		
5	16QAM	1	0	23.90	23.98	23.87	23.88	23.93	24.7	1
5	16QAM	1	12	23.75	23.85	23.80	23.83	23.73		
5	16QAM	1	24	23.83	23.92	23.84	23.85	23.86		
5	16QAM	12	0	22.92	22.96	22.89	22.87	22.83	23.7	2
5	16QAM	12	7	22.88	22.88	22.80	22.84	22.69		
5	16QAM	12	13	22.82	22.88	22.85	22.73	22.74		
5	16QAM	25	0	22.88	22.91	22.84	22.83	22.74		
5	64QAM	1	0	22.90	23.02	22.79	22.90	22.88	23.7	2
5	64QAM	1	12	22.73	22.84	22.81	22.79	22.73		
5	64QAM	1	24	22.84	22.85	22.86	22.78	22.78		
5	64QAM	12	0	21.91	21.96	21.82	21.88	21.89	22.7	3
5	64QAM	12	7	21.78	21.89	21.81	21.82	21.81		
5	64QAM	12	13	21.74	21.83	21.81	21.74	21.84		
5	64QAM	25	0	21.84	21.89	21.87	21.84	21.91		
5	256QAM	1	0	19.92	19.92	20.00	19.95	19.80	20.7	5
5	256QAM	1	12	19.84	19.85	19.91	19.94	19.76		
5	256QAM	1	24	19.85	19.90	19.92	19.79	19.79		
5	256QAM	12	0	19.93	19.82	19.99	19.95	19.88	20.7	5
5	256QAM	12	7	19.85	19.85	19.92	19.94	19.93		
5	256QAM	12	13	19.77	19.85	19.92	19.79	19.75		
5	256QAM	25	0	19.77	19.87	19.97	19.87	19.82		

Band 4 Ant3 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				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	18.44	18.54	18.42		
20	QPSK	1	49	18.28	18.46	18.43	20	0
20	QPSK	1	99	18.39	18.37	18.41		
20	QPSK	50	0	18.24	18.47	18.34		
20	QPSK	50	24	18.26	18.45	18.28	20	0
20	QPSK	50	50	18.37	18.16	18.44		
20	QPSK	100	0	18.25	18.32	18.31		
20	16QAM	1	0	18.37	18.41	18.36		
20	16QAM	1	49	18.37	18.18	18.42	20	0
20	16QAM	1	99	18.24	18.33	18.37		
20	16QAM	50	0	18.22	18.36	18.36		
20	16QAM	50	24	18.24	18.32	18.22	20	0
20	16QAM	50	50	18.10	18.41	18.23		
20	16QAM	100	0	18.25	18.40	18.45		
20	64QAM	1	0	18.38	18.27	18.30		
20	64QAM	1	49	18.24	18.22	18.22	20	0
20	64QAM	1	99	18.23	18.34	18.35		
20	64QAM	50	0	18.08	18.27	18.37		
20	64QAM	50	24	18.37	18.33	18.33	20	0
20	64QAM	50	50	18.26	18.30	18.30		
20	64QAM	100	0	18.27	18.34	18.44		
20	256QAM	1	0	18.21	18.26	18.43		
20	256QAM	1	49	18.26	18.31	18.30	20	0
20	256QAM	1	99	18.13	18.45	18.19		
20	256QAM	50	0	18.27	18.36	18.18		
20	256QAM	50	24	18.26	18.46	18.44	20	0
20	256QAM	50	50	18.37	18.34	18.16		
20	256QAM	100	0	18.16	18.23	18.21		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	18.22	18.42	18.20		
15	QPSK	1	37	18.28	18.37	18.27	20	0
15	QPSK	1	74	18.29	18.24	18.42		
15	QPSK	36	0	18.14	18.30	18.18		
15	QPSK	36	20	18.05	18.31	18.06	20	0
15	QPSK	36	39	18.37	18.39	18.30		
15	QPSK	75	0	18.37	18.14	18.10		
15	16QAM	1	0	18.23	18.33	18.17		
15	16QAM	1	37	18.24	18.34	18.27	20	0
15	16QAM	1	74	18.25	18.20	18.23		
15	16QAM	36	0	18.20	18.15	18.14		
15	16QAM	36	20	18.20	18.13	18.11	20	0
15	16QAM	36	39	18.38	18.20	18.22		
15	16QAM	75	0	18.22	18.27	18.32		
15	64QAM	1	0	18.34	18.12	18.12		
15	64QAM	1	37	18.24	18.18	18.16	20	0
15	64QAM	1	74	18.25	18.34	18.36		
15	64QAM	36	0	18.25	18.09	18.33		
15	64QAM	36	20	18.38	18.14	18.23	20	0
15	64QAM	36	39	18.15	18.18	18.17		
15	64QAM	75	0	18.12	18.46	18.30		
15	256QAM	1	0	18.14	18.20	18.36		
15	256QAM	1	37	18.20	18.14	18.19	20	0
15	256QAM	1	74	18.13	18.26	18.01		
15	256QAM	36	0	18.21	18.29	18.05		
15	256QAM	36	20	18.09	18.44	18.38	20	0
15	256QAM	36	39	18.23	18.27	18.18		
15	256QAM	75	0	18.11	18.24	18.09		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	18.29	18.37	18.28		
10	QPSK	1	25	18.28	18.47	18.29	20	0
10	QPSK	1	49	18.31	18.16	18.24		
10	QPSK	25	0	18.13	18.33	18.24		
10	QPSK	25	12	18.10	18.28	18.25	20	0
10	QPSK	25	25	18.19	18.46	18.31		
10	QPSK	50	0	18.46	18.14	18.15		
10	16QAM	1	0	18.32	18.33	18.30		
10	16QAM	1	25	18.35	18.42	18.24	20	0
10	16QAM	1	49	18.07	18.27	18.32		
10	16QAM	25	0	18.21	18.37	18.24		
10	16QAM	25	12	18.07	18.27	18.15	20	0
10	16QAM	25	25	18.00	18.21	18.10		
10	16QAM	50	0	18.06	18.20	18.27		
10	64QAM	1	0	18.30	18.20	18.23		
10	64QAM	1	25	18.10	18.05	18.19	20	0
10	64QAM	1	49	18.17	18.18	18.24		
10	64QAM	25	0	18.02	18.05	18.15		
10	64QAM	25	12	18.37	18.25	18.19	20	0
10	64QAM	25	25	18.12	18.19	18.30		
10	64QAM	50	0	18.17	18.36	18.25		
10	256QAM	1	0	18.18	18.18	18.34		
10	256QAM	1	25	18.08	18.10	18.08	20	0
10	256QAM	1	49	18.11	18.25	18.13		
10	256QAM	25	0	18.15	18.25	18.01		
10	256QAM	25	12	18.21	18.30	18.45	20	0
10	256QAM	25	25	18.22	18.22	18.18		
10	256QAM	50	0	18.33	18.12	18.19		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	18.37	18.36	18.29		
5	QPSK	1	12	18.17	18.25	18.26	20	0
5	QPSK	1	24	18.41	18.21	18.22		
5	QPSK	12	0	18.25	18.34	18.14		
5	QPSK	12	7	18.23	18.36	18.16	20	0
5	QPSK	12	13	18.33	18.45	18.41		
5	QPSK	25	0	18.45	18.13	18.23		
5	16QAM	1	0	18.30	18.28	18.26		
5	16QAM	1	12	18.24	18.39	18.39	20	0
5	16QAM	1	24	18.15	18.17	18.31		
5	16QAM	12	0	18.08	18.18	18.18		
5	16QAM	12	7	18.23	18.15	18.20	20	0
5	16QAM	12	13	18.26	18.33	18.02		
5	16QAM	25	0	18.03	18.20	18.40		
5	64QAM	1	0	18.23	18.17	18.27		
5	64QAM	1	12	18.16	18.16	18.09	20	0
5	64QAM	1	24	18.18	18.23	18.33		
5	64QAM	12	0	18.24	18.11	18.35		
5	64QAM	12	7	18.31	18.33	18.30	20	0
5	64QAM	12	13	18.24	18.18	18.19		
5	64QAM	25	0	18.26	18.46	18.31		
5	256QAM	1	0	18.22	18.16	18.41		
5	256QAM	1	12	18.08	18.25	18.13	20	0
5	256QAM	1	24	18.08	18.35	18.04		
5	256QAM	12	0	18.19	18.31	18.14		
5	256QAM	12	7	18.20	18.47	18.36	20	0
5	256QAM	12	13	18.21	18.20	18.26		
5	256QAM	25	0	18.03	18.10	18.04		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	18.36	18.42	18.26		
3	QPSK	1	8	18.19	18.33	18.21	20	0
3	QPSK	1	14	18.26	18.26	18.29		
3	QPSK	8	0	18.13	18.49	18.12		
3	QPSK	8	4	18.22	18.46	18.17	20	0
3	QPSK	8	7	18.21	18.50	18.28		
3	QPSK	15	0	18.28	18.29	18.23		
3	16QAM	1	0	18.32	18.42	18.15		
3	16QAM	1	8	18.22	18.52	18.29	20	0
3	16QAM	1	14	18.24	18.34	18.24		
3	16QAM	8	0	18.15	18.25	18.32		
3	16QAM	8	4	18.09	18.10	18.09	20	0
3	16QAM	8	7	18.06	18.23	18.05		
3	16QAM	15	0	18.14	18.22	18.28		
3	64QAM	1	0	18.18	18.24	18.27		
3	64QAM	1	8	18.13	18.07	18.27	20	0
3	64QAM	1	14	18.02	18.31	18.22		
3	64QAM	8	0	18.22	18.26	18.31		
3	64QAM	8	4	18.24	18.34	18.14	20	0
3	64QAM	8	7	18.24	18.31	18.11		
3	64QAM	15	0	18.22	18.49	18.31		
3	256QAM	1	0	18.08	18.05	18.25		
3	256QAM	1	8	18.10	18.17	18.13	20	0
3	256QAM	1	14	18.21	18.45	18.04		
3	256QAM	8	0	18.26	18.18	18.02		
3	256QAM	8	4	18.25	18.35	18.45	20	0
3	256QAM	8	7	18.35	18.35	18.05		
3	256QAM	15	0	18.09	18.07	18.08		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	18.34	18.38	18.36		
1.4	QPSK	1	3	18.30	18.42	18.43		
1.4	QPSK	1	5	18.31	18.17	18.42	20	0
1.4	QPSK	3	0	18.16	18.31	18.19		
1.4	QPSK	3	1	18.07	18.34	18.07		
1.4	QPSK	3	3	18.21	18.44	18.33		
1.4	QPSK	6	0	18.44	18.11	18.29	20	0
1.4	16QAM	1	0	18.26	18.24	18.37		
1.4	16QAM	1	3	18.24	18.37	18.41		
1.4	16QAM	1	5	18.06	18.30	18.21	20	0
1.4	16QAM	3	0	18.00	18.16	18.22		
1.4	16QAM	3	1	18.24	18.25	18.00		
1.4	16QAM	3	3	18.07	18.29	18.17		
1.4	16QAM	6	0	18.21	18.22	18.24	20	0
1.4	64QAM	1	0	18.16	18.21	18.31		
1.4	64QAM	1	3	18.26	18.14	18.06		
1.4	64QAM	1	5	18.05	18.12	18.16	20	0
1.4	64QAM	3	0	18.06	18.13	18.37		
1.4	64QAM	3	1	18.27	18.13	18.14		
1.4	64QAM	3	3	18.21	18.14	18.25		
1.4	64QAM	6	0	18.13	18.20	18.25	20	0
1.4	256QAM	1	0	18.02	18.25	18.35		
1.4	256QAM	1	3	18.08	18.11	18.17		
1.4	256QAM	1	5	18.04	18.37	18.13	20	0
1.4	256QAM	3	0	18.27	18.26	18.20		
1.4	256QAM	3	1	18.18	18.25	18.34		
1.4	256QAM	3	3	18.30	18.36	18.18		
1.4	256QAM	6	0	18.15	18.09	18.19	20	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	17.38	17.51	17.44		
20	QPSK	1	49	17.19	17.41	17.26	18.5	0
20	QPSK	1	99	17.30	17.39	17.39		
20	QPSK	50	0	17.16	17.49	17.43		
20	QPSK	50	24	17.16	17.30	17.23	18.5	0
20	QPSK	50	50	17.29	17.26	17.32		
20	QPSK	100	0	17.15	17.42	17.28		
20	16QAM	1	0	17.22	17.38	17.12		
20	16QAM	1	49	17.16	17.21	17.27	18.5	0
20	16QAM	1	99	17.20	17.39	17.17		
20	16QAM	50	0	17.31	17.21	17.40		
20	16QAM	50	24	17.26	17.21	17.34	18.5	0
20	16QAM	50	50	17.30	17.20	17.18		
20	16QAM	100	0	17.09	17.19	17.34		
20	64QAM	1	0	17.21	17.43	17.32		
20	64QAM	1	49	17.18	17.40	17.09	18.5	0
20	64QAM	1	99	17.14	17.17	17.24		
20	64QAM	50	0	17.21	17.35	17.25		
20	64QAM	50	24	17.16	17.38	17.16	18.5	0
20	64QAM	50	50	17.29	17.25	17.33		
20	64QAM	100	0	17.11	17.36	17.17		
20	256QAM	1	0	17.29	17.50	17.40		
20	256QAM	1	49	17.18	17.21	17.24	18.5	0
20	256QAM	1	99	17.11	17.34	17.23		
20	256QAM	50	0	17.34	17.30	17.28		
20	256QAM	50	24	17.26	17.36	17.30	18.5	0
20	256QAM	50	50	17.20	17.32	17.35		
20	256QAM	100	0	17.06	17.39	17.33		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	17.24	17.38	17.24		
15	QPSK	1	37	17.09	17.23	17.09	18.5	0
15	QPSK	1	74	17.21	17.28	17.39		
15	QPSK	36	0	17.02	17.46	17.33		
15	QPSK	36	20	17.18	17.27	17.14	18.5	0
15	QPSK	36	39	17.13	17.27	17.32		
15	QPSK	75	0	17.08	17.39	17.25		
15	16QAM	1	0	17.24	17.18	17.07		
15	16QAM	1	37	16.97	17.08	17.23	18.5	0
15	16QAM	1	74	17.02	17.35	17.15		
15	16QAM	36	0	17.29	17.20	17.25		
15	16QAM	36	20	17.10	17.18	17.34	18.5	0
15	16QAM	36	39	17.24	16.99	17.11		
15	16QAM	75	0	17.09	17.15	17.33		
15	64QAM	1	0	17.09	17.32	17.13		
15	64QAM	1	37	17.09	17.23	16.92	18.5	0
15	64QAM	1	74	17.05	17.00	17.11		
15	64QAM	36	0	17.11	17.35	17.19		
15	64QAM	36	20	17.08	17.39	17.13	18.5	0
15	64QAM	36	39	17.26	17.07	17.18		
15	64QAM	75	0	17.12	17.16	17.07		
15	256QAM	1	0	17.10	17.48	17.39		
15	256QAM	1	37	17.17	17.21	17.15	18.5	0
15	256QAM	1	74	17.13	17.25	17.19		
15	256QAM	36	0	17.29	17.20	17.20		
15	256QAM	36	20	17.19	17.25	17.23	18.5	0
15	256QAM	36	39	17.02	17.15	17.16		
15	256QAM	75	0	16.85	17.35	17.21		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	17.17	17.44	17.35		
10	QPSK	1	25	17.16	17.43	17.27	18.5	0
10	QPSK	1	49	17.08	17.22	17.38		
10	QPSK	25	0	17.12	17.37	17.22		
10	QPSK	25	12	16.94	17.31	17.14	18.5	0
10	QPSK	25	25	17.18	17.36	17.31		
10	QPSK	50	0	17.10	17.44	17.17		
10	16QAM	1	0	17.12	17.23	17.10		
10	16QAM	1	25	17.04	17.11	17.26	18.5	0
10	16QAM	1	49	17.12	17.22	16.96		
10	16QAM	25	0	17.24	17.11	17.39		
10	16QAM	25	12	17.17	17.09	17.21	18.5	0
10	16QAM	25	25	17.22	16.98	17.11		
10	16QAM	50	0	16.91	17.10	17.16		
10	64QAM	1	0	17.16	17.26	17.28		
10	64QAM	1	25	17.03	17.34	17.09	18.5	0
10	64QAM	1	49	17.15	16.95	17.07		
10	64QAM	25	0	17.02	17.34	17.10		
10	64QAM	25	12	17.03	17.36	17.02	18.5	0
10	64QAM	25	25	17.24	17.17	17.26		
10	64QAM	50	0	16.96	17.23	17.00		
10	256QAM	1	0	17.26	17.37	17.19		
10	256QAM	1	25	17.00	17.01	17.05	18.5	0
10	256QAM	1	49	17.05	17.24	17.18		
10	256QAM	25	0	17.26	17.10	17.17		
10	256QAM	25	12	17.02	17.16	17.16	18.5	0
10	256QAM	25	25	17.15	17.24	17.22		
10	256QAM	50	0	16.95	17.33	17.32		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	17.33	17.50	17.28		
5	QPSK	1	12	17.09	17.30	17.05	18.5	0
5	QPSK	1	24	17.27	17.33	17.24		
5	QPSK	12	0	17.05	17.38	17.25		
5	QPSK	12	7	17.01	17.26	17.03	18.5	0
5	QPSK	12	13	17.14	17.12	17.15		
5	QPSK	25	0	17.13	17.20	17.15		
5	16QAM	1	0	17.13	17.33	17.13		
5	16QAM	1	12	17.05	17.30	17.20	18.5	0
5	16QAM	1	24	17.04	17.30	17.14		
5	16QAM	12	0	17.21	17.20	17.38		
5	16QAM	12	7	17.07	17.07	17.19	18.5	0
5	16QAM	12	13	17.26	17.11	17.13		
5	16QAM	25	0	17.02	17.04	17.16		
5	64QAM	1	0	17.01	17.33	17.19		
5	64QAM	1	12	17.01	17.28	16.99	18.5	0
5	64QAM	1	24	17.13	17.30	17.11		
5	64QAM	12	0	17.12	17.26	17.05		
5	64QAM	12	7	17.01	17.23	17.14	18.5	0
5	64QAM	12	13	17.27	17.21	17.22		
5	64QAM	25	0	16.89	17.30	17.12		
5	256QAM	1	0	17.12	17.43	17.29		
5	256QAM	1	12	16.97	17.02	17.13	18.5	0
5	256QAM	1	24	17.07	17.26	17.03		
5	256QAM	12	0	17.31	17.29	17.10		
5	256QAM	12	7	17.11	17.21	17.30	18.5	0
5	256QAM	12	13	16.98	17.32	17.23		
5	256QAM	25	0	16.90	17.17	17.19		

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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				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	18.94	19.09	18.88		
20	QPSK	1	49	18.97	19.05	18.95	20.5	0
20	QPSK	1	99	18.95	19.04	18.94		
20	QPSK	50	0	18.68	18.86	18.78		
20	QPSK	50	24	18.72	18.73	18.76	20.5	0
20	QPSK	50	50	18.70	18.85	18.82		
20	QPSK	100	0	18.73	18.81	18.75		
20	16QAM	1	0	18.90	18.95	18.88		
20	16QAM	1	49	18.94	18.95	18.90	20.5	0
20	16QAM	1	99	18.98	18.87	18.97		
20	16QAM	50	0	18.85	18.89	18.61		
20	16QAM	50	24	18.85	18.86	18.82	20.5	0
20	16QAM	50	50	18.72	18.97	18.64		
20	16QAM	100	0	18.80	18.99	18.85		
20	64QAM	1	0	19.03	19.02	18.93		
20	64QAM	1	49	18.88	19.01	18.98	20.5	0
20	64QAM	1	99	18.94	18.85	19.03		
20	64QAM	50	0	18.83	18.89	19.03		
20	64QAM	50	24	18.98	19.02	18.94	20.5	0
20	64QAM	50	50	18.95	18.93	18.75		
20	64QAM	100	0	18.85	18.90	18.75		
20	256QAM	1	0	18.82	18.95	18.88		
20	256QAM	1	49	18.81	18.92	18.66	20	0.5
20	256QAM	1	99	18.86	18.74	18.76		
20	256QAM	50	0	18.94	18.90	18.96		
20	256QAM	50	24	18.94	18.97	18.96	20	0.5
20	256QAM	50	50	18.93	18.89	18.89		
20	256QAM	100	0	18.85	18.73	18.62		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	18.84	18.99	18.76		
15	QPSK	1	37	18.80	18.91	18.80	20.5	0
15	QPSK	1	74	18.79	18.96	18.90		
15	QPSK	36	0	18.57	18.83	18.69		
15	QPSK	36	20	18.62	18.70	18.62	20.5	0
15	QPSK	36	39	18.66	18.75	18.77		
15	QPSK	75	0	18.70	18.71	18.63		
15	16QAM	1	0	18.73	18.85	18.85		
15	16QAM	1	37	18.84	18.88	18.78	20.5	0
15	16QAM	1	74	18.95	18.81	18.94		
15	16QAM	36	0	18.83	18.85	18.53		
15	16QAM	36	20	18.76	18.71	18.77	20.5	0
15	16QAM	36	39	18.62	18.89	18.53		
15	16QAM	75	0	18.63	18.86	18.69		
15	64QAM	1	0	18.86	18.88	18.88		
15	64QAM	1	37	18.77	18.95	18.91	20.5	0
15	64QAM	1	74	18.82	18.70	18.99		
15	64QAM	36	0	18.79	18.73	18.88		
15	64QAM	36	20	18.87	18.98	18.89	20.5	0
15	64QAM	36	39	18.88	18.87	18.57		
15	64QAM	75	0	18.72	18.79	18.67		
15	256QAM	1	0	18.74	18.79	18.81		
15	256QAM	1	37	18.67	18.81	18.55	20	0.5
15	256QAM	1	74	18.76	18.60	18.72		
15	256QAM	36	0	18.77	18.87	18.84		
15	256QAM	36	20	18.81	18.80	18.87	20	0.5
15	256QAM	36	39	18.84	18.83	18.81		
15	256QAM	75	0	18.72	18.65	18.53		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	18.92	18.96	18.82		
10	QPSK	1	25	18.92	18.95	18.84	20.5	0
10	QPSK	1	49	18.81	19.01	18.91		
10	QPSK	25	0	18.52	18.83	18.60		
10	QPSK	25	12	18.59	18.62	18.65	20.5	0
10	QPSK	25	25	18.59	18.71	18.68		
10	QPSK	50	0	18.71	18.70	18.67		
10	16QAM	1	0	18.76	18.81	18.85		
10	16QAM	1	25	18.87	18.80	18.80	20.5	0
10	16QAM	1	49	18.94	18.83	18.86		
10	16QAM	25	0	18.80	18.84	18.57		
10	16QAM	25	12	18.80	18.80	18.70	20.5	0
10	16QAM	25	25	18.60	18.91	18.50		

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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				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	19.03	19.06	18.97	20	0
20	QPSK	1	49	18.95	19.02	18.88		
20	QPSK	1	99	18.86	18.96	18.83		
20	QPSK	50	0	18.93	19.01	18.79	20	0
20	QPSK	50	24	18.91	18.93	18.89		
20	QPSK	50	50	18.97	18.92	18.86		
20	QPSK	100	0	18.88	18.96	18.92		
20	16QAM	1	0	18.94	19.02	18.93	20	0
20	16QAM	1	49	18.89	18.96	18.86		
20	16QAM	1	99	18.90	19.02	18.93		
20	16QAM	50	0	18.84	18.88	18.71	20	0
20	16QAM	50	24	18.78	18.94	18.75		
20	16QAM	50	50	18.91	18.86	18.73		
20	16QAM	100	0	18.77	18.79	18.76		
20	64QAM	1	0	18.89	18.83	18.72	20	0
20	64QAM	1	49	18.84	18.93	18.82		
20	64QAM	1	99	18.84	18.99	18.76		
20	64QAM	50	0	18.76	18.80	18.80	20	0
20	64QAM	50	24	18.96	18.94	18.95		
20	64QAM	50	50	18.80	18.97	18.81		
20	64QAM	100	0	18.71	18.87	18.76		
20	256QAM	1	0	18.92	18.79	18.71	20	0
20	256QAM	1	49	18.76	18.86	18.76		
20	256QAM	1	99	18.81	18.88	18.70		
20	256QAM	50	0	18.85	18.93	18.87	20	0
20	256QAM	50	24	18.78	18.95	18.88		
20	256QAM	50	50	18.86	18.86	18.69		
20	256QAM	100	0	18.55	18.66	18.59		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	18.87	19.03	18.90	20	0
15	QPSK	1	37	18.86	18.95	18.76		
15	QPSK	1	74	18.84	18.81	18.76		
15	QPSK	36	0	18.89	18.79	18.63	20	0
15	QPSK	36	20	18.77	18.85	18.80		
15	QPSK	36	39	18.79	18.77	18.71		
15	QPSK	75	0	18.76	18.93	18.88		
15	16QAM	1	0	18.87	18.94	18.82	20	0
15	16QAM	1	37	18.81	18.81	18.74		
15	16QAM	1	74	18.83	18.86	18.85		
15	16QAM	36	0	18.67	18.82	18.61	20	0
15	16QAM	36	20	18.61	18.88	18.68		
15	16QAM	36	39	18.76	18.80	18.68		
15	16QAM	75	0	18.64	18.73	18.72		
15	64QAM	1	0	18.72	18.77	18.65	20	0
15	64QAM	1	37	18.76	18.84	18.76		
15	64QAM	1	74	18.79	18.93	18.61		
15	64QAM	36	0	18.63	18.75	18.77	20	0
15	64QAM	36	20	18.94	18.83	18.80		
15	64QAM	36	39	18.68	18.91	18.66		
15	64QAM	75	0	18.56	18.77	18.67		
15	256QAM	1	0	18.88	18.75	18.67	20	0
15	256QAM	1	37	18.70	18.84	18.62		
15	256QAM	1	74	18.71	18.78	18.66		
15	256QAM	36	0	18.77	18.85	18.81	20	0
15	256QAM	36	20	18.70	18.87	18.84		
15	256QAM	36	39	18.77	18.82	18.65		
15	256QAM	75	0	18.49	18.62	18.54		
Channel				37600	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	18.91	18.90	18.92	20	0
10	QPSK	1	25	18.86	18.90	18.75		
10	QPSK	1	49	18.83	18.80	18.68		
10	QPSK	25	0	18.91	18.82	18.72	20	0
10	QPSK	25	12	18.86	18.84	18.87		
10	QPSK	25	25	18.84	18.85	18.82		
10	QPSK	50	0	18.82	18.93	18.86		
10	16QAM	1	0	18.88	18.89	18.89	20	0
10	16QAM	1	25	18.75	18.84	18.81		
10	16QAM	1	49	18.82	18.95	18.90		
10	16QAM	25	0	18.72	18.81	18.61	20	0
10	16QAM	25	12	18.65	18.86	18.65		
10	16QAM	25	25	18.81	18.76	18.59		
10	16QAM	50	0	18.68	18.76	18.62		
10	64QAM	1	0	18.80	18.73	18.59	20	0
10	64QAM	1	25	18.81	18.81	18.78		
10	64QAM	1	49	18.80	18.86	18.65		
10	64QAM	25	0	18.71	18.70	18.69	20	0
10	64QAM	25	12	18.80	18.84	18.85		
10	64QAM	25	25	18.77	18.90	18.72		
10	64QAM	50	0	18.59	18.69	18.60		
10	256QAM	1	0	18.88	18.65	18.54	20	0
10	256QAM	1	25	18.68	18.76	18.65		
10	256QAM	1	49	18.73	18.71	18.65		
10	256QAM	25	0	18.68	18.80	18.85	20	0
10	256QAM	25	12	18.64	18.79	18.85		
10	256QAM	25	25	18.78	18.84	18.59		
10	256QAM	50	0	18.45	18.57	18.49		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	18.86	18.98	18.83	20	0
5	QPSK	1	12	18.88	18.88	18.79		
5	QPSK	1	24	18.82	18.82	18.81		
5	QPSK	12	0	18.88	18.78	18.66	20	0
5	QPSK	12	7	18.87	18.77	18.86		
5	QPSK	12	13	18.90	18.86	18.71		
5	QPSK	25	0	18.81	18.84	18.89		
5	16QAM	1	0	18.80	18.89	18.75	20	0
5	16QAM	1	12	18.82	18.87	18.72		
5	16QAM	1	24	18.78	18.98	18.81		
5	16QAM	12	0	18.79	18.72	18.56	20	0
5	16QAM	12	7	18.73	18.77	18.59		
5	16QAM	12	13	18.75	18.82	18.69		
5	16QAM	25	0	18.72	18.74	18.68		
5	64QAM	1	0	18.83	18.67	18.54	20	0
5	64QAM	1	12	18.68	18.82	18.67		
5	64QAM	1	24	18.68	18.90	18.73		
5	64QAM	12	0	18.72	18.77	18.64	20	0
5	64QAM	12	7	18.83	18.77	18.90		
5	64QAM	12	13	18.67	18.79	18.66		
5	64QAM	25	0	18.64	18.81	18.59		
5	256QAM	1	0	18.86	18.74	18.64	20	0
5	256QAM	1	12	18.67	18.72	18.64		
5	256QAM	1	24	18.68	18.84	18.57		
5	256QAM	12	0	18.73	18.76	18.77	20	0
5	256QAM	12	7	18.61	18.92	18.71		
5	256QAM	12	13	18.75	18.73	18.60		
5	256QAM	25	0	18.46	18.48	18.53		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	20.10	20.14	20.23	20.13	20.22	21	0
20	QPSK	1	49	20.03	20.10	20.15	20.02	20.18		
20	QPSK	1	99	20.04	20.01	20.13	20.04	20.20		
20	QPSK	50	0	19.97	20.11	20.17	20.07	20.10	21	0
20	QPSK	50	24	19.93	20.10	20.12	20.11	20.05		
20	QPSK	50	50	19.95	19.98	20.08	20.11	20.14		
20	QPSK	100	0	20.06	20.00	20.18	19.97	20.07		
20	16QAM	1	0	19.95	20.03	20.14	20.02	20.19	21	0
20	16QAM	1	49	19.85	19.95	20.00	19.84	20.10		
20	16QAM	1	99	19.98	19.95	19.96	19.96	20.09		
20	16QAM	50	0	19.80	20.02	19.98	19.91	20.15	21	0
20	16QAM	50	24	19.89	20.00	20.05	19.97	19.98		
20	16QAM	50	50	19.83	19.96	19.96	20.07	20.09		
20	16QAM	100	0	19.94	19.94	20.01	19.86	19.99		
20	64QAM	1	0	19.93	20.00	20.14	20.07	20.13	21	0
20	64QAM	1	49	19.86	19.93	20.13	19.95	20.05		
20	64QAM	1	99	19.90	19.96	20.00	19.90	20.09		
20	64QAM	50	0	19.93	20.08	20.06	20.01	20.14	21	0
20	64QAM	50	24	19.81	19.94	20.13	19.94	19.97		
20	64QAM	50	50	19.85	19.90	20.00	19.97	20.03		
20	64QAM	100	0	20.04	20.07	20.19	20.11	20.10		
20	256QAM	1	0	19.02	19.22	19.18	19.10	19.23	20	1
20	256QAM	1	49	19.01	19.13	19.17	19.08	19.17		
20	256QAM	1	99	18.98	19.04	19.11	19.04	19.27		
20	256QAM	50	0	18.98	19.13	19.18	18.99	19.24	20	1
20	256QAM	50	24	19.00	19.04	19.11	19.14	18.98		
20	256QAM	50	50	18.88	18.97	19.02	19.18	19.19		
20	256QAM	100	0	19.13	18.92	19.10	18.90	19.09		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	20.01	20.02	20.14	20.02	20.08	21	0
15	QPSK	1	37	19.94	20.03	20.04	19.92	20.12		
15	QPSK	1	74	19.89	19.87	20.05	19.94	20.10		
15	QPSK	36	0	19.92	19.99	20.04	19.93	20.05	21	0
15	QPSK	36	20	19.83	20.05	20.06	20.02	19.98		
15	QPSK	36	39	19.81	19.92	19.95	20.05	20.01		
15	QPSK	75	0	19.97	19.88	20.12	19.90	19.98		
15	16QAM	1	0	19.82	19.92	20.08	19.97	20.05	21	0
15	16QAM	1	37	19.78	19.89	19.91	19.75	19.97		
15	16QAM	1	74	19.86	19.90	19.85	19.90	19.99		
15	16QAM	36	0	19.68	19.95	19.85	19.81	20.08	21	0
15	16QAM	36	20	19.82	19.90	19.91	19.86	19.86		
15	16QAM	36	39	19.71	19.75	19.87	20.00	19.97		
15	16QAM	75	0	19.81	19.85	19.87	19.81	19.85		
15	64QAM	1	0	19.88	19.93	20.05	19.97	19.99	21	0
15	64QAM	1	37	19.78	19.85	19.98	19.81	19.96		
15	64QAM	1	74	19.78	19.87	19.86	19.79	19.97		
15	64QAM	36	0	19.84	19.93	19.94	19.89	20.01	21	0
15	64QAM	36	20	19.75	19.89	20.02	19.86	19.83		
15	64QAM	36	39	19.76	19.78	19.92	19.83	19.95		
15	64QAM	75	0	19.95	20.00	20.13	19.99	20.05		
15	256QAM	1	0	18.96	19.12	19.09	18.96	19.12	20	1
15	256QAM	1	37	18.87	19.04	19.09	18.99	19.06		
15	256QAM	1	74	18.86	18.92	18.98	18.90	19.19		
15	256QAM	36	0	18.93	19.06	19.08	18.88	19.13	20	1
15	256QAM	36	20	18.91	18.93	18.99	19.05	18.89		
15	256QAM	36	39	18.77	18.85	18.93	19.08	19.09		
15	256QAM	75	0	19.02	18.86	19.03	18.81	18.99		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	19.99	20.08	20.11	20.02	20.15	21.00	0
10	QPSK	1	25	19.92	20.01	20.01	19.95	20.04		
10	QPSK	1	49	19.92	19.92	20.05	19.91	20.08		
10	QPSK	25	0	19.90	19.97	20.12	19.95	19.98	21	0
10	QPSK	25	12	19.83	20.03	20.02	20.00	19.93		
10	QPSK	25	25	19.87	19.92	20.02	19.97	20.07		
10	QPSK	50	0	19.97	19.93	20.10	19.85	19.96		
10	16QAM	1	0	19.85	19.93	20.03	19.97	20.08	21	0
10	16QAM	1	25	19.73	19.86	19.92	19.74	20.02		
10	16QAM	1	49	19.83	19.81	19.90	19.87	19.97		
10	16QAM	25	0	19.67	19.95	19.84	19.82	20.07	21	0
10	16QAM	25	12	19.74	19.91	19.95	19.87	19.87		
10	16QAM	25	25	19.76	19.72	19.83	20.01	19.97		
10	16QAM	50	0	19.82	19.80	19.86	19.72	19.87		
10	64QAM	1	0	19.81	19.88	20.01	19.93	20.06	21	0
10	64QAM	1	25	19.73	19.85	20.01	19.81	20.00		
10	64QAM	1	49	19.78	19.90	19.94	19.84	19.94		
10	64QAM	25	0	19.82	19.96	20.00	19.88	20.03	21	0
10	64QAM	25	12	19.70	19.88	20.01	19.85	19.85		
10	64QAM	25	25	19.78	19.78	19.88	19.85	19.88		
10	64QAM	50	0	19.92	19.97	20.13	20.03	19.98		
10	256QAM	1	0	18.91	19.15	19.06	18.99	19.17	20	1
10	256QAM	1	25	18.92	19.07	19.10	18.99	19.09		
10	256QAM	1	49	18.90	18.97	18.99	18.94	19.20		
10	256QAM	25	0	18.90	19.06	19.12	18.89	19.17	20	1
10	256QAM	25	12	18.86	18.93	19.02	18.99	18.90		
10	256QAM	25	25	18.82	18.89	18.89	19.12	19.12		
10	256QAM	50	0	19.08	18.85	18.95	18.78	18.96		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2546.8	2593	2640.30	2687.5		
5	QPSK	1	0	19.96	20.04	20.16	20.06	20.10	21.00	0
5	QPSK	1	12	19.93	20.05	20.02	19.91	20.09		
5	QPSK	1	24	19.93	19.89	20.05	19.90	20.10		
5	QPSK	12	0	19.85	20.02	20.09	19.93	20.02	21	0
5	QPSK	12	7	19.85	20.04	19.98	20.02	20.00		
5	QPSK	12	13	19.83	19.85	19.94	20.02	20.05		
5	QPSK	25	0	19.98	19.90	20.03	19.85	20.00		
5	16QAM	1	0	19.87	19.97	20.06	19.91	20.07	21	0
5	16QAM	1	12	19.76	19.83	19.92	19.73	19.99		
5	16QAM	1	24	19.92	19.82	19.83	19.87	19.97		
5	16QAM	12	0	19.70	19.91	19.85	19.79	20.03	21	0
5	16QAM	12	7	19.83	19.89	19.97	19.90	19.86		
5	16QAM	12	13	19.70	19.80	19.83	20.01	20.04		
5	16QAM	25	0	19.85	19.89	19.92	19.72	19.88		
5	64QAM	1	0	19.82	19.89	20.00	19.97	20.06	21	0
5	64QAM	1	12	19.71	19.88	20.00	19.83	19.99		
5	64QAM	1	24	19.75	19.87	19.92	19.77	20.02		
5	64QAM	12	0	19.86	19.94	19.93	19.91	20.07	21	0
5	64QAM	12	7	19.70	19.82	20.00	19.81	19.83		
5	64QAM	12	13	19.73	19.83	19.86	19.83	19.90		
5	64QAM	25	0	19.94	19.95	20.06	20.06	19.97		
5	256QAM	1	0	18.93	19.10	19.12	19.05	19.14	20	1
5	256QAM	1	12	18.96	19.06	19.05	19.01	19.04		
5	256QAM	1	24	18.90	18.97	19.00	18.97	19.20		
5	256QAM	12	0	18.89	19.04	19.06	18.89	19.15	20	1
5	256QAM	12	7	18.90	18.91	19.01	19.04	18.84		
5	256QAM	12	13	18.82	18.91	18.97	19.07	19.08		
5	256QAM	25	0	19.04	18.85	19.04	18.77	18.98		

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	32.98	33.06	33.03	34.00	23.98	24.06	24.03	25.00
GPRS 1 Tx slot	32.91	33.01	32.95	34.00	23.91	24.01	23.95	25.00
GPRS 2 Tx slots	29.80	29.98	29.85	31.00	23.80	23.98	23.85	25.00
GPRS 3 Tx slots	27.81	27.86	27.66	29.20	23.55	23.60	23.40	24.94
GPRS 4 Tx slots	26.43	26.66	26.56	28.00	23.63	23.66	23.56	25.00
EDGE 1 Tx slot	25.99	26.13	25.96	27.80	16.99	17.13	16.96	18.80
EDGE 2 Tx slots	22.97	23.00	22.93	24.80	16.97	17.09	16.93	18.80
EDGE 3 Tx slots	21.58	21.63	21.62	23.00	17.32	17.37	17.36	18.74
EDGE 4 Tx slots	20.01	20.06	19.96	21.80	17.01	17.06	16.96	18.80

WCDMA V Ant0 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	24.13	24.22	24.10	25.00
3GPP Rel 99	RMC 12.2Kbps	24.22	24.25	24.18	25.00
3GPP Rel 6	HSDPA Subtest-1	23.14	23.24	23.06	24.00
3GPP Rel 6	HSDPA Subtest-2	23.15	23.16	23.21	24.00
3GPP Rel 6	HSDPA Subtest-3	22.76	22.63	22.77	23.50
3GPP Rel 6	HSDPA Subtest-4	22.71	22.64	22.76	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	23.20	23.23	23.04	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	23.20	23.16	23.09	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	22.78	22.67	22.69	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	22.72	22.73	22.58	23.50
3GPP Rel 6	HSUPA Subtest-1	23.29	23.09	23.16	24.00
3GPP Rel 6	HSUPA Subtest-2	21.34	21.21	21.29	22.00
3GPP Rel 6	HSUPA Subtest-3	22.15	22.16	22.18	23.00
3GPP Rel 6	HSUPA Subtest-4	21.11	21.07	21.25	22.00
3GPP Rel 6	HSUPA Subtest-5	23.10	23.06	23.22	24.00
3GPP Rel 7	HSPA+ (NGAM) Subtest-1	20.69	20.72	20.60	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	22.82	22.96	22.91	24.5	0
20	QPSK	1	49	22.79	22.91	22.83		
20	QPSK	1	99	22.84	22.87	22.78		
20	QPSK	50	0	21.85	21.95	21.88	23.5	1
20	QPSK	50	24	21.77	21.89	21.77		
20	QPSK	50	50	21.90	21.94	21.82		
20	QPSK	100	0	21.76	21.89	21.79		
20	16QAM	1	0	21.97	22.05	22.01	23.5	1
20	16QAM	1	49	21.90	22.00	21.95		
20	16QAM	1	99	21.84	21.96	21.85		
20	16QAM	50	0	20.89	20.95	20.90	22.5	2
20	16QAM	50	24	20.77	20.89	20.82		
20	16QAM	50	50	20.87	21.00	20.92		
20	16QAM	100	0	20.86	20.92	20.86		
20	64QAM	1	0	20.94	21.06	20.96	22.5	2
20	64QAM	1	49	20.96	21.00	20.95		
20	64QAM	1	99	20.87	21.00	20.94		
20	64QAM	50	0	19.89	20.04	19.92	21.5	3
20	64QAM	50	24	19.92	19.98	19.91		
20	64QAM	50	50	20.03	20.10	20.02		
20	64QAM	100	0	19.80	19.94	19.89		
20	256QAM	1	0	17.87	18.00	17.89	19.5	5
20	256QAM	1	49	17.81	17.95	17.84		
20	256QAM	1	99	17.76	17.90	17.81		
20	256QAM	50	0	17.82	17.85	17.79	19.5	5
20	256QAM	50	24	17.76	17.79	17.84		
20	256QAM	50	50	17.79	17.83	17.78		
20	256QAM	100	0	17.85	17.89	17.83		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.78	22.84	22.93	24.5	0
15	QPSK	1	37	22.84	22.88	22.81		
15	QPSK	1	74	22.79	22.76	22.84		
15	QPSK	36	0	21.91	21.88	21.86	23.5	1
15	QPSK	36	20	21.75	21.84	21.75		
15	QPSK	36	39	21.96	21.81	21.79		
15	QPSK	75	0	21.82	21.78	21.80		
15	16QAM	1	0	21.87	21.97	21.96	23.5	1
15	16QAM	1	37	21.75	21.89	21.88		
15	16QAM	1	74	21.77	21.82	21.81		
15	16QAM	36	0	20.77	20.91	20.83	22.5	2
15	16QAM	36	20	20.79	20.85	20.77		
15	16QAM	36	39	20.75	20.95	20.81		
15	16QAM	75	0	20.80	20.86	20.80		
15	64QAM	1	0	20.91	21.00	20.81	22.5	2
15	64QAM	1	37	20.85	20.91	20.89		
15	64QAM	1	74	20.75	20.96	20.88		
15	64QAM	36	0	19.84	19.98	19.89	21.5	3
15	64QAM	36	20	19.84	19.89	19.79		
15	64QAM	36	39	19.94	19.97	19.90		
15	64QAM	75	0	19.79	19.81	19.79		
15	256QAM	1	0	17.81	17.90	17.82	19.5	5
15	256QAM	1	37	17.76	17.91	17.91		
15	256QAM	1	74	17.81	17.95	17.81		
15	256QAM	36	0	17.78	17.99	17.81	19.5	5
15	256QAM	36	20	17.90	17.86	17.76		
15	256QAM	36	39	17.78	17.84	17.79		
15	256QAM	75	0	17.84	17.92	17.86		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.78	22.84	22.88	24.5	0
10	QPSK	1	25	22.75	22.89	22.81		
10	QPSK	1	49	22.79	22.88	22.77		
10	QPSK	25	0	21.85	21.92	21.87	23.5	1
10	QPSK	25	12	21.76	21.93	21.78		
10	QPSK	25	25	21.90	21.96	21.79		
10	QPSK	50	0	21.78	21.90	21.82		
10	16QAM	1	0	21.92	22.00	21.99	23.5	1
10	16QAM	1	25	21.91	22.02	22.00		
10	16QAM	1	49	21.81	21.92	21.83		
10	16QAM	25	0	20.90	20.99	20.86	22.5	2
10	16QAM	25	12	20.83	20.86	20.78		
10	16QAM	25	25	20.92	20.99	20.87		
10	16QAM	50	0	20.83	20.90	20.90		
10	64QAM	1	0	20.94	21.04	20.96	22.5	2
10	64QAM	1	25	20.92	21.04	20.99		
10	64QAM	1	49	20.92	21.01	21.00		
10	64QAM	25	0	19.88	20.10	19.90	21.5	3
10	64QAM	25	12	19.98	19.99	19.90		
10	64QAM	25	25	20.06	20.15	19.99		
10	64QAM	50	0	19.82	19.92	19.88		
10	256QAM	1	0	17.91	18.06	17.94	19.5	5
10	256QAM	1	25	17.83	18.01	17.91		
10	256QAM	1	49	17.83	17.98	17.97		
10	256QAM	25	0	17.78	17.97	17.86	19.5	5
10	256QAM	25	12	17.83	17.90	17.78		
10	256QAM	25	25	17.85	17.81	17.77		
10	256QAM	50	0	17.82	17.85	17.90		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.81	22.85	22.78	24.5	0
5	QPSK	1	12	22.75	22.83	22.79		
5	QPSK	1	24	22.80	22.75	22.78		
5	QPSK	12	0	21.88	21.88	21.92	23.5	1
5	QPSK	12	7	21.75	21.81	21.82		
5	QPSK	12	13	21.93	21.88	21.83		
5	QPSK	25	0	21.82	21.79	21.77		
5	16QAM	1	0	21.85	21.97	21.95	23.5	1
5	16QAM	1	12	21.84	21.94	21.92		
5	16QAM	1	24	21.77	21.93	21.77		
5	16QAM	12	0	20.82	20.89	20.87	22.5	2
5	16QAM	12	7	20.85	20.82	20.79		
5	16QAM	12	13	20.76	20.96	20.85		
5	16QAM	25	0	20.78	20.78	20.75		
5	64QAM	1	0	20.82	21.00	20.82	22.5	2
5	64QAM	1	12	20.90	20.89	20.89		
5	64QAM	1	24	20.75	20.89	20.89		
5	64QAM	12	0	19.78	19.95	19.84	21.5	3
5	64QAM	12	7	19.81	19.89	19.77		
5	64QAM	12	13	19.91	20.03	19.94		
5	64QAM	25	0	19.75	19.94	19.83		
5	256QAM	1	0	17.82	17.93	17.77	19.5	5
5	256QAM	1	12	17.83	17.90	17.89		
5	256QAM	1	24	17.79	17.93	17.85		
5	256QAM	12	0	17.78	17.90	17.79	19.5	5
5	256QAM	12	7	17.84	17.91	17.78		
5	256QAM	12	13	17.83	17.82	17.76		
5	256QAM	25	0	17.83	17.94	17.85		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.75	22.83	22.83	24.5	0
3	QPSK	1	8	22.80	22.83	22.81		
3	QPSK	1	14	22.81	22.77	22.83		
3	QPSK	8	0	21.91	21.81	21.89	23.5	1
3	QPSK	8	4	21.83	21.77	21.82		
3	QPSK	8	7	21.93	21.89	21.86		
3	QPSK	15	0	21.94	21.80	21.84		
3	16QAM	1	0	21.86	22.01	21.98	23.5	1
3	16QAM	1	8	21.84	21.91	21.81		
3	16QAM	1	14	21.80	21.85	21.77		
3	16QAM	8	0	20.84	20.91	20.86	22.5	2
3	16QAM	8	4	20.79	20.75	20.79		
3	16QAM	8	7	20.84	20.91	20.84		
3	16QAM	15	0	20.80	20.77	20.82		
3	64QAM	1	0	20.81	20.97	20.93	22.5	2
3	64QAM	1	8	20.87	20.96	20.85		
3	64QAM	1	14	20.84	20.87	20.83		
3	64QAM	8	0	19.75	20.00	19.88	21.5	3
3	64QAM	8	4	19.88	19.93	19.77		
3	64QAM	8	7	19.89	20.01	19.87		
3	64QAM	15	0	19.77	19.85	19.82		
3	256QAM	1	0	17.82	17.96	17.78	19.5	5
3	256QAM	1	8	17.79	17.92	17.86		
3	256QAM	1	14	17.80	17.86	17.85		
3	256QAM	8	0	17.86	17.99	17.83	19.5	5
3	256QAM	8	4	17.88	17.87	17.80		
3	256QAM	8	7	17.79	17.81	17.77		
3	256QAM	15	0	17.92	17.94	17.81		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.83	22.91	22.85	24.5	0
1.4	QPSK	1	3	22.85	22.85	22.79		
1.4	QPSK	1	5	22.80	22.84	22.82		
1.4	QPSK	3	0	22.85	22.90	22.85		
1.4	QPSK	3	1	22.83	22.81	22.78		
1.4	QPSK	3	3	22.93	22.86	22.84		
1.4	QPSK	6	0	21.80	21.83	21.75	23.5	1
1.4	16QAM	1	0	21.99	22.01	21.97	23.5	1
1.4	16QAM	1	3	21.89	21.89	22.00		
1.4	16QAM	1	5	21.90	21.83	21.90		
1.4	16QAM	3	0	21.91	21.88	21.87		
1.4	16QAM	3	1	21.75	21.84	21.80		
1.4	16QAM	3	3	21.83	21.86	21.89		
1.4	16QAM	6	0	20.89	20.78	20.93	22.5	2
1.4	64QAM	1	0	21.01	21.03	20.92	22.5	2
1.4	64QAM	1	3	21.02	20.89	20.90		
1.4	64QAM	1	5	20.88	20.96	20.93		
1.4	64QAM	3	0	20.84	20.97	20.88		
1.4	64QAM	3	1	20.94	20.87	20.98		
1.4	64QAM	3	3	21.07	21.04	21.09		
1.4	64QAM	6	0	19.84	19.81	19.93	21.5	3
1.4	256QAM	1	0	17.93	17.88	17.96	19.5	5
1.4	256QAM	1	3	17.85	17.88	17.83		
1.4	256QAM	1	5	17.81	17.77	17.86		
1.4	256QAM	3	0	17.84	17.81	17.85		
1.4	256QAM	3	1	17.83	17.76	17.80		
1.4	256QAM	3	3	17.81	17.83	17.77		
1.4	256QAM	6	0	17.84	17.77	17.87	19.5	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	25.01	24.95	25.7	0
10	QPSK	1	25	24.83	24.94	24.91		
10	QPSK	1	49	24.78	24.83	24.74		
10	QPSK	25	0	23.95	24.05	23.92	24.7	1
10	QPSK	25	12	23.89	24.02	23.97		
10	QPSK	25	25	23.86	23.98	23.91		
10	QPSK	50	0	24.00	24.03	23.90		
10	16QAM	1	0	24.00	24.10	23.96	24.7	1
10	16QAM	1	25	23.98	24.04	23.96		
10	16QAM	1	49	23.81	23.94	23.81		
10	16QAM	25	0	23.13	23.17	23.12	23.7	2
10	16QAM	25	12	23.04	23.12	23.06		
10	16QAM	25	25	22.93	23.03	22.88		
10	16QAM	50	0	23.03	23.07	23.03		
10	64QAM	1	0	23.06	23.17	23.03	23.7	2
10	64QAM	1	25	23.03	23.14	23.02		
10	64QAM	1	49	22.94	23.00	22.90		
10	64QAM	25	0	22.08	22.21	22.08	22.7	3
10	64QAM	25	12	22.10	22.21	22.18		
10	64QAM	25	25	21.99	22.11	22.02		
10	64QAM	50	0	22.05	22.12	21.98		
10	256QAM	1	0	19.99	20.14	20.01	20.7	5
10	256QAM	1	25	19.96	20.08	19.96		
10	256QAM	1	49	19.88	20.00	19.89		
10	256QAM	25	0	20.01	20.05	20.02	20.7	5
10	256QAM	25	12	19.93	20.00	19.93		
10	256QAM	25	25	19.92	19.96	19.89		
10	256QAM	50	0	19.90	19.99	19.93		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	24.84	24.96	24.83	25.7	0
5	QPSK	1	12	24.80	24.80	24.88		
5	QPSK	1	24	24.69	24.72	24.62		
5	QPSK	12	0	23.92	23.99	23.82	24.7	1
5	QPSK	12	7	23.78	23.97	23.94		
5	QPSK	12	13	23.78	23.93	23.87		
5	QPSK	25	0	23.86	23.97	23.82		
5	16QAM	1	0	23.96	24.07	23.88	24.7	1
5	16QAM	1	12	23.88	23.93	23.82		
5	16QAM	1	24	23.69	23.89	23.74		
5	16QAM	12	0	23.00	23.11	22.99	23.7	2
5	16QAM	12	7	22.96	23.02	23.01		
5	16QAM	12	13	22.84	22.99	22.84		
5	16QAM	25	0	22.96	22.98	22.91		
5	64QAM	1	0	22.94	23.09	22.93	23.7	2
5	64QAM	1	12	22.94	23.04	22.97		
5	64QAM	1	24	22.88	22.89	22.83		
5	64QAM	12	0	22.02	22.07	21.96	22.7	3
5	64QAM	12	7	21.96	22.13	22.05		
5	64QAM	12	13	21.94	21.97	21.93		
5	64QAM	25	0	21.91	22.06	21.92		
5	256QAM	1	0	19.93	20.05	19.89	20.7	5
5	256QAM	1	12	19.84	19.98	19.84		
5	256QAM	1	24	19.78	19.97	19.75		
5	256QAM	12	0	19.94	19.98	19.96	20.7	5
5	256QAM	12	7	19.84	19.98	19.80		
5	256QAM	12	13	19.75	19.89	19.86		
5	256QAM	25	0	19.78	19.85	19.87		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				823.5	836.5	847.5		
3	QPSK	1	0	24.85	24.91	24.91	25.7	0
3	QPSK	1	8	24.69	24.81	24.83		
3	QPSK	1	14	24.63	24.79	24.64		
3	QPSK	8	0	23.88	23.90	23.85	24.7	1
3	QPSK	8	4	23.81	23.90	23.83		
3	QPSK	8	7	23.80	23.92	23.78		
3	QPSK	15	0	23.87	23.88	23.76		
3	16QAM	1	0	23.88	24.06	23.87	24.7	1
3	16QAM	1	8	23.91	23.91	23.86		
3	16QAM	1	14	23.68	23.86	23.77		
3	16QAM	8	0	23.05	23.06	23.05	23.7	2
3	16QAM	8	4	22.97	23.00	22.96		
3	16QAM	8	7	22.83	22.97	22.82		
3	16QAM	15	0	22.92	22.96	22.93		
3	64QAM	1	0	22.92	23.11	22.96	23.7	2
3	64QAM	1	8	22.97	23.08	22.90		
3	64QAM	1	14	22.89	22.88	22.75		
3	64QAM	8	0	22.01	22.07	21.97	22.7	3
3	64QAM	8	4	22.05	22.08	22.05		
3	64QAM	8	7	21.95	22.01	21.90		
3	64QAM	15	0	21.95	21.99	21.95		
3	256QAM	1	0	19.87	20.06	19.97	20.7	5
3	256QAM	1	8	19.90	20.00	19.85		
3	256QAM	1	14	19.79	19.94	19.85		
3	256QAM	8	0	19.95	20.02	19.95	20.7	5
3	256QAM	8	4	19.85	19.92	19.86		
3	256QAM	8	7	19.76	19.84	19.76		
3	256QAM	15	0	19.85	19.95	19.83		
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	24.93	24.85	25.7	0
1.4	QPSK	1	3	24.72	24.91	24.82		
1.4	QPSK	1	5	24.74	24.77	24.64		
1.4	QPSK	3	0	24.82	24.96	24.88		
1.4	QPSK	3	1	24.80	24.93	24.93		
1.4	QPSK	3	3	24.80	24.91	24.88		
1.4	QPSK	6	0	23.94	23.98	23.84	24.7	1
1.4	16QAM	1	0	23.94	24.02	23.92	24.7	1
1.4	16QAM	1	3	23.88	23.91	23.85		
1.4	16QAM	1	5	23.75	23.89	23.71		
1.4	16QAM	3	0	24.05	24.13	24.05		
1.4	16QAM	3	1	23.96	24.08	23.97		
1.4	16QAM	3	3	23.80	24.00	23.79		
1.4	16QAM	6	0	22.95	23.00	22.95	23.7	2
1.4	64QAM	1	0	22.98	23.07	22.99	23.7	2
1.4	64QAM	1	3	22.93	23.01	22.95		
1.4	64QAM	1	5	22.94	22.91	22.77		
1.4	64QAM	3	0	22.97	23.08	23.00		
1.4	64QAM	3	1	22.98	23.13	23.07		
1.4	64QAM	3	3	22.94	23.01	22.87		
1.4	64QAM	6	0	22.00	22.08	21.92	22.7	3
1.4	256QAM	1	0	19.95	20.02	19.92	20.7	5
1.4	256QAM	1	3	19.90	19.97	19.84		
1.4	256QAM	1	5	19.81	19.88	19.85		
1.4	256QAM	3	0	19.91	19.90	19.90		
1.4	256QAM	3	1	19.88	19.89	19.88		
1.4	256QAM	3	3	19.75	19.88	19.79		
1.4	256QAM	6	0	19.79	19.87	19.88	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				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	22.15	22.28	22.21	23.5	0
20	QPSK	1	49	22.08	22.14	22.20		
20	QPSK	1	99	22.04	21.98	21.87		
20	QPSK	50	0	22.07	22.17	22.11	23.5	0
20	QPSK	50	24	22.10	22.14	22.03		
20	QPSK	50	50	21.98	22.09	22.06		
20	QPSK	100	0	22.12	22.08	22.04		
20	16QAM	1	0	22.11	22.21	22.13	23.5	0
20	16QAM	1	49	22.20	22.27	22.20		
20	16QAM	1	99	22.24	22.24	22.25		
20	16QAM	50	0	21.16	21.20	21.11	22.5	1
20	16QAM	50	24	20.96	21.07	20.97		
20	16QAM	50	50	20.99	21.07	21.03		
20	16QAM	100	0	20.99	21.14	21.06		
20	64QAM	1	0	21.12	21.26	21.17	22.5	1
20	64QAM	1	49	21.04	21.12	21.01		
20	64QAM	1	99	20.98	21.11	21.02		
20	64QAM	50	0	20.15	20.22	20.16	21.5	2
20	64QAM	50	24	20.00	20.10	19.96		
20	64QAM	50	50	20.05	20.09	19.95		
20	64QAM	100	0	20.12	20.17	20.06		
20	256QAM	1	0	18.11	18.16	18.08	19.5	4
20	256QAM	1	49	17.93	18.02	17.88		
20	256QAM	1	99	17.93	18.01	17.97		
20	256QAM	50	0	18.18	18.27	18.19	19.5	4
20	256QAM	50	24	18.11	18.23	18.18		
20	256QAM	50	50	18.09	18.15	18.01		
20	256QAM	100	0	18.14	18.18	18.09		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	22.03	22.11	22.12	23.5	0
15	QPSK	1	37	21.89	21.99	21.94		
15	QPSK	1	74	21.78	21.72	21.74		
15	QPSK	36	0	21.85	22.02	21.80	23.5	0
15	QPSK	36	20	22.01	22.03	21.90		
15	QPSK	36	39	21.68	21.93	21.88		
15	QPSK	75	0	21.71	21.87	21.92		
15	16QAM	1	0	22.04	22.27	22.12	23.5	0
15	16QAM	1	37	22.10	22.19	21.97		
15	16QAM	1	74	22.09	22.15	21.93		
15	16QAM	36	0	21.04	21.02	20.81	22.5	1
15	16QAM	36	20	20.87	20.90	20.86		
15	16QAM	36	39	20.81	20.79	20.93		
15	16QAM	75	0	20.78	20.84	20.90		
15	64QAM	1	0	20.95	21.12	21.09	22.5	1
15	64QAM	1	37	20.81	20.86	20.84		
15	64QAM	1	74	20.79	20.91	20.73		
15	64QAM	36	0	20.04	20.09	19.94	21.5	2
15	64QAM	36	20	19.77	19.93	19.73		
15	64QAM	36	39	19.89	19.81	19.71		
15	64QAM	75	0	19.95	20.07	19.82		
15	256QAM	1	0	17.81	17.91	17.77	19.5	4
15	256QAM	1	37	17.85	17.92	17.76		
15	256QAM	1	74	17.64	17.71	17.80		
15	256QAM	36	0	17.95	18.00	17.96	19.5	4
15	256QAM	36	20	17.96	18.04	17.87		
15	256QAM	36	39	17.96	18.07	17.77		
15	256QAM	75	0	17.89	17.86	18.00		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	21.93	22.11	21.94	23.5	0
10	QPSK	1	25	21.88	21.85	22.06		
10	QPSK	1	49	21.89	21.69	21.74		
10	QPSK	25	0	21.77	22.01	22.00	23.5	0
10	QPSK	25	12	22.00	21.94	21.74		
10	QPSK	25	25	21.87	21.81	21.87		
10	QPSK	50	0	21.78	21.90	21.77		
10	16QAM	1	0	22.03	22.14	22.11	23.5	0
10	16QAM	1	25	22.09	22.03	22.04		
10	16QAM	1	49	22.06	22.21	21.93		
10	16QAM	25	0	20.87	20.92	20.82	22.5	1
10	16QAM	25	12	20.68	20.88	20.73		
10	16QAM	25	25	20.77	20.83	20.83		
10	16QAM	50	0	20.75	20.84	20.76		
10	64QAM	1	0	20.94	21.15	20.93	22.5	1
10	64QAM	1	25	20.91	20.91	20.86		
10	64QAM	1	49	20.70	21.00	20.81		
10	64QAM	25	0	19.84	20.11	20.07	21.5	2
10	64QAM	25	12	19.81	19.81	19.86		
10	64QAM	25	25	19.94	19.83	19.80		
10	64QAM	50	0	19.97	19.89	19.76		
10	256QAM	1	0	17.86	17.96	17.91	19.5	4
10	256QAM	1	25	17.66	17.71	17.58		
10	256QAM	1	49	17.79	17.79	17.72		
10	256QAM	25	0	17.91	18.14	17.92	19.5	4
10	256QAM	25	12	17.97	18.12	18.08		
10	256QAM	25	25	17.86	18.04	17.83		
10	256QAM	50	0	18.03	17.91	17.92		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	21.86	22.13	22.08	23.5	0
5	QPSK	1	12	21.82	22.01	22.10		
5	QPSK	1	24	21.75	21.68	21.70		
5	QPSK	12	0	21.94	21.89	22.00	23.5	0
5	QPSK	12	7	21.82	21.85	21.75		
5	QPSK	12	13	21.84	21.91	21.77		
5	QPSK	25	0	21.72	21.76	21.82		
5	16QAM	1	0	22.20	22.16	22.17	23.5	0
5	16QAM	1	12	22.02	22.04	21.96		
5	16QAM	1	24	21.95	22.16	22.16		
5	16QAM	12	0	20.91	20.98	20.95	22.5	1
5	16QAM	12	7	20.73	20.90	20.72		
5	16QAM	12	13	20.81	20.97	20.73		
5	16QAM	25	0	20.87	20.92	20.83		
5	64QAM	1	0	20.88	21.15	20.98	22.5	1
5	64QAM	1	12	20.74	21.00	20.72		
5	64QAM	1	24	20.75	20.84	20.93		
5	64QAM	12	0	20.02	19.96	19.84	21.5	2
5	64QAM	12	7	19.84	19.92	19.72		
5	64QAM	12	13	19.82	19.96	19.82		
5	64QAM	25	0	19.87	19.86	19.90		
5	256QAM	1	0	17.91	18.03	17.95	19.5	4
5	256QAM	1	12	17.68	17.85	17.84		
5	256QAM	1	24	17.79	17.92	17.86		
5	256QAM	12	0	17.97	18.10	17.91	19.5	4
5	256QAM	12	7	17.84	18.15	17.97		
5	256QAM	12	13	17.81	18.06	17.78		
5	256QAM	25	0	17.91	18.04	17.98		

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BW [MHz]	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	22.95	23.02	22.88	24.5	0
20	QPSK	1	49	22.80	22.84	22.76		
20	QPSK	1	99	22.82	22.96	22.83		
20	QPSK	50	0	21.90	21.99	21.91	23.5	1
20	QPSK	50	24	21.77	21.91	21.79		
20	QPSK	50	50	21.86	21.93	21.70		
20	QPSK	100	0	21.92	21.97	21.86		
20	16QAM	1	0	22.03	22.06	22.01	23.5	1
20	16QAM	1	49	21.78	21.89	21.78		
20	16QAM	1	99	21.88	22.01	21.98		
20	16QAM	50	0	20.91	21.04	20.98	22.5	2
20	16QAM	50	24	20.92	21.01	20.97		
20	16QAM	50	50	20.87	20.97	20.84		
20	16QAM	100	0	20.96	21.06	21.01		
20	64QAM	1	0	20.99	21.07	21.01	22.5	2
20	64QAM	1	49	20.79	20.93	20.79		
20	64QAM	1	99	20.97	21.12	21.02		
20	64QAM	50	0	19.92	20.00	19.90	21.5	3
20	64QAM	50	24	20.01	20.06	19.97		
20	64QAM	50	50	19.91	20.05	19.97		
20	64QAM	100	0	20.01	20.07	19.94		
20	256QAM	1	0	17.92	18.05	17.94	19.5	5
20	256QAM	1	49	17.82	17.93	17.88		
20	256QAM	1	99	17.85	17.92	17.81		
20	256QAM	50	0	17.80	17.91	17.86	19.5	5
20	256QAM	50	24	17.92	17.78	17.80		
20	256QAM	50	50	17.84	17.86	17.75		
20	256QAM	100	0	17.84	17.96	17.92		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	22.83	22.91	22.85	24.5	0
15	QPSK	1	37	22.78	22.83	22.76		
15	QPSK	1	74	22.83	22.94	22.88		
15	QPSK	36	0	21.81	21.91	21.81	23.5	1
15	QPSK	36	20	21.77	21.84	21.76		
15	QPSK	36	39	21.79	21.84	21.78		
15	QPSK	75	0	21.77	21.91	21.75		
15	16QAM	1	0	21.90	21.97	21.89	23.5	1
15	16QAM	1	37	21.79	21.91	21.76		
15	16QAM	1	74	21.83	21.88	21.90		
15	16QAM	36	0	20.77	20.91	20.89	22.5	2
15	16QAM	36	20	20.87	20.88	20.86		
15	16QAM	36	39	20.80	20.83	20.78		
15	16QAM	75	0	20.83	20.96	20.96		
15	64QAM	1	0	20.90	21.02	20.90	22.5	2
15	64QAM	1	37	20.79	20.95	20.75		
15	64QAM	1	74	20.82	21.08	20.91		
15	64QAM	36	0	19.77	19.96	19.87	21.5	3
15	64QAM	36	20	19.98	19.94	19.94		
15	64QAM	36	39	19.78	20.02	19.88		
15	64QAM	75	0	19.95	19.99	19.81		
15	256QAM	1	0	17.92	18.00	17.93	19.5	5
15	256QAM	1	37	17.86	17.92	17.86		
15	256QAM	1	74	17.83	17.89	17.76		
15	256QAM	36	0	17.77	17.86	17.90	19.5	5
15	256QAM	36	20	17.90	17.76	17.83		
15	256QAM	36	39	17.89	17.90	17.90		
15	256QAM	75	0	17.84	17.92	17.97		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	22.80	22.95	22.81	24.5	0
10	QPSK	1	25	22.77	22.81	22.76		
10	QPSK	1	49	22.84	22.99	22.83		
10	QPSK	25	0	21.77	21.88	21.82	23.5	1
10	QPSK	25	12	21.76	21.97	21.76		
10	QPSK	25	25	21.91	21.90	21.78		
10	QPSK	50	0	21.88	21.82	21.78		
10	16QAM	1	0	21.91	22.02	21.92	23.5	1
10	16QAM	1	25	21.84	21.85	21.75		
10	16QAM	1	49	21.85	21.95	21.89		
10	16QAM	25	0	20.76	20.94	20.85	22.5	2
10	16QAM	25	12	20.84	20.90	20.93		
10	16QAM	25	25	20.76	20.82	20.80		
10	16QAM	50	0	20.87	20.95	20.86		
10	64QAM	1	0	20.95	20.97	20.92	22.5	2
10	64QAM	1	25	20.80	20.82	20.76		
10	64QAM	1	49	20.90	20.98	20.89		
10	64QAM	25	0	19.79	19.91	19.85	21.5	3
10	64QAM	25	12	19.90	20.00	19.84		
10	64QAM	25	25	19.78	19.91	19.83		
10	64QAM	50	0	19.94	20.02	19.87		
10	256QAM	1	0	17.87	18.04	17.92	19.5	5
10	256QAM	1	25	17.79	17.96	17.90		
10	256QAM	1	49	17.84	17.96	17.78		
10	256QAM	25	0	17.83	17.90	17.88	19.5	5
10	256QAM	25	12	17.77	17.83	17.97		
10	256QAM	25	25	17.85	17.84	17.78		
10	256QAM	50	0	17.88	17.96	17.96		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	22.84	22.94	22.84	24.5	0
5	QPSK	1	12	22.84	22.81	22.79		
5	QPSK	1	24	22.87	22.93	22.88		
5	QPSK	12	0	21.94	21.98	21.86	23.5	1
5	QPSK	12	7	21.78	21.86	21.76		
5	QPSK	12	13	21.89	21.88	21.76		
5	QPSK	25	0	21.98	21.96	21.88		
5	16QAM	1	0	22.03	22.02	22.01	23.5	1
5	16QAM	1	12	21.78	21.91	21.83		
5	16QAM	1	24	21.91	22.02	21.97		
5	16QAM	12	0	20.88	21.08	20.97	22.5	2
5	16QAM	12	7	20.95	20.98	20.93		
5	16QAM	12	13	20.89	20.97	20.87		
5	16QAM	25	0	21.00	21.08	20.97		
5	64QAM	1	0	21.01	21.13	20.96	22.5	2
5	64QAM	1	12	20.75	20.91	20.83		
5	64QAM	1	24	20.84	21.00	20.89		
5	64QAM	12	0	19.87	19.90	19.86	21.5	3
5	64QAM	12	7	19.87	20.03	19.88		
5	64QAM	12	13	19.84	19.92	19.88		
5	64QAM	25	0	19.96	19.93	19.90		
5	256QAM	1	0	17.94	18.06	18.00	19.5	5
5	256QAM	1	12	17.79	17.92	17.89		
5	256QAM	1	24	17.86	17.88	17.81		
5	256QAM	12	0	17.77	17.88	17.89	19.5	5
5	256QAM	12	7	17.77	17.77	17.78		
5	256QAM	12	13	17.99	17.91	17.94		
5	256QAM	25	0	17.85	17.93	17.94		
Channel				131972	132322	132672	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	22.85	22.93	22.78	24.5	0
3	QPSK	1	8	22.86	22.86	22.81		
3	QPSK	1	14	22.84	22.96	22.83		
3	QPSK	8	0	21.96	21.95	21.88	23.5	1
3	QPSK	8	4	21.82	21.89	21.83		
3	QPSK	8	7	21.82	21.88	21.77		
3	QPSK	15	0	21.98	21.97	21.85		
3	16QAM	1	0	22.08	22.03	22.02	23.5	1
3	16QAM	1	8	21.80	21.95	21.79		
3	16QAM	1	14	21.90	22.01	21.94		
3	16QAM	8	0	20.88	21.03	20.94	22.5	2
3	16QAM	8	4	20.94	21.07	20.99		
3	16QAM	8	7	20.85	20.98	20.82		
3	16QAM	15	0	20.83	20.93	20.87		
3	64QAM	1	0	20.90	21.00	20.97	22.5	2
3	64QAM	1	8	20.76	20.79	20.76		
3	64QAM	1	14	20.87	21.03	20.95		
3	64QAM	8	0	19.83	19.87	19.79	21.5	3
3	64QAM	8	4	19.96	19.97	19.87		
3	64QAM	8	7	19.85	19.98	19.90		
3	64QAM	15	0	19.94	19.94	19.90		
3	256QAM	1	0	17.95	18.09	17.92	19.5	5
3	256QAM	1	8	17.79	17.88	17.83		
3	256QAM	1	14	17.82	17.97	17.85		
3	256QAM	8	0	17.81	17.92	17.90	19.5	5
3	256QAM	8	4	17.87	17.84	17.82		
3	256QAM	8	7	17.79	17.88	17.76		
3	256QAM	15	0	17.85	17.98	17.89		
Channel				131979	132332	132685	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	22.86	22.97	22.82	24.5	0
1.4	QPSK	1	3	22.81	22.79	22.77		
1.4	QPSK	1	5	22.87	22.92	22.84		
1.4	QPSK	3	0	22.78	22.86	22.80		
1.4	QPSK	3	1	22.82	22.92	22.79		
1.4	QPSK	3	3	22.91	22.92	22.80		
1.4	QPSK	6	0	21.85	21.92	21.83	23.5	1
1.4	16QAM	1	0	21.89	21.91	21.95	23.5	1
1.4	16QAM	1	3	21.79	21.91	21.83		
1.4	16QAM	1	5	21.77	21.90	21.89		
1.4	16QAM	3	0	21.82	21.96	21.94		
1.4	16QAM	3	1	21.87	21.86	21.85		
1.4	16QAM	3	3	21.82	21.87	21.84		
1.4	16QAM	6	0	20.90	20.92	20.89	22.5	2
1.4	64QAM	1	0	20.86	20.95	20.86	22.5	2
1.4	64QAM	1	3	20.75	20.94	20.80		
1.4	64QAM	1	5	20.84	21.05	20.87		
1.4	64QAM	3	0	20.81	20.97	20.76		
1.4	64QAM	3	1	20.88	21.02	20.83		
1.4	64QAM	3	3	20.84	20.97	20.85		
1.4	64QAM	6	0	19.86	20.01	19.79	21.5	3
1.4	256QAM	1	0	17.94	18.02	17.96	19.5	5
1.4	256QAM	1	3	17.82	17.93	17.84		
1.4	256QAM	1	5	17.83	17.95	17.83		
1.4	256QAM	3	0	17.81	17.90	17.83		
1.4	256QAM	3	1	17.81	17.85	17.80		
1.4	256QAM	3	3	17.81	17.99	17.88		
1.4	256QAM	6	0	17.84	17.94	17.97	19.5	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	22.58	22.67	22.64	24	0
20	QPSK	1	49	22.52	22.64	22.57		
20	QPSK	1	99	22.55	22.66	22.53		
20	QPSK	50	0	21.71	21.77	21.72	23	1
20	QPSK	50	24	21.66	21.71	21.60		
20	QPSK	50	50	21.61	21.64	21.55		
20	QPSK	100	0	21.65	21.69	21.62		
20	16QAM	1	0	21.59	21.70	21.63	23	1
20	16QAM	1	49	21.57	21.69	21.63		
20	16QAM	1	99	21.55	21.66	21.60		
20	16QAM	50	0	20.71	20.84	20.70	22	2
20	16QAM	50	24	20.65	20.74	20.64		
20	16QAM	50	50	20.60	20.70	20.59		
20	16QAM	100	0	20.58	20.67	20.55		
20	64QAM	1	0	20.61	20.73	20.63	22	2
20	64QAM	1	49	20.53	20.68	20.54		
20	64QAM	1	99	20.58	20.67	20.61		
20	64QAM	50	0	19.75	19.87	19.82	21	3
20	64QAM	50	24	19.67	19.79	19.69		
20	64QAM	50	50	19.67	19.78	19.64		
20	64QAM	100	0	19.54	19.64	19.54		
20	256QAM	1	0	17.63	17.77	17.68	19	5
20	256QAM	1	49	17.55	17.65	17.60		
20	256QAM	1	99	17.58	17.67	17.60		
20	256QAM	50	0	17.79	17.89	17.77	19	5
20	256QAM	50	24	17.67	17.76	17.72		
20	256QAM	50	50	17.70	17.78	17.73		
20	256QAM	100	0	17.74	17.84	17.71		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.50	22.61	22.52	24	0
15	QPSK	1	37	22.40	22.57	22.47		
15	QPSK	1	74	22.43	22.55	22.44		
15	QPSK	36	0	21.56	21.66	21.63	23	1
15	QPSK	36	20	21.59	21.63	21.50		
15	QPSK	36	39	21.50	21.51	21.41		
15	QPSK	75	0	21.58	21.59	21.52		
15	16QAM	1	0	21.53	21.64	21.52	23	1
15	16QAM	1	37	21.48	21.65	21.55		
15	16QAM	1	74	21.47	21.59	21.46		
15	16QAM	36	0	20.64	20.74	20.57	22	2
15	16QAM	36	20	20.52	20.66	20.52		
15	16QAM	36	39	20.52	20.58	20.53		
15	16QAM	75	0	20.53	20.56	20.50		
15	64QAM	1	0	20.57	20.60	20.58	22	2
15	64QAM	1	37	20.42	20.56	20.46		
15	64QAM	1	74	20.43	20.58	20.52		
15	64QAM	36	0	19.66	19.76	19.67	21	3
15	64QAM	36	20	19.53	19.69	19.58		
15	64QAM	36	39	19.56	19.64	19.58		
15	64QAM	75	0	19.41	19.54	19.39		
15	256QAM	1	0	17.66	17.79	17.69	19	5
15	256QAM	1	37	17.51	17.65	17.54		
15	256QAM	1	74	17.52	17.71	17.64		
15	256QAM	36	0	17.81	17.88	17.83	19	5
15	256QAM	36	20	17.69	17.77	17.75		
15	256QAM	36	39	17.64	17.80	17.69		
15	256QAM	75	0	17.70	17.81	17.73		
Channel				37600	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.45	22.56	22.52	24	0
10	QPSK	1	25	22.45	22.58	22.48		
10	QPSK	1	49	22.42	22.55	22.45		
10	QPSK	25	0	21.61	21.66	21.64	23	1
10	QPSK	25	12	21.63	21.60	21.55		
10	QPSK	25	25	21.56	21.49	21.48		
10	QPSK	50	0	21.59	21.63	21.48		
10	16QAM	1	0	21.52	21.62	21.51	23	1
10	16QAM	1	25	21.48	21.60	21.53		
10	16QAM	1	49	21.51	21.55	21.54		
10	16QAM	25	0	20.66	20.73	20.62	22	2
10	16QAM	25	12	20.50	20.66	20.58		
10	16QAM	25	25	20.56	20.57	20.47		
10	16QAM	50	0	20.52	20.59	20.47		
10	64QAM	1	0	20.48	20.70	20.58	22	2
10	64QAM	1	25	20.41	20.62	20.49		
10	64QAM	1	49	20.47	20.56	20.54		
10	64QAM	25	0	19.64	19.74	19.78	21	3
10	64QAM	25	12	19.61	19.70	19.60		
10	64QAM	25	25	19.61	19.64	19.52		
10	64QAM	50	0	19.42	19.55	19.42		
10	256QAM	1	0	17.58	17.73	17.67	19	5
10	256QAM	1	25	17.60	17.62	17.61		
10	256QAM	1	49	17.55	17.66	17.57		
10	256QAM	25	0	17.76	17.86	17.73	19	5
10	256QAM	25	12	17.70	17.72	17.70		
10	256QAM	25	25	17.74	17.87	17.69		
10	256QAM	50	0	17.74	17.87	17.67		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.45	22.56	22.52	24	0
5	QPSK	1	12	22.48	22.58	22.42		
5	QPSK	1	24	22.50	22.60	22.48		
5	QPSK	12	0	21.64	21.67	21.68	23	1
5	QPSK	12	7	21.52	21.66	21.49		
5	QPSK	12	13	21.48	21.60	21.50		
5	QPSK	25	0	21.53	21.63	21.59		
5	16QAM	1	0	21.45	21.67	21.57	23	1
5	16QAM	1	12	21.43	21.58	21.51		
5	16QAM	1	24	21.49	21.63	21.49		
5	16QAM	12	0	20.65	20.75	20.66	22	2
5	16QAM	12	7	20.61	20.65	20.55		
5	16QAM	12	13	20.48	20.62	20.53		
5	16QAM	25	0	20.44	20.61	20.40		
5	64QAM	1	0	20.50	20.65	20.52	22	2
5	64QAM	1	12	20.41	20.58	20.45		
5	64QAM	1	24	20.54	20.62	20.49		
5	64QAM	12	0	19.64	19.74	19.77	21	3
5	64QAM	12	7	19.57	19.73	19.65		
5	64QAM	12	13	19.61	19.67	19.53		
5	64QAM	25	0	19.51	19.49	19.50		
5	256QAM	1	0	17.64	17.82	17.67	19	5
5	256QAM	1	12	17.50	17.61	17.61		
5	256QAM	1	24	17.64	17.61	17.61		
5	256QAM	12	0	17.85	17.94	17.78	19	5
5	256QAM	12	7	17.66	17.74	17.77		
5	256QAM	12	13	17.71	17.74	17.68		
5	256QAM	25	0	17.79	17.84	17.70		

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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	22.85	22.72	22.93	22.81	22.76	24.5	0
20	QPSK	1	49	22.83	22.81	22.86	22.80	22.74		
20	QPSK	1	99	22.65	22.64	22.75	22.70	22.68		
20	QPSK	50	0	21.77	21.84	21.88	21.80	21.85	23.5	1
20	QPSK	50	24	21.71	21.87	21.78	21.64	21.71		
20	QPSK	50	50	21.69	21.77	21.81	21.68	21.74		
20	QPSK	100	0	21.70	21.75	21.84	21.75	21.75		
20	16QAM	1	0	21.91	21.91	21.95	21.88	21.94	23.5	1
20	16QAM	1	49	21.70	21.70	21.83	21.77	21.69		
20	16QAM	1	99	21.71	21.68	21.80	21.67	21.76		
20	16QAM	50	0	20.86	20.78	20.91	20.83	20.87	22.5	2
20	16QAM	50	24	20.74	20.67	20.78	20.74	20.68		
20	16QAM	50	50	20.66	20.75	20.79	20.67	20.64		
20	16QAM	100	0	20.83	20.76	20.89	20.84	20.84		
20	64QAM	1	0	20.89	20.92	20.95	20.86	20.82	22.5	2
20	64QAM	1	49	20.80	20.83	20.87	20.74	20.83		
20	64QAM	1	99	20.72	20.76	20.79	20.65	20.70		
20	64QAM	50	0	19.83	19.90	19.97	19.91	19.86	21.5	3
20	64QAM	50	24	19.69	19.70	19.76	19.67	19.66		
20	64QAM	50	50	19.74	19.72	19.80	19.69	19.66		
20	64QAM	100	0	19.80	19.73	19.86	19.76	19.81		
20	256QAM	1	0	17.79	17.76	17.84	17.74	17.69	19.5	5
20	256QAM	1	49	17.65	17.67	17.72	17.65	17.68		
20	256QAM	1	99	17.68	17.67	17.76	17.65	17.64		
20	256QAM	50	0	17.77	17.77	17.89	17.83	17.82	19.5	5
20	256QAM	50	24	17.69	17.74	17.82	17.78	17.69		
20	256QAM	50	50	17.69	17.71	17.76	17.69	17.75		
20	256QAM	100	0	17.82	17.71	17.86	17.71	17.82		
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	22.77	22.68	22.87	22.76	22.73	25	0
15	QPSK	1	37	22.74	22.74	22.78	22.68	22.63		
15	QPSK	1	74	22.61	22.60	22.62	22.56	22.53		
15	QPSK	36	0	21.63	21.76	21.75	21.74	21.80	23.5	1
15	QPSK	36	20	21.59	21.54	21.68	21.54	21.63		
15	QPSK	36	39	21.65	21.67	21.71	21.60	21.63		
15	QPSK	75	0	21.60	21.68	21.75	21.65	21.61		
15	16QAM	1	0	21.85	21.80	21.82	21.81	21.75	23.5	1
15	16QAM	1	37	21.56	21.63	21.71	21.67	21.57		
15	16QAM	1	74	21.60	21.62	21.69	21.56	21.64		
15	16QAM	36	0	20.78	20.73	20.85	20.73	20.75	22.5	2
15	16QAM	36	20	20.68	20.60	20.66	20.65	20.58		
15	16QAM	36	39	20.55	20.61	20.66	20.62	20.57		
15	16QAM	75	0	20.69	20.71	20.76	20.80	20.70		
15	64QAM	1	0	20.82	20.84	20.86	20.77	20.74	22.5	2
15	64QAM	1	37	20.68	20.70	20.79	20.66	20.74		
15	64QAM	1	74	20.61	20.64	20.68	20.53	20.62		
15	64QAM	36	0	19.78	19.77	19.83	19.85	19.74	21.5	3
15	64QAM	36	20	19.54	19.62	19.65	19.57	19.61		
15	64QAM	36	39	19.62	19.58	19.75	19.64	19.53		
15	64QAM	75	0	19.73	19.67	19.80	19.70	19.73		
15	256QAM	1	0	17.68	17.69	17.79	17.61	17.60	19.5	5
15	256QAM	1	37	17.61	17.56	17.62	17.58	17.61		
15	256QAM	1	74	17.62	17.56	17.62	17.55	17.60		
15	256QAM	36	0	17.66	17.72	17.86	17.80	17.68	19.5	5
15	256QAM	36	20	17.60	17.63	17.72	17.66	17.63		
15	256QAM	36	39	17.61	17.64	17.69	17.60	17.69		
15	256QAM	75	0	17.76	17.63	17.83	17.60	17.72		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.74	22.64	22.81	22.77	22.68	24.50	0
10	QPSK	1	25	22.72	22.66	22.75	22.66	22.60		
10	QPSK	1	49	22.56	22.52	22.68	22.56	22.55		
10	QPSK	25	0	21.66	21.73	21.80	21.75	21.73	23.5	1
10	QPSK	25	12	21.69	21.58	21.75	21.51	21.63		
10	QPSK	25	25	21.64	21.62	21.77	21.60	21.66		
10	QPSK	50	0	21.57	21.64	21.69	21.68	21.69		
10	16QAM	1	0	21.78	21.87	21.86	21.83	21.76	23.5	1
10	16QAM	1	25	21.66	21.56	21.79	21.66	21.59		
10	16QAM	1	49	21.59	21.64	21.73	21.62	21.71		
10	16QAM	25	0	20.77	20.65	20.85	20.79	20.75	22.5	2
10	16QAM	25	12	20.62	20.62	20.64	20.65	20.63		
10	16QAM	25	25	20.54	20.62	20.73	20.60	20.59		
10	16QAM	50	0	20.72	20.67	20.76	20.72	20.71		
10	64QAM	1	0	20.79	20.78	20.87	20.82	20.69	22.5	2
10	64QAM	1	25	20.70	20.71	20.81	20.70	20.79		
10	64QAM	1	49	20.68	20.66	20.72	20.56	20.65		
10	64QAM	25	0	19.80	19.76	19.89	19.87	19.77	21.5	3
10	64QAM	25	12	19.63	19.55	19.67	19.57	19.59		
10	64QAM	25	25	19.59	19.58	19.72	19.65	19.62		
10	64QAM	50	0	19.71	19.59	19.77	19.65	19.71		
10	256QAM	1	0	17.74	17.71	17.74	17.63	17.64	19.5	5
10	256QAM	1	25	17.51	17.53	17.68	17.57	17.56		
10	256QAM	1	49	17.62	17.52	17.71	17.58	17.59		
10	256QAM	25	0	17.66	17.65	17.83	17.80	17.75	19.5	5
10	256QAM	25	12	17.60	17.61	17.75	17.72	17.62		
10	256QAM	25	25	17.74	17.68	17.71	17.62	17.71		
10	256QAM	50	0	17.68	17.67	17.73	17.61	17.76		
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	22.79	22.65	22.83	22.70	22.69	24.50	0
5	QPSK	1	12	22.71	22.72	22.78	22.73	22.68		
5	QPSK	1	24	22.60	22.57	22.63	22.67	22.61		
5	QPSK	12	0	21.66	21.76	21.82	21.75	21.75	23.5	1
5	QPSK	12	7	21.67	21.61	21.63	21.57	21.64		
5	QPSK	12	13	21.60	21.63	21.73	21.64	21.63		
5	QPSK	25	0	21.60	21.64	21.77	21.71	21.69		
5	16QAM	1	0	21.88	21.82	21.89	21.77	21.76	23.5	1
5	16QAM	1	12	21.59	21.61	21.78	21.72	21.62		
5	16QAM	1	24	21.65	21.55	21.67	21.55	21.67		
5	16QAM	12	0	20.72	20.66	20.77	20.73	20.72	22.5	2
5	16QAM	12	7	20.67	20.58	20.64	20.70	20.55		
5	16QAM	12	13	20.56	20.69	20.69	20.54	20.60		
5	16QAM	25	0	20.75	20.64	20.84	20.70	20.76	22.5	2
5	64QAM	1	0	20.76	20.77	20.87	20.74	20.74		
5	64QAM	1	12	20.65	20.75	20.75	20.60	20.73		
5	64QAM	1	24	20.68	20.68	20.69	20.52	20.57		
5	64QAM	12	0	19.76	19.79	19.90	19.78	19.81	21.5	3
5	64QAM	12	7	19.55	19.59	19.69	19.55	19.62		
5	64QAM	12	13	19.61	19.61	19.75	19.64	19.53		
5	64QAM	25	0	19.70	19.69	19.78	19.72	19.70		
5	256QAM	1	0	17.71	17.67	17.75	17.69	17.57	19.5	5
5	256QAM	1	12	17.59	17.53	17.60	17.52	17.62		
5	256QAM	1	24	17.60	17.58	17.62	17.57	17.55		
5	256QAM	12	0	17.70	17.68	17.75	17.79	17.76	19.5	5
5	256QAM	12	7	17.65	17.65	17.68	17.72	17.55		
5	256QAM	12	13	17.56	17.68	17.73	17.63	17.63		
5	256QAM	25	0	17.73	17.66	17.79	17.60	17.77		

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	32.98	33.22	33.13	34.90	23.98	24.22	24.13	25.90
GPRS 1 Tx slot	32.90	33.12	33.04	34.90	23.90	24.12	24.04	25.90
GPRS 2 Tx slots	30.01	30.18	30.12	31.90	24.01	24.18	24.12	25.90
GPRS 3 Tx slots	28.19	28.23	28.16	30.10	23.93	23.97	23.90	25.84
GPRS 4 Tx slots	26.93	26.97	26.94	28.90	23.93	23.97	23.94	25.90
EDGE 1 Tx slot	26.71	26.77	26.76	28.50	17.71	17.77	17.76	19.50
EDGE 2 Tx slots	23.78	23.80	23.68	25.50	17.78	17.80	17.68	19.50
EDGE 3 Tx slots	21.76	21.89	21.84	23.70	17.50	17.63	17.58	19.44
EDGE 4 Tx slots	20.66	20.62	20.61	22.50	17.66	17.62	17.61	19.50

GSM1900 Ant1 Default

GSM1900	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	30.23	30.31	30.27	31.50	21.23	21.31	21.27	22.50
GPRS 1 Tx slot	30.12	30.23	30.21	31.50	21.12	21.23	21.21	22.50
GPRS 2 Tx slots	26.96	27.03	26.92	28.50	20.96	21.03	20.92	22.50
GPRS 3 Tx slots	25.24	25.32	25.11	26.70	20.98	21.06	20.85	22.44
GPRS 4 Tx slots	24.24	24.37	24.16	25.50	21.24	21.37	21.16	22.50
EDGE 1 Tx slot	25.06	25.16	25.31	26.50	16.05	16.16	16.31	17.50
EDGE 2 Tx slots	22.11	22.20	22.31	23.50	16.11	16.20	16.31	17.50
EDGE 3 Tx slots	20.29	20.38	20.56	21.70	16.03	16.12	16.30	17.44
EDGE 4 Tx slots	19.09	19.08	19.23	20.50	16.09	16.08	16.23	17.50

		WCDMA II Ant1 DSI3				WCDMA IV Ant1 DSI3				WCDMA V Ant1 DSI4			
Band		WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)	WCDMA V			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	22.25	22.28	22.21	23.80	22.98	23.11	23.00	24.10	23.27	23.35	23.33	25.10
3GPP Rel 99	RMC 12.2Kbps	22.20	22.34	22.31	23.80	23.11	23.12	23.06	24.10	23.30	23.48	23.37	25.10
3GPP Rel 6	HSDPA Subtest-1	21.16	21.36	21.38	22.80	21.98	22.23	22.08	23.10	22.52	22.46	22.37	24.10
3GPP Rel 6	HSDPA Subtest-2	21.26	21.42	21.39	22.80	22.09	22.07	22.21	23.10	22.62	22.51	22.30	24.10
3GPP Rel 6	HSDPA Subtest-3	20.70	20.83	20.91	22.30	21.61	21.70	21.87	22.60	22.15	21.85	22.07	23.60
3GPP Rel 6	HSDPA Subtest-4	20.73	20.82	20.91	22.30	21.57	21.61	21.62	22.60	22.00	22.08	21.83	23.60
3GPP Rel 8	DC-HSDPA Subtest-1	21.22	21.30	21.30	22.80	22.04	22.24	22.11	23.10	22.63	22.54	22.39	24.10
3GPP Rel 8	DC-HSDPA Subtest-2	21.12	21.25	21.56	22.80	22.03	22.17	22.17	23.10	22.58	22.67	22.46	24.10
3GPP Rel 8	DC-HSDPA Subtest-3	20.70	20.95	20.80	22.30	21.60	21.64	21.90	22.60	22.13	22.14	21.94	23.60
3GPP Rel 8	DC-HSDPA Subtest-4	20.76	20.77	20.90	22.30	21.56	21.62	21.79	22.60	21.92	22.16	21.87	23.60
3GPP Rel 6	HSUPA Subtest-1	21.39	21.24	21.44	22.80	22.17	22.21	22.22	23.10	22.47	22.59	22.30	24.10
3GPP Rel 6	HSUPA Subtest-2	19.44	19.44	19.32	20.80	20.00	20.19	20.25	21.10	20.59	20.47	20.20	22.10
3GPP Rel 6	HSUPA Subtest-3	20.15	20.36	20.52	21.80	21.11	21.01	21.08	22.10	21.58	21.44	21.32	23.10
3GPP Rel 6	HSUPA Subtest-4	19.13	19.39	19.53	20.80	20.05	20.05	20.30	21.10	20.73	20.39	20.32	22.10
3GPP Rel 6	HSUPA Subtest-5	21.24	21.41	21.43	22.80	22.27	22.17	22.03	23.10	22.61	22.52	22.41	24.10
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	18.71	18.81	18.77	20.30	19.64	19.78	19.57	20.60	20.32	20.05	19.95	21.60

Band 2 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				18700	18900	19100		
Frequency (MHz)				1880	1880	1900		
20	QPSK	1	0	22.62	22.63	22.58		
20	QPSK	1	49	22.24	22.44	22.42	23.8	0
20	QPSK	1	99	22.42	22.54	22.53		
20	QPSK	50	0	22.24	22.33	22.32		
20	QPSK	50	24	21.97	22.13	22.08	23.8	0
20	QPSK	50	50	22.08	22.27	22.19		
20	QPSK	100	0	22.26	22.36	22.25		
20	16QAM	1	0	22.33	22.36	22.26		
20	16QAM	1	49	22.00	22.21	22.20	23.8	0
20	16QAM	1	99	22.14	22.28	22.19		
20	16QAM	50	0	21.77	21.89	21.81		
20	16QAM	50	24	21.84	21.78	21.75	23.3	0.5
20	16QAM	50	50	21.50	21.67	21.65		
20	16QAM	100	0	21.56	21.74	21.76		
20	64QAM	1	0	21.80	21.90	21.84		
20	64QAM	1	49	21.49	21.71	21.58	23.3	0.5
20	64QAM	1	99	21.66	21.66	21.78		
20	64QAM	50	0	20.77	20.82	20.77		
20	64QAM	50	24	20.39	20.62	20.59	22.3	1.5
20	64QAM	50	50	20.70	20.76	20.74		
20	64QAM	100	0	20.85	20.82	20.83		
20	256QAM	1	0	20.05	20.06	20.11		
20	256QAM	1	49	19.67	19.97	19.97	20.3	3.5
20	256QAM	1	99	19.90	20.07	20.04		
20	256QAM	50	0	20.13	20.17	20.13		
20	256QAM	50	24	20.16	20.09	20.08	20.3	3.5
20	256QAM	50	50	19.72	19.95	19.99		
20	256QAM	100	0	19.89	20.10	20.06		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.51	22.52	22.50		
15	QPSK	1	37	22.13	22.33	22.34	23.8	0
15	QPSK	1	74	22.33	22.45	22.43		
15	QPSK	36	0	22.14	22.20	22.23		
15	QPSK	36	20	21.84	22.00	21.96	23.8	0
15	QPSK	36	39	21.96	22.18	22.06		
15	QPSK	75	0	22.18	22.23	22.12		
15	16QAM	1	0	22.23	22.26	22.16		
15	16QAM	1	37	21.92	22.13	22.09	23.8	0
15	16QAM	1	74	22.05	22.19	22.07		
15	16QAM	36	0	21.69	21.79	21.74		
15	16QAM	36	20	21.72	21.70	21.68	23.3	0.5
15	16QAM	36	39	21.40	21.57	21.56		
15	16QAM	75	0	21.48	21.63	21.69		
15	64QAM	1	0	21.68	21.77	21.77		
15	64QAM	1	37	21.38	21.62	21.51	23.3	0.5
15	64QAM	1	74	21.57	21.55	21.67		
15	64QAM	36	0	20.65	20.73	20.67		
15	64QAM	36	20	20.32	20.53	20.51	22.3	1.5
15	64QAM	36	39	20.60	20.66	20.63		
15	64QAM	75	0	20.77	20.73	20.70		
15	256QAM	1	0	19.95	19.96	19.99		
15	256QAM	1	37	19.56	19.87	19.87	20.3	3.5
15	256QAM	1	74	19.81	19.95	19.95		
15	256QAM	36	0	20.06	20.08	20.01		
15	256QAM	36	20	20.05	19.97	19.97	20.3	3.5
15	256QAM	36	39	19.65	19.87	19.90		
15	256QAM	75	0	19.77	19.99	19.96		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	22.50	22.53	22.51		
10	QPSK	1	25	22.16	22.34	22.34	23.8	0
10	QPSK	1	49	22.34	22.43	22.43		
10	QPSK	25	0	22.15	22.20	22.21		
10	QPSK	25	12	21.85	22.06	21.98	23.8	0
10	QPSK	25	25	21.96	22.18	22.10		
10	QPSK	50	0	22.16	22.28	22.15		
10	16QAM	1	0	22.24	22.28	22.17		
10	16QAM	1	25	21.90	22.12	22.07	23.8	0
10	16QAM	1	49	22.04	22.19	22.07		
10	16QAM	25	0	21.65	21.81	21.72		
10	16QAM	25	12	21.74	21.71	21.66	23.3	0.5
10	16QAM	25	25	21.38	21.58	21.56		
10	16QAM	50	0	21.45	21.66	21.68		
10	64QAM	1	0	21.69	21.81	21.72		
10	64QAM	1	25	21.38	21.64	21.48	23.3	0.5
10	64QAM	1	49	21.56	21.56	21.69		
10	64QAM	25	0	20.67	20.74	20.69		
10	64QAM	25	12	20.52	20.51	20.50	22.3	1.5
10	64QAM	25	25	20.62	20.64	20.62		
10	64QAM	50	0	20.75	20.69	20.72		
10	256QAM	1	0	19.95	19.96	19.99		
10	256QAM	1	25	19.59	19.90	19.90	20.3	3.5
10	256QAM	1	49	19.82	19.99	19.95		
10	256QAM	25	0	20.05	20.04	20.02		
10	256QAM	25	12	20.06	19.98	19.99	20.3	3.5
10	256QAM	25	25	19.63	19.82	19.86		
10	256QAM	50	0	19.76	19.98	19.99		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.50	22.52	22.49		
5	QPSK	1	12	22.17	22.35	22.30	23.8	0
5	QPSK	1	24	22.35	22.43	22.41		
5	QPSK	12	0	22.14	22.25	22.19		
5	QPSK	12	7	21.89	22.03	21.97	23.8	0
5	QPSK	12	13	21.96	22.18	22.12		
5	QPSK	25	0	22.14	22.25	22.17		
5	16QAM	1	0	22.26	22.28	22.14		
5	16QAM	1	12	21.89	22.08	22.09	23.8	0
5	16QAM	1	24	22.02	22.21	22.08		
5	16QAM	12	0	21.65	21.82	21.72		
5	16QAM	12	7	21.75	21.70	21.63	23.3	0.5
5	16QAM	12	13	21.43	21.60	21.55		
5	16QAM	25	0	21.48	21.65	21.66		
5	64QAM	1	0	21.68	21.79	21.72		
5	64QAM	1	12	21.39	21.60	21.48	23.3	0.5
5	64QAM	1	24	21.55	21.54	21.67		
5	64QAM	12	0	20.67	20.71	20.66		
5	64QAM	12	7	20.51	20.52	20.48	22.3	1.5
5	64QAM	12	13	20.61	20.63	20.61		
5	64QAM	25	0	20.73	20.75	20.74		
5	256QAM	1	0	19.95	19.96	20.00		
5	256QAM	1	12	19.56	19.89	19.87	20.3	3.5
5	256QAM	1	24	19.79	19.99	19.95		
5	256QAM	12	0	20.01	20.06	20.01		
5	256QAM	12	7	20.04	20.01	19.96	20.3	3.5
5	256QAM	12	13	19.62	19.83	19.88		
5	256QAM	25	0	19.78	20.03	19.93		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.50	22.55	22.49		
3	QPSK	1	8	22.13	22.32	22.34	23.8	0
3	QPSK	1	14	22.34	22.45	22.41		
3	QPSK	8	0	22.17	22.23	22.20		
3	QPSK	8	4	21.89	22.05	21.99	23.8	0
3	QPSK	8	7	21.97	22.15	22.11		
3	QPSK	15	0	22.18	22.28	22.18		
3	16QAM	1	0	22.23	22.29	22.18		
3	16QAM	1	8	21.88	22.10	22.10	23.8	0
3	16QAM	1	14	22.05	22.19	22.08		
3	16QAM	8	0	21.66	21.80	21.73		
3	16QAM	8	4	21.75	21.67	21.63	23.3	0.5
3	16QAM	8	7	21.39	21.60	21.54		
3	16QAM	15	0	21.45	21.63	21.64		
3	64QAM	1	0	21.71	21.78	21.71		
3	64QAM	1	8	21.40	21.58	21.50	23.3	0.5
3	64QAM	1	14	21.55	21.58	21.68		
3	64QAM	8	0	20.67	20.75	20.69		
3	64QAM	8	4	20.52	20.53	20.47	22.3	1.5
3	64QAM	8	7	20.57	20.66	20.63		
3	64QAM	15	0	20.73	20.72	20.71		
3	256QAM	1	0	19.96	19.95	19.99		
3	256QAM	1	8	19.56	19.90	19.86	20.3	3.5
3	256QAM	1	14	19.81	19.94	19.93		
3	256QAM	8	0	20.04	20.05	20.02		
3	256QAM	8	4	20.04	19.97	19.96	20.3	3.5
3	256QAM	8	7	19.63	19.88	19.91		
3	256QAM	15	0	19.78	20.02	19.94		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.50	22.50	22.50		
1.4	QPSK	1	3	22.13	22.35	22.30		
1.4	QPSK	1	5	22.33	22.44	22.41	23.8	0
1.4	QPSK	3	0	22.17	22.22	22.22		
1.4	QPSK	3	1	21.84	22.01	21.99		
1.4	QPSK	3	3	21.98	22.19	22.10		
1.4	QPSK	6	0	22.16	22.29	22.14	23.8	0
1.4	16QAM	1	0	22.38	22.39	22.39		
1.4	16QAM	1	3	22.05	22.27	22.21		
1.4	16QAM	1	5	22.23	22.33	22.31	23.8	0
1.4	16QAM	3	0	22.10	22.10	22.10		
1.4	16QAM	3	1	21.89	21.90	21.90		
1.4	16QAM	3	3	21.86	22.12	22.02		
1.4	16QAM	6	0	21.44	21.61	21.65	23.3	0.5
1.4	64QAM	1	0	21.89	21.92	21.87		
1.4	64QAM	1	3	21.53	21.75	21.73		
1.4	64QAM	1	5	21.70	21.81	21.79	23.3	0.5
1.4	64QAM	3	0	21.58	21.62	21.61		
1.4	64QAM	3	1	21.35	21.39	21.40		
1.4	64QAM	3	3	21.35	21.59	21.50		
1.4	64QAM	6	0	20.77	20.69	20.71	22.3	1.5
1.4	256QAM	1	0	19.96	19.95	20.04		
1.4	256QAM	1	3	19.57	19.89	19.90		
1.4	256QAM	1	5	19.80	19.98	19.92	20.3	3.5
1.4	256QAM	3	0	20.06	20.08	20.05		
1.4	256QAM	3	1	20.04	19.97	20.00		
1.4	256QAM	3	3	19.64	19.85	19.90		
1.4	256QAM	6	0	19.80	19.99	19.96	20.3	3.5

Band 4 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				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	24.25	24.31	24.23		
20	QPSK	1	49	24.10	24.20	24.17	25.2	0
20	QPSK	1	99	24.04	24.16	24.07		
20	QPSK	50	0	23.02	23.15	23.09		
20	QPSK	50	24	23.03	23.10	22.96	24.7	0.5
20	QPSK	50	50	23.07	23.10	23.07		
20	QPSK	100	0	23.01	23.11	23.01		
20	16QAM	1	0	23.38	23.45	23.38		
20	16QAM	1	49	23.25	23.38	23.28	24.7	0.5
20	16QAM	1	99	23.34	23.43	23.25		
20	16QAM	50	0	22.15	22.23	22.15		
20	16QAM	50	24	22.20	22.33	22.19	23.7	1.5
20	16QAM	50	50	22.10	22.13	22.07		
20	16QAM	100	0	22.20	22.31	22.20		
20	64QAM	1	0	22.18	22.27	22.20		
20	64QAM	1	49	22.27	22.31	22.18	23.7	1.5
20	64QAM	1	99	22.33	22.40	22.33		
20	64QAM	50	0	21.27	21.37	21.30		
20	64QAM	50	24	21.13	21.24	21.13	22.7	2.5
20	64QAM	50	50	21.12	21.18	21.11		
20	64QAM	100	0	21.28	21.32	21.18		
20	256QAM	1	0	19.33	19.34	19.32		
20	256QAM	1	49	19.26	19.30	19.14	20.7	4.5
20	256QAM	1	99	19.12	19.23	19.10		
20	256QAM	50	0	19.17	19.27	19.17		
20	256QAM	50	24	19.09	19.18	19.08	20.7	4.5
20	256QAM	50	50	19.05	19.15	19.07		
20	256QAM	100	0	19.07	19.23	19.14		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	24.17	24.24	24.14		
15	QPSK	1	37	24.01	24.10	24.09	25.2	0
15	QPSK	1	74	23.95	24.08	23.99		
15	QPSK	36	0	22.93	23.07	23.00		
15	QPSK	36	20	22.95	23.00	22.87	24.7	0.5
15	QPSK	36	39	22.95	23.00	22.96		
15	QPSK	75	0	22.93	23.00	22.91		
15	16QAM	1	0	23.28	23.33	23.29		
15	16QAM	1	37	23.13	23.29	23.17	24.7	0.5
15	16QAM	1	74	23.22	23.33	23.13		
15	16QAM	36	0	22.04	22.13	22.04		
15	16QAM	36	20	22.13	22.26	22.06	23.7	1.5
15	16QAM	36	39	22.00	22.00	21.95		
15	16QAM	75	0	22.08	22.24	22.11		
15	64QAM	1	0	22.10	22.16	22.11		
15	64QAM	1	37	22.15	22.20	22.05	23.7	1.5
15	64QAM	1	74	22.21	22.28	22.22		
15	64QAM	36	0	21.19	21.28	21.21		
15	64QAM	36	20	21.04	21.12	21.05	22.7	2.5
15	64QAM	36	39	21.03	21.10	20.99		
15	64QAM	75	0	21.17	21.21	21.06		
15	256QAM	1	0	19.23	19.22	19.19		
15	256QAM	1	37	19.19	19.22	19.06	20.7	4.5
15	256QAM	1	74	19.05	19.14	19.01		
15	256QAM	36	0	19.08	19.18	19.08		
15	256QAM	36	20	19.00	19.10	18.98	20.7	4.5
15	256QAM	36	39	18.94	19.05	18.98		
15	256QAM	75	0	18.98	19.15	19.04		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	24.16	24.22	24.13		
10	QPSK	1	25	24.00	24.08	24.09	25.2	0
10	QPSK	1	49	23.96	24.06	23.97		
10	QPSK	25	0	22.95	23.07	23.02		
10	QPSK	25	12	22.91	22.95	22.83	24.7	0.5
10	QPSK	25	25	22.95	22.99	22.89		
10	QPSK	50	0	22.94	23.01	22.89		
10	16QAM	1	0	23.25	23.37	23.26		
10	16QAM	1	25	23.13	23.26	23.18	24.7	0.5
10	16QAM	1	49	23.21	23.31	23.15		
10	16QAM	25	0	22.06	22.14	22.03		
10	16QAM	25	12	22.12	22.24	22.07	23.7	1.5
10	16QAM	25	25	21.99	22.04	21.99		
10	16QAM	50	0	22.08	22.24	22.08		
10	64QAM	1	0	22.08	22.17	22.09		
10	64QAM	1	25	22.19	22.22	22.07	23.7	1.5
10	64QAM	1	49	22.24	22.29	22.25		
10	64QAM	25	0	21.20	21.27	21.22		
10	64QAM	25	12	21.02	21.12	21.05	22.7	2.5
10	64QAM	25	25	21.01	21.08	21.00		
10	64QAM	50	0	21.20	21.19	21.09		
10	256QAM	1	0	19.23	19.25	19.23		
10	256QAM	1	25	19.17	19.18	19.05	20.7	4.5
10	256QAM	1	49	19.00	19.13	19.00		
10	256QAM	25	0	19.07	19.17	19.06		
10	256QAM	25	12	18.96	19.09	19.00	20.7	4.5
10	256QAM	25	25	18.97	19.03	18.97		
10	256QAM	50	0	18.97	19.16	19.02		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	24.15	24.21	24.15		
5	QPSK	1	12	24.00	24.11	24.05	25.2	0
5	QPSK	1	24	23.94	24.08	23.99		
5	QPSK	12	0	22.93	23.07	22.97		
5	QPSK	12	7	22.92	22.99	22.87	24.7	0.5
5	QPSK	12	13	22.99	22.99	22.96		
5	QPSK	25	0	22.89	22.99	22.92		
5	16QAM	1	0	23.26	23.37	23.30		
5	16QAM	1	12	23.15	23.25	23.21	24.7	0.5
5	16QAM	1	24	23.22	23.35	23.17		
5	16QAM	12	0	22.04	22.12	22.06		
5	16QAM	12	7	22.13	22.26	22.08	23.7	1.5
5	16QAM	12	13	22.00	22.12	21.96		
5	16QAM	25	0	22.10	22.23	22.08		
5	64QAM	1	0	22.09	22.15	22.08		
5	64QAM	1	12	22.19	22.23	22.05	23.7	1.5
5	64QAM	1	24	22.23	22.27	22.22		
5	64QAM	12	0	21.15	21.26	21.19		
5	64QAM	12	7	21.05	21.15	21.01	22.7	2.5
5	64QAM	12	13	21.02	21.08	21.02		
5	64QAM	25	0	21.19	21.20	21.05		
5	256QAM	1	0	19.21	19.26	19.25		
5	256QAM	1	12	19.17	19.18	19.03	20.7	4.5
5	256QAM	1	24	19.01	19.13	18.98		
5	256QAM	12	0	19.09	19.18	19.07		
5	256QAM	12	7	19.00	19.10	18.97	20.7	4.5
5	256QAM	12	13	18.98	19.03	18.98		
5	256QAM	25	0	18.95	19.12	19.07		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	24.15	24.24	24.14		
3	QPSK	1	8	23.97	24.08	24.05	25.2	0
3	QPSK	1	14	23.96	24.05	23.96		
3	QPSK	8	0	22.91	23.04	23.01		
3	QPSK	8	4	22.90	22.99	22.88	24.7	0.5
3	QPSK	8	7	22.96	22.99	22.95		
3	QPSK	15	0	22.94	22.99	22.89		
3	16QAM	1	0	23.27	23.34	23.30		
3	16QAM	1	8	23.16	23.25	23.16	24.7	0.5
3	16QAM	1	14	23.22	23.30	23.17		
3	16QAM	8	0	22.05	22.15	22.03		
3	16QAM	8	4	22.11	22.25	22.11	23.7	1.5
3	16QAM	8	7	21.97	22.02	21.99		
3	16QAM	15	0	22.13	22.19	22.12		
3	64QAM	1	0	22.05	22.18	22.11		
3	64QAM	1	8	22.20	22.21	22.07	23.7	1.5
3	64QAM	1	14	22.25	22.30	22.22		
3	64QAM	8	0	21.17	21.29	21.18		
3	64QAM	8	4	21.05	21.14	21.04	22.7	2.5
3	64QAM	8	7	20.99	21.09	20.99		
3	64QAM	15	0	21.21	21.20	21.07		
3	256QAM	1	0	19.24	19.22	19.20		
3	256QAM	1	8	19.14	19.21	19.05	20.7	4.5
3	256QAM	1	14	19.05	19.16	18.98		
3	256QAM	8	0	19.07	19.16	19.09		
3	256QAM	8	4	19.01	19.07	18.97	20.7	4.5
3	256QAM	8	7	18.94	19.04	18.99		
3	256QAM	15	0	18.97	19.13	19.01		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	24.03	24.12	24.03		
1.4	QPSK	1	3	23.90	23.99	23.96		
1.4	QPSK	1	5	23.85	23.95	23.87	25.2	0
1.4	QPSK	3	0	24.06	24.12	24.02		
1.4	QPSK	3	1	23.86	23.98	23.94		
1.4	QPSK	3	3	23.85	23.94	23.87		
1.4	QPSK	6	0	23.68	23.72	23.61	24.7	0.5
1.4	16QAM	1	0	23.46	23.57	23.55		
1.4	16QAM	1	3	23.48	23.55	23.46		
1.4	16QAM	1	5	23.68	23.76	23.66	24.7	0.5
1.4	16QAM	3	0	23.63	23.75	23.64		
1.4	16QAM	3	1	23.46	23.56	23.53		
1.4	16QAM	3	3	23.44	23.56	23.47		
1.4	16QAM	6	0	22.66	22.77	22.65	23.7	1.5
1.4	64QAM	1	0	22.45	22.58	22.55		
1.4	64QAM	1	3	22.45	22.53	22.45		
1.4	64QAM	1	5	22.64	22.76	22.63	23.7	1.5
1.4	64QAM	3	0	22.68	22.74	22.66		
1.4	64QAM	3	1	22.48	22.58	22.53		
1.4	64QAM	3	3	22.47	22.53	22.48		
1.4	64QAM	6	0	21.64	21.72	21.64	22.7	2.5
1.4	256QAM	1	0	19.65	19.72	19.62		
1.4	256QAM	1	3	19.45	19.61	19.53		
1.4	256QAM	1	5	19.45	19.57	19.46	20.7	4.5
1.4	256QAM	3	0	19.67	19.72	19.61		
1.4	256QAM	3	1	19.44	19.58	19.54		
1.4	256QAM	3	3	19.47	19.52	19.46		
1.4	256QAM	6	0	19.65	19.73	19.64	20.7	4.5

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	24.63	24.78	24.72		
10	QPSK	1	25	24.60	24.77	24.66	25.7	0
10	QPSK	1	49	24.57	24.67	24.62		
10	QPSK	25	0	23.73	23.82	23.75		
10	QPSK	25	12	23.72	23.81	23.68	24.7	1
10	QPSK	25	25	23.72	23.77	23.74	

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BW [MHz]	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	20.47	20.64	20.57		
20	QPSK	1	49	20.42	20.52	20.49	21.5	0
20	QPSK	1	99	20.31	20.44	20.31		
20	QPSK	50	0	20.35	20.55	20.49		
20	QPSK	50	24	20.30	20.45	20.39	21.5	0
20	QPSK	50	50	20.19	20.36	20.22		
20	QPSK	100	0	20.36	20.51	20.48		
20	16QAM	1	0	20.33	20.39	20.38		
20	16QAM	1	49	20.20	20.32	20.22	21.5	0
20	16QAM	1	99	20.36	20.54	20.47		
20	16QAM	50	0	20.32	20.42	20.38		
20	16QAM	50	24	20.21	20.32	20.22	21.5	0
20	16QAM	50	50	20.40	20.54	20.48		
20	16QAM	100	0	20.35	20.43	20.38		
20	64QAM	1	0	20.19	20.31	20.19		
20	64QAM	1	49	20.38	20.57	20.44	21.5	0
20	64QAM	1	99	20.35	20.40	20.39		
20	64QAM	50	0	20.19	20.35	20.20		
20	64QAM	50	24	20.35	20.56	20.47	21.5	0
20	64QAM	50	50	20.33	20.45	20.41		
20	64QAM	100	0	20.23	20.32	20.19		
20	256QAM	1	0	19.34	19.55	19.45		
20	256QAM	1	49	19.30	19.39	19.41	20.5	1
20	256QAM	1	99	19.22	19.33	19.21		
20	256QAM	50	0	19.36	19.55	19.46		
20	256QAM	50	24	19.38	19.53	19.48	20.5	1
20	256QAM	50	50	19.32	19.43	19.42		
20	256QAM	100	0	19.19	19.36	19.22		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	20.28	20.47	20.34		
15	QPSK	1	37	20.23	20.30	20.30	21.5	0
15	QPSK	1	74	20.12	20.21	20.08		
15	QPSK	36	0	20.16	20.34	20.30		
15	QPSK	36	20	20.09	20.22	20.22	21.5	0
15	QPSK	36	39	19.99	20.15	20.00		
15	QPSK	75	0	20.16	20.29	20.27		
15	16QAM	1	0	20.15	20.20	20.16		
15	16QAM	1	37	20.02	20.12	20.00	21.5	0
15	16QAM	1	74	20.16	20.35	20.27		
15	16QAM	36	0	20.15	20.21	20.18		
15	16QAM	36	20	20.01	20.12	20.04	21.5	0
15	16QAM	36	39	20.19	20.36	20.26		
15	16QAM	75	0	20.16	20.25	20.19		
15	64QAM	1	0	20.00	20.14	19.97		
15	64QAM	1	37	20.21	20.37	20.25	21.5	0
15	64QAM	1	74	20.17	20.18	20.21		
15	64QAM	36	0	19.97	20.15	20.01		
15	64QAM	36	20	20.16	20.36	20.27	21.5	0
15	64QAM	36	39	20.13	20.22	20.19		
15	64QAM	75	0	20.03	20.11	19.98		
15	256QAM	1	0	19.15	19.35	19.22		
15	256QAM	1	37	19.10	19.21	19.19	20.5	1
15	256QAM	1	74	19.01	19.12	19.01		
15	256QAM	36	0	19.16	19.35	19.24		
15	256QAM	36	20	19.21	19.31	19.27	20.5	1
15	256QAM	36	39	19.10	19.26	19.22		
15	256QAM	75	0	18.97	19.18	19.05		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	20.27	20.42	20.36		
10	QPSK	1	25	20.24	20.31	20.29	21.5	0
10	QPSK	1	49	20.09	20.24	20.09		
10	QPSK	25	0	20.18	20.38	20.29		
10	QPSK	25	12	20.07	20.26	20.21	21.5	0
10	QPSK	25	25	19.97	20.13	20.03		
10	QPSK	50	0	20.16	20.29	20.28		
10	16QAM	1	0	20.12	20.18	20.16		
10	16QAM	1	25	19.98	20.12	19.99	21.5	0
10	16QAM	1	49	20.16	20.33	20.28		
10	16QAM	25	0	20.09	20.24	20.20		
10	16QAM	25	12	20.02	20.11	20.01	21.5	0
10	16QAM	25	25	20.23	20.34	20.27		
10	16QAM	50	0	20.13	20.22	20.18		
10	64QAM	1	0	20.02	20.11	19.97		
10	64QAM	1	25	20.17	20.35	20.27	21.5	0
10	64QAM	1	49	20.16	20.20	20.16		
10	64QAM	25	0	19.97	20.18	19.98		
10	64QAM	25	12	20.17	20.38	20.27	21.5	0
10	64QAM	25	25	20.13	20.23	20.24		
10	64QAM	50	0	20.08	20.15	19.99		
10	256QAM	1	0	19.16	19.32	19.22		
10	256QAM	1	25	19.10	19.19	19.21	20.5	1
10	256QAM	1	49	19.00	19.13	18.98		
10	256QAM	25	0	19.15	19.36	19.27		
10	256QAM	25	12	19.16	19.36	19.25	20.5	1
10	256QAM	25	25	19.14	19.22	19.20		
10	256QAM	50	0	18.96	19.17	19.00		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	20.25	20.46	20.37		
5	QPSK	1	12	20.24	20.30	20.32	21.5	0
5	QPSK	1	24	20.10	20.27	20.12		
5	QPSK	12	0	20.13	20.36	20.32		
5	QPSK	12	7	20.13	20.24	20.19	21.5	0
5	QPSK	12	13	20.02	20.16	20.04		
5	QPSK	25	0	20.13	20.29	20.27		
5	16QAM	1	0	20.15	20.19	20.20		
5	16QAM	1	12	19.99	20.10	20.04	21.5	0
5	16QAM	1	24	20.16	20.35	20.28		
5	16QAM	12	0	20.11	20.20	20.16		
5	16QAM	12	7	20.04	20.09	20.04	21.5	0
5	16QAM	12	13	20.20	20.34	20.28		
5	16QAM	25	0	20.13	20.22	20.18		
5	64QAM	1	0	20.01	20.12	19.99		
5	64QAM	1	12	20.16	20.36	20.24	21.5	0
5	64QAM	1	24	20.14	20.20	20.16		
5	64QAM	12	0	19.99	20.13	19.98		
5	64QAM	12	7	20.15	20.37	20.30	21.5	0
5	64QAM	12	13	20.15	20.28	20.20		
5	64QAM	25	0	20.03	20.14	20.00		
5	256QAM	1	0	19.16	19.35	19.24		
5	256QAM	1	12	19.09	19.19	19.20	20.5	1
5	256QAM	1	24	19.03	19.12	18.99		
5	256QAM	12	0	19.16	19.32	19.26		
5	256QAM	12	7	19.18	19.32	19.27	20.5	1
5	256QAM	12	13	19.11	19.24	19.22		
5	256QAM	25	0	18.99	19.19	19.01		

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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				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	24.30	24.35	24.26		
20	QPSK	1	49	24.13	24.24	24.22	25.2	0
20	QPSK	1	99	24.23	24.33	24.21		
20	QPSK	50	0	23.36	23.41	23.37		
20	QPSK	50	24	23.24	23.35	23.29	24.7	0.5
20	QPSK	50	50	23.12	23.22	23.19		
20	QPSK	100	0	23.27	23.34	23.19		
20	16QAM	1	0	23.49	23.45	23.40		
20	16QAM	1	49	23.32	23.42	23.35	24.7	0.5
20	16QAM	1	99	23.26	23.38	23.28		
20	16QAM	50	0	23.47	23.48	23.44		
20	16QAM	50	24	23.32	23.45	23.32	23.7	1.5
20	16QAM	50	50	23.27	23.36	23.23		
20	16QAM	100	0	23.45	23.48	23.40		
20	64QAM	1	0	23.31	23.46	23.30		
20	64QAM	1	49	23.28	23.37	23.29	23.7	1.5
20	64QAM	1	99	23.48	23.46	23.44		
20	64QAM	50	0	22.45	22.45	22.40		
20	64QAM	50	24	22.46	22.48	22.44	22.7	2.5
20	64QAM	50	50	22.35	22.44	22.33		
20	64QAM	100	0	22.27	22.40	22.27		
20	256QAM	1	0	20.43	20.48	20.41		
20	256QAM	1	49	20.32	20.43	20.31	20.7	4.5
20	256QAM	1	99	20.31	20.40	20.24		
20	256QAM	50	0	20.48	20.48	20.42		
20	256QAM	50	24	20.48	20.47	20.43	20.7	4.5
20	256QAM	50	50	20.32	20.43	20.31		
20	256QAM	100	0	20.25	20.39	20.28		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	24.20	24.27	24.15		
15	QPSK	1	37	24.03	24.15	24.13	25.2	0
15	QPSK	1	74	24.13	24.24	24.11		
15	QPSK	36	0	23.29	23.30	23.27		
15	QPSK	36	20	23.11	23.23	23.20	24.7	0.5
15	QPSK	36	39	23.00	23.13	23.10		
15	QPSK	75	0	23.14	23.23	23.07		
15	16QAM	1	0	23.40	23.34	23.31		
15	16QAM	1	37	23.24	23.30	23.25	24.7	0.5
15	16QAM	1	74	23.17	23.28	23.17		
15	16QAM	36	0	23.39	23.41	23.36		
15	16QAM	36	20	23.24	23.33	23.24	23.7	1.5
15	16QAM	36	39	23.15	23.24	23.13		
15	16QAM	75	0	23.35	23.39	23.29		
15	64QAM	1	0	23.23	23.37	23.21		
15	64QAM	1	37	23.19	23.28	23.17	23.7	1.5
15	64QAM	1	74	23.40	23.39	23.37		
15	64QAM	36	0	22.36	22.36	22.27		
15	64QAM	36	20	22.47	22.37	22.32	22.7	2.5
15	64QAM	36	39	22.26	22.34	22.21		
15	64QAM	75	0	22.14	22.28	22.15		
15	256QAM	1	0	20.32	20.39	20.30		
15	256QAM	1	37	20.20	20.31	20.18	20.7	4.5
15	256QAM	1	74	20.22	20.33	20.12		
15	256QAM	36	0	20.37	20.40	20.34		
15	256QAM	36	20	20.35	20.35	20.34	20.7	4.5
15	256QAM	36	39	20.21	20.32	20.22		
15	256QAM	75	0	20.15	20.28	20.17		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	24.18	24.23	24.17		
10	QPSK	1	25	24.02	24.17	24.14	25.2	0
10	QPSK	1	49	24.12	24.24	24.09		
10	QPSK	25	0	23.24	23.28	23.29		
10	QPSK	25	12	23.14	23.27	23.20	24.7	0.5
10	QPSK	25	25	23.04	23.14	23.09		
10	QPSK	50	0	23.19	23.22	23.12		
10	16QAM	1	0	23.39	23.34	23.30		
10	16QAM	1	25	23.20	23.35	23.23	24.7	0.5
10	16QAM	1	49	23.15	23.31	23.19		
10	16QAM	25	0	23.35	23.35	23.36		
10	16QAM	25	12	23.25	23.32	23.21	23.7	1.5
10	16QAM	25	25	23.20	23.25	23.15		
10	16QAM	50	0	23.33	23.35	23.32		
10	64QAM	1	0	23.21	23.37	23.22		
10	64QAM	1	25	23.17	23.28	23.17	23.7	1.5
10	64QAM	1	49	23.37	23.33	23.33		
10	64QAM	25	0	22.36	22.33	22.30		
10	64QAM	25	12	22.37	22.37	22.33	22.7	2.5
10	64QAM	25	25	22.23	22.35	22.23		
10	64QAM	50	0	22.20	22.27	22.19		
10	256QAM	1	0	20.35	20.40	20.33		
10	256QAM	1	25	20.22	20.34	20.23	20.7	4.5
10	256QAM	1	49	20.20	20.32	20.16		
10	256QAM	25	0	20.40	20.41	20.32		
10	256QAM	25	12	20.39	20.36	20.31	20.7	4.5
10	256QAM	25	25	20.23	20.30	20.20		
10	256QAM	50	0	20.15	20.28	20.18		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	24.18	24.27	24.15		
5	QPSK	1	12	24.03	24.13	24.13	25.2	0
5	QPSK	1	24	24.16	24.23	24.09		
5	QPSK	12	0	23.26	23.31	23.26		
5	QPSK	12	7	23.13	23.23	23.21	24.7	0.5
5	QPSK	12	13	23.02	23.09	23.07		
5	QPSK	25	0	23.14	23.23	23.08		
5	16QAM	1	0	23.39	23.37	23.29		
5	16QAM	1	12	23.21	23.34	23.24	24.7	0.5
5	16QAM	1	24	23.18	23.30	23.15		
5	16QAM	12	0	23.40	23.37	23.32		
5	16QAM	12	7	23.22	23.37	23.20	23.7	1.5
5	16QAM	12	13	23.15	23.27	23.12		
5	16QAM	25	0	23.35	23.40	23.29		
5	64QAM	1	0	23.18	23.39	23.19		
5	64QAM	1	12	23.16	23.29	23.16	23.7	1.5
5	64QAM	1	24	23.38	23.37	23.33		
5	64QAM	12	0	22.35	22.33	22.29		
5	64QAM	12	7	22.38	22.36	22.36	22.7	2.5
5	64QAM	12	13	22.28	22.37	22.22		
5	64QAM	25	0	22.16	22.32	22.18		
5	256QAM	1	0	20.32	20.39	20.30		
5	256QAM	1	12	20.23	20.31	20.22	20.7	4.5
5	256QAM	1	24	20.22	20.33	20.13		
5	256QAM	12	0	20.35	20.37	20.31		
5	256QAM	12	7	20.38	20.36	20.34	20.7	4.5
5	256QAM	12	13	20.25	20.36	20.22		
5	256QAM	25	0	20.17	20.28	20.15		
Channel				131942	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	24.21	24.24	24.18		
3	QPSK	1	8	24.05	24.13	24.09	25.2	0
3	QPSK	1	14	24.11	24.22	24.10		
3	QPSK	8	0	23.25	23.29	23.24		
3	QPSK	8	4	23.13	23.26	23.18	24.7	0.5
3	QPSK	8	7	23.05	23.11	23.08		
3	QPSK	15	0	23.19	23.26	23.09		
3	16QAM	1	0	23.36	23.37	23.33		
3	16QAM	1	8	23.22	23.30	23.27	24.7	0.5
3	16QAM	1	14	23.15	23.29	23.18		
3	16QAM	8	0	23.37	23.37	23.33		
3	16QAM	8	4	23.23	23.34	23.21	23.7	1.5
3	16QAM	8	7	23.17	23.28	23.14		
3	16QAM	15	0	23.36	23.36	23.33		
3	64QAM	1	0	23.21	23.37	23.22		
3	64QAM	1	8	23.17	23.29	23.17	23.7	1.5
3	64QAM	1	14	23.38	23.38	23.31		
3	64QAM	8	0	22.37	22.36	22.31		
3	64QAM	8	4	22.38	22.40	22.37	22.7	2.5
3	64QAM	8	7	22.28	22.37	22.22		
3	64QAM	15	0	22.19	22.32	22.17		
3	256QAM	1	0	20.33	20.35	20.31		
3	256QAM	1	8	20.24	20.31	20.22	20.7	4.5
3	256QAM	1	14	20.19	20.31	20.16		
3	256QAM	8	0	20.36	20.41	20.32		
3	256QAM	8	4	20.39	20.35	20.33	20.7	4.5
3	256QAM	8	7	20.20	20.35	20.20		
3	256QAM	15	0	20.14	20.29	20.17		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	24.19	24.26	24.14		
1.4	QPSK	1	3	24.01	24.11	24.13		
1.4	QPSK	1	5	24.15	24.24	24.10	25.2	0
1.4	QPSK	3	0	24.06	24.14	24.02		
1.4	QPSK	3	1	23.91	23.98	24.05		
1.4	QPSK	3	3	24.03	24.16	24.01		
1.4	QPSK	6	0	23.71	23.79	23.65	24.7	0.5
1.4	16QAM	1	0	23.53	23.61	23.62		
1.4	16QAM	1	3	23.64	23.75	23.57		
1.4	16QAM	1	5	23.69	23.75	23.64	24.7	0.5
1.4	16QAM	3	0	23.69	23.77	23.64		
1.4	16QAM	3	1	23.52	23.62	23.63		
1.4	16QAM	3	3	23.66	23.76	23.63		
1.4	16QAM	6	0	22.72	22.75	22.62	23.7	1.5
1.4	64QAM	1	0	22.54	22.61	22.64		
1.4	64QAM	1	3	22.63	22.75	22.61		
1.4	64QAM	1	5	22.71	22.73	22.64	23.7	1.5
1.4	64QAM	3	0	22.70	22.74	22.62		
1.4	64QAM	3	1	22.50	22.61	22.64		
1.4	64QAM	3	3	22.67	22.76	22.57		
1.4	64QAM	6	0	21.70	21.74	21.65	22.7	2.5
1.4	256QAM	1	0	19.72	19.74	19.67		
1.4	256QAM	1	3	19.52	19.64	19.64		
1.4	256QAM	1	5	19.63	19.76	19.62	20.7	4.5
1.4	256QAM	3	0	19.68	19.76	19.63		
1.4	256QAM	3	1	19.68	19.79	19.63		
1.4	256QAM	3	3	19.52	19.63	19.61		
1.4	256QAM	6	0	19.67	19.75	19.59	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				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	22.60	22.70	22.59		
20	QPSK	1	49	22.55	22.59	22.55	23	0
20	QPSK	1	99	22.50	22.54	22.48		
20	QPSK	50	0	22.47	22.63	22.49		
20	QPSK	50	24	22.46	22.51	22.43	23	0
20	QPSK	50	50	22.38	22.45	22.41		
20	QPSK	100	0	22.48	22.61	22.52		
20	16QAM	1	0	22.53	22.63	22.50		
20	16QAM	1	49	22.47	22.52	22.47	23	0
20	16QAM	1	99	22.40	22.44	22.41		
20	16QAM	50	0	22.51	22.58	22.50		
20	16QAM	50	24	22.44	22.46	22.45	23	0
20	16QAM	50	50	22.43	22.46	22.39		
20	16QAM	100	0	22.50	22.62	22.50		
20	64QAM	1	0	22.47	22.48	22.44		
20	64QAM	1	49	22.41	22.44	22.35	23	0
20	64QAM	1	99	22.47	22.60	22.51		
20	64QAM	50	0	21.51	21.58	21.52		
20	64QAM	50	24	21.48	21.59	21.48	22	1
20	64QAM	50	50	21.48	21.49	21.45		
20	64QAM	100	0	21.40	21.42	21.36		
20	256QAM	1	0	19.49	19.59	19.46		
20	256QAM	1	49	19.43	19.47	19.46	20	3
20	256QAM	1	99	19.38	19.46	19.37		
20	256QAM	50	0	19.48	19.59	19.49		
20	256QAM	50	24	19.48	19.63	19.52	20	3
20	256QAM	50	50	19.47	19.50	19.43		
20	256QAM	100	0	19.39	19.46	19.37		
Channel				37825	38000	38175	Tune-up limit	MPR
Frequency (MHz)				2577.5	2595	2612.5	(dBm)	(dB)
15	QPSK	1	0	22.48	22.59	22.51		
15	QPSK	1	37	22.46	22.50	22.45	23	0
15	QPSK	1	74	22.40	22.44	22.36		
15	QPSK	36	0	22.35	22.51	22.40		
15	QPSK	36	20	22.37	22.42	22.31	23	0
15	QPSK	36	39	22.25	22.33	22.30		
15	QPSK	75	0	22.38	22.48	22.43		
15	16QAM	1	0	22.41	22.54	22.42		
15	16QAM	1	37	22.36	22.39	22.38	23	0
15	16QAM	1	74	22.33	22.32	22.31		
15	16QAM	36	0	22.41	22.45	22.43		
15	16QAM	36	20	22.33	22.35	22.37	23	0
15	16QAM	36	39	22.36	22.38	22.27		
15	16QAM	75	0	22.40	22.51	22.42		
15	64QAM	1	0	22.34	22.37	22.32		
15	64QAM	1	37	22.29	22.33	22.25	23	0
15	64QAM	1	74	22.37	22.51	22.41		
15	64QAM	36	0	21.44	21.49	21.44		
15	64QAM	36	20	21.37	21.48	21.40	22	1
15	64QAM	36	39	21.38	21.37	21.34		
15	64QAM	75	0	21.29	21.33	21.25		
15	256QAM	1	0	19.38	19.49	19.35		
15	256QAM	1	37	19.36	19.34	19.37	20	3
15	256QAM	1	74	19.28	19.38	19.29		
15	256QAM	36	0	19.35	19.50	19.42		
15	256QAM	36	20	19.38	19.52	19.40	20	3
15	256QAM	36	39	19.37	19.43	19.36		
15	256QAM	75	0	19.31	19.39	19.29		
Channel				37600	38000	38200	Tune-up limit	MPR
Frequency (MHz)				2575	2595	2615	(dBm)	(dB)
10	QPSK	1	0	22.50	22.62	22.51		
10	QPSK	1	25	22.43	22.49	22.43	23	0
10	QPSK	1	49	22.40	22.43	22.38		
10	QPSK	25	0	22.35	22.53	22.38		
10	QPSK	25	12	22.38	22.40	22.32	23	0
10	QPSK	25	25	22.29	22.35	22.33		
10	QPSK	50	0	22.41	22.54	22.43		
10	16QAM	1	0	22.44	22.51	22.40		
10	16QAM	1	25	22.38	22.43	22.36	23	0
10	16QAM	1	49	22.32	22.35	22.30		
10	16QAM	25	0	22.39	22.50	22.41		
10	16QAM	25	12	22.35	22.35	22.38	23	0
10	16QAM	25	25	22.35	22.38	22.31		
10	16QAM	50	0	22.42	22.52	22.41		
10	64QAM	1	0	22.38	22.36	22.33		
10	64QAM	1	25	22.32	22.33	22.27	23	0
10	64QAM	1	49	22.36	22.47	22.39		
10	64QAM	25	0	21.39	21.45	21.41		
10	64QAM	25	12	21.41	21.50	21.37	22	1
10	64QAM	25	25	21.37	21.38	21.36		
10	64QAM	50	0	21.28	21.33	21.24		
10	256QAM	1	0	19.40	19.47	19.35		
10	256QAM	1	25	19.31	19.40	19.35	20	3
10	256QAM	1	49	19.27	19.33	19.27		
10	256QAM	25	0	19.41	19.50	19.39		
10	256QAM	25	12	19.37	19.54	19.41	20	3
10	256QAM	25	25	19.35	19.39	19.35		
10	256QAM	50	0	19.27	19.38	19.25		
Channel				37775	38000	38225	Tune-up limit	MPR
Frequency (MHz)				2572.5	2595	2617.5	(dBm)	(dB)
5	QPSK	1	0	22.51	22.61	22.50		
5	QPSK	1	12	22.43	22.50	22.48	23	0
5	QPSK	1	24	22.42	22.45	22.39		
5	QPSK	12	0	22.36	22.52	22.40		
5	QPSK	12	7	22.33	22.40	22.34	23	0
5	QPSK	12	13	22.30	22.37	22.31		
5	QPSK	25	0	22.37	22.51	22.42		
5	16QAM	1	0	22.44	22.56	22.43		
5	16QAM	1	12	22.39	22.44	22.38	23	0
5	16QAM	1	24	22.30	22.35	22.29		
5	16QAM	12	0	22.44	22.49	22.41		
5	16QAM	12	7	22.33	22.34	22.35	23	0
5	16QAM	12	13	22.33	22.39	22.26		
5	16QAM	25	0	22.42	22.51	22.41		
5	64QAM	1	0	22.36	22.39	22.36		
5	64QAM	1	12	22.32	22.35	22.24	23	0
5	64QAM	1	24	22.37	22.48	22.42		
5	64QAM	12	0	21.41	21.47	21.42		
5	64QAM	12	7	21.40	21.47	21.35	22	1
5	64QAM	12	13	21.35	21.39	21.32		
5	64QAM	25	0	21.32	21.29	21.28		
5	256QAM	1	0	19.37	19.48	19.34		
5	256QAM	1	12	19.30	19.40	19.39	20	3
5	256QAM	1	24	19.29	19.37	19.29		
5	256QAM	12	0	19.40	19.51	19.36		
5	256QAM	12	7	19.39	19.52	19.44	20	3
5	256QAM	12	13	19.37	19.42	19.34		
5	256QAM	25	0	19.29	19.36	19.25		

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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	22.63	22.57	22.71	22.63	22.55		
20	QPSK	1	49	22.47	22.40	22.54	22.42	22.45	23.2	0
20	QPSK	1	99	22.39	22.34	22.48	22.37	22.43		
20	QPSK	50	0	22.55	22.60	22.67	22.56	22.59		
20	QPSK	50	24	22.32	22.24	22.50	22.32	22.40	23.2	0
20	QPSK	50	50	22.28	22.24	22.32	22.23	22.31		
20	QPSK	100	0	22.57	22.49	22.61	22.52	22.54		
20	16QAM	1	0	22.51	22.30	22.59	22.38	22.43		
20	16QAM	1	49	22.32	22.30	22.45	22.37	22.41	23.2	0
20	16QAM	1	99	22.29	22.26	22.38	22.28	22.41		
20	16QAM	50	0	22.45	22.38	22.62	22.39	22.50		
20	16QAM	50	24	22.44	22.28	22.39	22.37	22.37	23.2	0
20	16QAM	50	50	22.36	22.28	22.30	22.27	22.26		
20	16QAM	100	0	22.46	22.41	22.66	22.32	22.43		
20	64QAM	1	0	22.47	22.38	22.65	22.32	22.46		
20	64QAM	1	49	22.42	22.29	22.50	22.29	22.38	23.2	0
20	64QAM	1	99	22.26	22.17	22.38	22.34	22.28		
20	64QAM	50	0	21.52	21.30	21.57	21.27	21.42		
20	64QAM	50	24	21.50	21.41	21.66	21.39	21.41	22.2	1
20	64QAM	50	50	21.39	21.27	21.37	21.27	21.32		
20	64QAM	100	0	21.22	21.29	21.32	21.31	21.31		
20	256QAM	1	0	19.51	19.44	19.55	19.31	19.39		
20	256QAM	1	49	19.35	19.31	19.43	19.37	19.28	20.2	3
20	256QAM	1	99	19.27	19.30	19.30	19.25	19.33		
20	256QAM	50	0	19.46	19.44	19.66	19.38	19.39		
20	256QAM	50	24	19.46	19.39	19.68	19.32	19.43	20.2	3
20	256QAM	50	50	19.41	19.27	19.48	19.29	19.29		
20	256QAM	100	0	19.22	19.28	19.46	19.35	19.38		
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	22.50	22.34	22.58	22.32	22.48		
15	QPSK	1	37	22.42	22.39	22.42	22.37	22.34	23	0
15	QPSK	1	74	22.32	22.36	22.34	22.24	22.38		
15	QPSK	36	0	22.48	22.34	22.49	22.22	22.41		
15	QPSK	36	20	22.29	22.11	22.48	22.29	22.37	23.2	0
15	QPSK	36	39	22.24	22.12	22.21	22.24	22.27		
15	QPSK	75	0	22.35	22.28	22.49	22.15	22.43		
15	16QAM	1	0	22.44	22.25	22.47	22.26	22.42		
15	16QAM	1	37	22.22	22.28	22.45	22.26	22.28	23.2	0
15	16QAM	1	74	22.16	22.27	22.32	22.23	22.30		
15	16QAM	36	0	22.40	22.24	22.57	22.34	22.40		
15	16QAM	36	20	22.38	22.26	22.29	22.36	22.36	23.2	0
15	16QAM	36	39	22.25	22.17	22.23	22.27	22.12		
15	16QAM	75	0	22.42	22.39	22.52	22.23	22.36		
15	64QAM	1	0	22.44	22.26	22.58	22.30	22.39		
15	64QAM	1	37	22.32	22.17	22.43	22.20	22.28	23.2	0
15	64QAM	1	74	22.28	22.18	22.39	22.36	22.23		
15	64QAM	36	0	21.38	21.18	21.49	21.25	21.37		
15	64QAM	36	20	21.37	21.28	21.54	21.37	21.37	22.2	1
15	64QAM	36	39	21.37	21.19	21.38	21.26	21.21		
15	64QAM	75	0	21.12	21.22	21.19	21.31	21.26		
15	256QAM	1	0	19.43	19.36	19.49	19.23	19.36		
15	256QAM	1	37	19.23	19.29	19.38	19.37	19.29	20.2	3
15	256QAM	1	74	19.24	19.18	19.28	19.23	19.26		
15	256QAM	36	0	19.33	19.41	19.59	19.32	19.36		
15	256QAM	36	20	19.42	19.25	19.59	19.29	19.42	20.2	3
15	256QAM	36	39	19.36	19.26	19.41	19.20	19.28		
15	256QAM	75	0	19.15	19.14	19.38	19.25	19.34		
Channel				39700	40160	40620	41080	41540	Tune-up limit	MPR
Frequency (MHz)				2501	2547	2593	2639	2685	(dBm)	(dB)
10	QPSK	1	0	22.54	22.37	22.65	22.33	22.55		
10	QPSK	1	25	22.44	22.32	22.44	22.39	22.46	23.20	0
10	QPSK	1	49	22.26	22.35	22.49	22.36	22.36		
10	QPSK	25	0	22.44	22.40	22.51	22.27	22.37		
10	QPSK	25	12	22.24	22.23	22.40	22.26	22.38	23.2	0
10	QPSK	25	25	22.30	22.22	22.32	22.09	22.28		
10	QPSK	50	0	22.41	22.21	22.60	22.17	22.29		
10	16QAM	1	0	22.43	22.21	22.47	22.24	22.37		
10	16QAM	1	25	22.24	22.27	22.47	22.26	22.41	23.2	0
10	16QAM	1	49	22.29	22.25	22.33	22.27	22.33		
10	16QAM	25	0	22.34	22.25	22.51	22.29	22.49		
10	16QAM	25	12	22.45	22.19	22.29	22.29	22.24	23.2	0
10	16QAM	25	25	22.25	22.18	22.30	22.27	22.13		
10	16QAM	50	0	22.47	22.28	22.64	22.20	22.32		
10	64QAM	1	0	22.44	22.33	22.59	22.23	22.41		
10	64QAM	1	25	22.34	22.29	22.47	22.17	22.30	23.2	0
10	64QAM	1	49	22.17	22.11	22.35	22.30	22.27		
10	64QAM	25	0	21.42	21.20	21.52	21.20	21.36		
10	64QAM	25	12	21.50	21.31	21.65	21.40	21.30	22.2	1
10	64QAM	25	25	21.36	21.22	21.37	21.21	21.30		
10	64QAM	50	0	21.12	21.24	21.34	21.18	21.30		
10	256QAM	1	0	19.51	19.41	19.50	19.27	19.31		
10	256QAM	1	25	19.36	19.25	19.38	19.27	19.28	20.2	3
10	256QAM	1	49	19.19	19.21	19.25	19.12	19.27		
10	256QAM	25	0	19.38	19.30	19.65	19.32	19.40		
10	256QAM	25	12	19.32	19.37	19.56	19.27	19.37	20.2	3
10	256QAM	25	25	19.38	19.24	19.41	19.29	19.18		
10	256QAM	50	0	19.21	19.25	19.47	19.30	19.34		
Channel				39675	40148	40620	41093	41565	Tune-up limit	MPR
Frequency (MHz)				2498.5	2546.8	2593	2640.30	2687.5	(dBm)	(dB)
5	QPSK	1	0	22.36	22.30	22.52	22.22	22.36		
5	QPSK	1	12	22.26	22.15	22.27	22.25	22.21	23.20	0
5	QPSK	1	24	22.23	22.11	22.31	22.23	22.20		
5	QPSK	12	0	22.42	22.14	22.43	21.99	22.23		
5	QPSK	12	7	22.04	21.99	22.24	22.05	22.16	23.2	0
5	QPSK	12	13	22.12	22.11	22.16	21.97	22.14		
5	QPSK	25	0	22.21	22.09	22.42	22.03	22.14		
5	16QAM	1	0	22.25	22.03	22.45	22.17	22.25		
5	16QAM	1	12	22.08	22.01	22.26	22.10	22.17	23.2	0
5	16QAM	1	24	22.08	22.06	22.14	22.02	22.18		
5	16QAM	12	0	22.17	22.17	22.45	22.19	22.35		
5	16QAM	12	7	22.21	22.12	22.22	22.08	22.19	23.2	0
5	16QAM	12	13	22.22	22.07	22.10	22.04	21.99		
5	16QAM	25	0	22.26	22.22	22.47	22.15	22.29		
5	64QAM	1	0	22.20	22.18	22.44	22.03	22.31		
5	64QAM	1	12	22.00	22.13	22.37	22.14	22.21	23.2	0
5	64QAM	1	24	22.01	22.01	22.14	22.11	22.08		
5	64QAM	12	0	21.33	21.11	21.42	20.99	21.22		
5	64QAM	12	7	21.21	21.28	21.42	21.24	21.24	22.2	1
5	64QAM	12	13	21.18	21.11	21.10	21.14	21.18		
5	64QAM	25	0	20.95	21.04	21.04	21.09	21.10		
5	256QAM	1	0	19.30	19.21	19.41	19.16	19.18		
5	256QAM	1	12	19.09	19.08	19.18	19.16	19.14	20.2	3
5	256QAM	1	24	19.08	19.13	19.16	18.97	19.16		
5	256QAM	12	0	19.28	19.19	19.47	19.16	19.14		
5	256QAM	12	7	19.33	19.10	19.49	19.11	19.16	20.2	3
5	256QAM	12	13	19.26	19.03	19.30	19.16	19.12		
5	256QAM	25	0	18.98	18.99	19.30	19.16	19.14		

GSM1900 Ant2 Default

GSM1900	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	30.33	30.39	30.29	31.00	21.33	21.39	21.29	22.00
GPRS 1 Tx slot	30.27	30.35	30.25	31.00	21.27	21.35	21.25	22.00
GPRS 2 Tx slots	26.90	27.02	26.86	28.00	20.90	21.02	20.86	22.00
GPRS 3 Tx slots	25.60	25.69	25.51	26.20	21.34	21.43	21.25	21.94
GPRS 4 Tx slots	24.48	24.58	24.32	25.00	21.48	21.58	21.32	22.00
EDGE 1 Tx slot	25.58	25.77	25.63	26.50	16.58	16.77	16.63	17.50
EDGE 2 Tx slots	22.38	22.47	22.33	23.50	16.38	16.47	16.33	17.50
EDGE 3 Tx slots	20.53	20.78	20.60	21.70	16.27	16.52	16.34	17.44
EDGE 4 Tx slots	18.56	18.61	18.58	20.50	15.56	15.61	15.58	17.50

WCDMA II Ant2 DSI3

WCDMA IV Ant2 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	1732.8	1752.8	
3GPP Rel 99	AMR 12.2Kbps	22.55	22.73	22.67	23.50	22.21	22.26	22.23	23.00
3GPP Rel 99	RMC 12.2Kbps	22.67	22.82	22.69	23.50	22.24	22.33	22.28	23.00
3GPP Rel 6	HSDPA Subtest-1	21.44	21.63	21.52	22.50	21.17	21.26	21.28	22.00
3GPP Rel 6	HSDPA Subtest-2	21.39	21.65	21.61	22.50	21.24	21.35	21.31	22.00
3GPP Rel 6	HSDPA Subtest-3	20.97	21.02	21.15	22.00	20.65	20.80	20.79	21.50
3GPP Rel 6	HSDPA Subtest-4	21.04	21.00	21.12	22.00	20.71	20.86	20.84	21.50
3GPP Rel 8	DC-HSDPA Subtest-1	21.33	21.49	21.54	22.50	21.06	21.14	21.17	22.00
3GPP Rel 8	DC-HSDPA Subtest-2	21.35	21.50	21.70	22.50	21.18	21.30	21.26	22.00
3GPP Rel 8	DC-HSDPA Subtest-3	20.95	21.13	21.09	22.00	20.53	20.71	20.74	21.50
3GPP Rel 8	DC-HSDPA Subtest-4	20.90	20.96	21.08	22.00	20.62	20.73	20.72	21.50
3GPP Rel 6	HSUPA Subtest-1	21.48	21.47	21.58	22.50	20.87	20.93	20.97	22.00
3GPP Rel 6	HSUPA Subtest-2	19.62	19.58	19.60	20.50	18.82	18.96	19.01	20.00
3GPP Rel 6	HSUPA Subtest-3	20.36	20.61	20.72	21.50	19.93	19.84	19.91	21.00
3GPP Rel 6	HSUPA Subtest-4	19.35	19.56	19.78	20.50	18.91	18.93	19.12	20.00
3GPP Rel 6	HSUPA Subtest-5	21.44	21.57	21.54	22.50	21.05	21.01	20.88	22.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	18.93	19.08	19.06	20.00	18.39	18.53	18.45	19.50

Band 2 Ant2 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	23.49	23.57	23.55	24.2	0
20	QPSK	1	49	23.33	23.28	23.29		
20	QPSK	1	99	23.03	23.25	23.26		
20	QPSK	50	0	23.11	23.47	23.33		
20	QPSK	50	24	23.30	23.16	23.21	24.2	0
20	QPSK	50	50	23.06	23.09	23.23		
20	QPSK	100	0	23.22	23.42	22.91		
20	16QAM	1	0	23.19	23.19	23.11		
20	16QAM	1	49	23.19	23.15	23.10	24.2	0
20	16QAM	1	99	23.19	23.40	23.33		
20	16QAM	50	0	22.93	22.91	22.84		
20	16QAM	50	24	22.88	22.80	22.84	23.2	1
20	16QAM	50	50	22.81	23.17	23.09		
20	16QAM	100	0	22.85	22.84	22.85		
20	64QAM	1	0	22.92	22.89	23.02	23.2	1
20	64QAM	1	49	22.92	22.89	23.02		
20	64QAM	1	99	22.95	22.81	22.89		
20	64QAM	50	0	21.93	22.15	22.10		
20	64QAM	50	24	21.81	22.15	22.11	22.2	2
20	64QAM	50	50	21.91	21.85	21.89		
20	64QAM	100	0	21.75	21.89	21.91		
20	256QAM	1	0	19.93	20.15	20.02		
20	256QAM	1	49	19.86	19.84	19.85	20.2	4
20	256QAM	1	99	19.84	19.87	19.83		
20	256QAM	50	0	19.86	20.19	19.99		
20	256QAM	50	24	19.92	20.14	20.04	20.2	4
20	256QAM	50	50	19.91	19.88	19.95		
20	256QAM	100	0	19.81	19.77	19.77		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	23.17	23.45	23.43	24.2	0
15	QPSK	1	37	23.00	23.22	23.17		
15	QPSK	1	74	23.17	23.22	23.16		
15	QPSK	36	0	22.97	23.32	23.16		
15	QPSK	36	20	23.22	23.00	23.18	24.2	0
15	QPSK	36	39	22.93	23.02	23.16		
15	QPSK	75	0	23.12	23.39	23.24		
15	16QAM	1	0	23.16	23.07	22.98		
15	16QAM	1	37	23.09	23.09	23.04	24.2	0
15	16QAM	1	74	23.13	23.36	23.22		
15	16QAM	36	0	22.78	22.80	22.74		
15	16QAM	36	20	22.80	22.73	22.73	23.2	1
15	16QAM	36	39	22.65	23.11	23.02		
15	16QAM	75	0	22.81	22.67	22.72		
15	64QAM	1	0	22.61	22.79	22.74		
15	64QAM	1	37	22.75	22.71	22.92	23.2	1
15	64QAM	1	74	22.78	22.76	22.75		
15	64QAM	36	0	21.78	22.12	22.03		
15	64QAM	36	20	22.76	22.01	22.04	22.2	2
15	64QAM	36	39	21.88	21.80	21.79		
15	64QAM	75	0	21.66	21.74	21.83		
15	256QAM	1	0	19.78	19.99	19.85		
15	256QAM	1	37	19.82	19.74	19.74	20.2	4
15	256QAM	1	74	19.76	19.71	19.73		
15	256QAM	36	0	19.76	20.17	19.92		
15	256QAM	36	20	19.82	20.10	19.97	20.2	4
15	256QAM	36	39	19.79	19.82	19.84		
15	256QAM	75	0	19.66	19.66	19.71		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	23.23	23.40	23.40	24.2	0
10	QPSK	1	25	23.25	23.11	23.12		
10	QPSK	1	49	23.12	23.11	23.19		
10	QPSK	25	0	22.98	23.31	23.20		
10	QPSK	25	12	23.27	23.11	23.05	24.2	0
10	QPSK	25	25	23.02	23.03	23.15		
10	QPSK	50	0	23.20	23.34	23.29		
10	16QAM	1	0	23.12	23.13	23.09		
10	16QAM	1	25	23.14	23.04	22.98	24.2	0
10	16QAM	1	49	23.17	23.13	23.27		
10	16QAM	25	0	22.71	22.73	22.67		
10	16QAM	25	12	22.77	22.65	22.70	23.2	1
10	16QAM	25	25	22.63	22.61	23.05		
10	16QAM	50	0	22.77	22.73	22.80		
10	64QAM	1	0	22.67	22.70	22.76		
10	64QAM	1	25	22.89	22.88	22.93	23.2	1
10	64QAM	1	49	22.83	22.70	22.75		
10	64QAM	25	0	22.66	22.03	22.01		
10	64QAM	25	12	21.64	22.03	22.06	22.2	2
10	64QAM	25	25	21.81	21.82	21.78		
10	64QAM	50	0	21.72	21.77	21.76		
10	256QAM	1	0	19.83	20.08	19.91		
10	256QAM	1	25	19.80	19.74	19.83	20.2	4
10	256QAM	1	49	19.76	19.72	19.70		
10	256QAM	25	0	19.84	20.14	19.96		
10	256QAM	25	12	19.77	19.97	20.00	20.2	4
10	256QAM	25	25	19.75	19.83	19.85		
10	256QAM	50	0	19.69	19.60	19.64		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	23.22	23.46	23.39	24.2	0
5	QPSK	1	12	23.20	23.24	23.18		
5	QPSK	1	24	23.14	23.20	23.16		
5	QPSK	12	0	22.97	23.29	23.22		
5	QPSK	12	7	23.14	23.13	23.17	24.2	0
5	QPSK	12	13	22.90	23.03	23.18		
5	QPSK	25	0	23.15	23.24	23.35		
5	16QAM	1	0	23.07	23.03	23.01		
5	16QAM	1	12	23.16	23.04	22.97	24.2	0
5	16QAM	1	24	23.17	23.34	23.16		
5	16QAM	12	0	22.84	22.76	22.79		
5	16QAM	12	7	22.74	22.65	22.78	23.2	1
5	16QAM	12	13	22.62	23.13	23.03		
5	16QAM	25	0	22.77	22.77	22.82		
5	64QAM	1	0	22.67	22.71	22.71		
5	64QAM	1	12	22.77	22.81	22.84	23.2	1
5	64QAM	1	24	22.79	22.83	22.78		
5	64QAM	12	0	21.85	21.99	22.06		
5	64QAM	12	7	21.74	22.07	21.95	22.2	2
5	64QAM	12	13	21.81	21.77	21.87		
5	64QAM	25	0	21.69	21.77	21.86		
5	256QAM	1	0	19.88	20.03	19.96		
5	256QAM	1	12	19.76	19.69	19.73	20.2	4
5	256QAM	1	24	19.71	19.81	19.86		
5	256QAM	12	0	19.84	19.84	19.84		
5	256QAM	12	7	19.74	19.99	20.00	20.2	4
5	256QAM	12	13	19.83	19.84	19.91		
5	256QAM	25	0	19.75	19.71	19.69		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	23.17	23.52	23.44	24.2	0
3	QPSK	1	8	23.25	23.24	23.14		
3	QPSK	1	14	23.19	23.12	23.22		
3	QPSK	8	0	23.02	23.37	23.16		
3	QPSK	8	4	23.21	23.03	23.12	24.2	0
3	QPSK	8	7	22.91	22.95	23.20		
3	QPSK	15	0	23.21	23.28	23.27		
3	16QAM	1	0	23.11	23.15	23.00		
3	16QAM	1	8	23.15	23.10	23.02	24.2	0
3	16QAM	1	14	23.14	23.24	23.31		
3	16QAM	8	0	22.86	22.88	22.76		
3	16QAM	8	4	22.72	22.83	22.79	23.2	1
3	16QAM	8	7	22.78	23.13	22.95		
3	16QAM	15	0	22.73	22.70	22.71		
3	64QAM	1	0	22.57	22.76	22.73		
3	64QAM	1	8	22.87	23.05	22.96	23.2	1
3	64QAM	1	14	22.88	22.74	22.86		
3	64QAM	8	0	21.80	22.04	21.93		
3	64QAM	8	4	21.65	22.06	21.99	22.2	2
3	64QAM	8	7	21.76	21.74	21.86		
3	64QAM	15	0	21.68	21.85	21.82		
3	256QAM	1	0	19.81	20.02	19.99		
3	256QAM	1	8	19.72	19.79	19.78	20.2	4
3	256QAM	1	14	19.81	19.70	19.72		
3	256QAM	8	0	19.79	20.07	19.96		
3	256QAM	8	4	19.89	19.97	19.89	20.2	4
3	256QAM	8	7	19.88	19.79	19.91		
3	256QAM	15	0	19.68	19.64	19.64		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	23.17	23.48	23.44	24.2	0
1.4	QPSK	1	3	23.18	23.22	23.18		
1.4	QPSK	1	5	23.06	23.12	23.19		
1.4	QPSK	3	0	23.03	23.13	23.20		
1.4	QPSK	3	1	23.22	23.07	23.15		
1.4	QPSK	3	3	22.89	22.96	23.16		
1.4	QPSK	6	0	23.13	23.33	23.27	24.2	0
1.4	16QAM	1	0	23.07	23.04	22.96		
1.4	16QAM	1	3	23.13	23.10	22.93		
1.4	16QAM	1	5	23.12	23.37	23.16	24.2	0
1.4	16QAM	3	0	23.13	23.12	23.04		
1.4	16QAM	3	1	23.07	23.04	23.06		
1.4	16QAM	3	3	23.03	23.32	23.36		
1.4	16QAM	6	0	22.75	22.75	22.80	23.2	1
1.4	64QAM	1	0	22.66	22.66	22.73		
1.4	64QAM	1	3	22.88	23.11	22.96		
1.4	64QAM	1	5	22.89	22.69	22.83	23.2	1
1.4	64QAM	3	0	21.90	22.02	21.97		
1.4	64QAM	3	1	21.65	22.07	22.07		
1.4	64QAM	3	3	21.79	21.82	21.78		
1.4	64QAM	6	0	21.58	21.80	21.77	22.2	2
1.4	256QAM	1	0	19.84	20.13	20.00		
1.4	256QAM	1	3	19.73	19.77	19.78		
1.4	256QAM	1	5	19.76	19.84	19.81	20.2	4
1.4	256QAM	3	0	19.77	20.04	19.91		
1.4	256QAM	3	1	19.82	19.99	19.87		
1.4	256QAM	3	3	19.84	19.85	19.78		
1.4	256QAM	6	0	19.72	19.66	19.68	20.2	4

Band 4 Ant2 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	23.00	23.10	22.98	23.7	0
20	QPSK	1	49	22.91	23.06	22.92		
20	QPSK	1	99	22.91	23.07	22.87		
20	QPSK	50	0	22.86	23.04	22.89		
20	QPSK	50	24	22.94	22.98	22.90	23.7	0
20	QPSK	50	50	22.91	23.00	22.93		
20	QPSK	100	0	22.97	23.01	22.90		
20	16QAM	1	0	22.85	23.02	22.90		
20	16QAM	1	49	22.87	22.98	22.88	23.7	0
20	16QAM	1	99	22.92	23.01	22.87		
20	16QAM	50	0	22.91	23.07	22.85		
20	16QAM	50	24	22.92	23.04	22.89	23.7	0
20	16QAM	50	50	22.89	23.04	22.83		
20	16QAM	100	0	22.92	22.99	22.88		
20	64QAM	1	0	22.82	22.91	22.85	23.7	0
20	64QAM	1	49	22.81	22.91	22.85		
20	64QAM	1	99	22.76	22.94	22.82		
20	64QAM	50	0	22.00	22.12	21.98		
20	64QAM	50	24	21.92	22.03	21.88	22.7	1
20	64QAM	50	50	21.86	22.04	21.85		
20	64QAM	100	0	21.90	22.01	21.87		
20	256QAM	1	0	19.99	20.16	19.98		
20	256QAM	1	49	19.90	20.07	19.91	20.7	3
20	256QAM	1	99	19.84	20.07	19.88		
20	256QAM	50	0	20.05	20.15	19.99		
20	256QAM	50	24	19.95	20.09	19.97	20.7	3
20	256QAM	50	50	19.93	20.04	19.91		
20	256QAM	100	0	19.86	19.97	19.85		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.87	23.01	22.88	23.7	0
15	QPSK	1	37	22.85	23.03	22.85		
15	QPSK	1	74	22.79	23.02	22.81		
15	QPSK	36	0	22.76	22.91	22.78		
15	QPSK	36	20	22.88	22.94	22.85	23.7	0
15	QPSK	36	39	22.85	22.97	22.80		
15	QPSK	75	0	22.80	22.91	22.82		
15	16QAM	1	0	22.72	22.93	22.80		
15	16QAM	1	37	22.78	22.83	22.79	23.7	0
15	16QAM	1	74	22.73	22.90	22.73		
15	16QAM	36	0	22.84	22.96	22.71		
15	16QAM	36	20	22.77	22.97	22.79	23.7	0
15	16QAM	36	39	22.82	22.97	22.73		
15	16QAM	75	0	22.67	22.82	22.77		
15	64QAM	1	0	22.81	22.95	22.72		
15	64QAM	1	37	22.67	22.80	22.80	23.7	0
15	64QAM	1	74	22.61	22.84	22.76		
15	64QAM	36	0	21.89	22.04	21.93		
15	64QAM	36	20	22.04	22.01	21.74	23.7	1
15	64QAM	36	39	21.79	21.94	21.73		
15	64QAM	75	0	21.78	21.92	21.78		
15	256QAM	1	0	19.84	20.06	19.89		
15	256QAM	1	37	19.80	19.94	19.82	20.7	3
15	256QAM	1	74	19.75	19.95	19.78		
15	256QAM	36	0	19.99	20.10	19.85		
15	256QAM	36	20	19.88	20.00	19.83	20.7	3
15	256QAM	36	39	19.71	19.93	19.80		
15	256QAM	75	0	19.77	19.91	19.72		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	23.23	22.92	22.92	23.7	0
10	QPSK	1	25	22.79	22.93	22.87		
10	QPSK	1	49	22.80	23.00	22.73		
10	QPSK	25	0	22.74	22.88	22.78		
10	QPSK	25	12	22.88	22.90	22.81	23.7	0
10	QPSK	25	25	22.81	22.91	22.81		
10	QPSK	50	0	22.74	22.91	22.84		
10	16QAM	1	0	22.74	22.95	22.83		
10	16QAM	1	25	22.76	22.86	22.81	23.7	0
10	16QAM	1	49	22.81	22.96	22.77		
10	16QAM	25	0	22.78	22.90	22.76		
10	16QAM	25	12	22.85	22.93	22.76	23.7	0
10	16QAM	25	25	22.81	22.98	22.69		
10	16QAM	50	0	22.79	22.92	22.81		
10	64QAM	1	0	22.80	22.97	22.68		
10	64QAM	1	25	22.70	22.85	22.73	23.7	0
10	64QAM	1	49	22.61	22.84	22.67		
10	64QAM	25	0	21.93	22.05	21.87		
10	64QAM	25	12	21.79	21.90	21.80	22.7	1
10	64QAM	25	25	21.79	21.93	21.75		
10	64QAM	50	0	21.81	21.93	21.75		
10	256QAM	1	0	19.83	20.00	19.90		
10	256QAM	1	25	19.84	20.00	19.83	20.7	3
10	256QAM	1	49	19.77	19.99	19.76		
10	256QAM	25	0	19.90	20.01	19.89		
10	256QAM	25	12	19.97	19.91	19.91	20.7	3
10	256QAM	25	25	19.78	20.00	19.78		
10	256QAM	50	0	19.73	19.84	19.71		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.93	23.07	22.84	23.7	0
5	QPSK	1	12	22.83	22.98	22.84		
5	QPSK	1	24	22.80	22.92	22.75		
5	QPSK	12	0	22.80	22.84	22.83		
5	QPSK	12	7	22.86	22.91	22.78	23.7	0
5	QPSK	12	13	22.76	22.88	22.87		
5	QPSK	25	0	22.82	22.87	22.82		
5	16QAM	1	0	22.76	22.91	22.80		
5	16QAM	1	12	22.91	22.77	22.77	23.7	0
5	16QAM	1	24	22.84	22.93	22.78		
5	16QAM	12	0	22.80	22.95	22.82		
5	16QAM	12	7	22.78	22.95	22.81	23.7	0
5	16QAM	12	13	22.80	22.72	22.77		
5	16QAM	25	0	22.83	22.93	22.79		
5	64QAM	1	0	22.77	22.96	22.74		
5	64QAM	1	12	22.66	22.77	22.77	23.7	0
5	64QAM	1	24	22.77	22.79	22.68		
5	64QAM	12	0	21.85	22.01	21.91		
5	64QAM	12	7	21.85	21.90	21.73	22.7	1
5	64QAM	12	13	21.72	21.97	21.74		
5	64QAM	25	0	21.76	21.90	21.80		
5	256QAM	1	0	19.89	20.05	19.93		
5	256QAM	1	12	19.76	20.02	19.82	20.7	3
5	256QAM	1	24	19.74	20.01	19.75		
5	256QAM	12	0	19.93	19.90	19.90		
5	256QAM	12	7	19.82	20.03	19.91	20.7	3
5	256QAM	12	13	19.70	20.01	19.86		
5	256QAM	25	0	19.79	19.86	19.72		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.91	22.98	22.91	23.7	0
3	QPSK	1	8	22.78	22.93	22.79		
3	QPSK	1	14	22.72	22.94	22.74		
3	QPSK	8	0	22.72	22.92	22.78		
3	QPSK	8	4	22.84	22.97	22.83	23.7	0
3	QPSK	8	7	22.82	22.85	22.81		
3	QPSK	15	0	22.76	22.93	22.83		
3	16QAM	1	0	22.74	22.92	22.82		
3	16QAM	1	8	22.82	22.83	22.77	23.7	0
3	16QAM	1	14	22.83	22.88	22.75		
3	16QAM	8	0	22.84	22.97	22.75		
3	16QAM	8	4	22.86	22.82	22.79	23.7	0
3	16QAM	8	7	22.82	22.93	22.69		
3	16QAM	15	0	22.87	22.87	22.79		
3	64QAM	1	0	22.73	22.90	22.75		
3	64QAM	1	8	22.66	22.84	22.75	23.7	0
3	64QAM	1	14	22.65	22.84	22.77		
3	64QAM	8	0	21.93	21.98	21.87		
3	64QAM	8	4	21.77	21.97	21.78	22.7	1
3	64QAM	8	7	21.72	21.76	21.80		
3	64QAM	15	0	21.83	21.88	21.72		
3	256QAM	1	0	19.90	20.03	19.93		
3	256QAM	1	8	19.84	19.96	19.85	20.7	3
3	256QAM	1	14	19.74	19.93	19.80		
3	256QAM	8	0	19.93	20.02	19.91		
3	256QAM	8	4	19.81	20.03	19.83	20.7	3
3	256QAM	8	7	19.78	20.06	19.82		
3	256QAM	15	0	19.75	19.86	19.73		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.89	23.03	22.89	23.7	0
1.4	QPSK	1	3	22.82	23.00	22.87		
1.4	QPSK	1	5	22.79	22.97	22.73		
1.4	QPSK	3	0	22.93	22.98	22.92		
1.4	QPSK	3	1	22.86	22.97	22.79		
1.4	QPSK	3	3	22.81	22.98	22.78		
1.4	QPSK	6	0	22.85	23.04	22.91	23.7	0
1.4	16QAM	1	0	22.84	22.97	22.87		
1.4	16QAM	1	3	22.73	22.97	22.78		
1.4	16QAM	1	5	22.88	22.98	22.84	23.7	0
1.4	16QAM	3	0	22.86	22.94	22.84		
1.4	16QAM	3	1	22.79	22.98	22.79		
1.4	16QAM	3	3	22.86	23.06	22.92		
1.4	16QAM	6	0	22.84	23.00	22.81	23.7	0
1.4	64QAM	1	0	22.77	22.99	22.80		
1.4	64QAM	1	3	22.89	23.03	22.86		
1.4	64QAM	1	5	22.82	22.93	22.84	23.7	0
1.4	64QAM	3	0	22.95	23.05	22.84		
1.4	64QAM	3	1	22.79	22.92	22.85		
1.4	64QAM	3	3	22.74	23.00	22.73		
1.4	64QAM	6	0	21.88	21.98	21.88	22.7	1
1.4	256QAM	1	0	19.85	20.02	19.92		
1.4	256QAM	1	3	19.78	19.99	19.84		
1.4	256QAM	1	5	19.78	19.95	19.76	20.7	3
1.4	256QAM	3	0	19.94	20.11	19.92		
1.4	256QAM	3	1	19.88	20.06	19.87		
1.4	256QAM	3	3	19.76	20.01	19.82		
1.4	256QAM	6	0	19.72	19.93	19.78	20.7	3

Band 7 Ant2 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	22.06	22.20	22.02	22.7	0
20	QPSK	1	49	21.97	22.08	21.96		
20	QPSK	1	99	21.96	22.05	21.95		
20	QPSK	50	0	21.97	22.13	21.88		
20	QPSK	50	24	21.94	22.00	21.92	22.7	0
20	QPSK	50	50	21.96	22.10	21.91		
20	QPSK	100	0	22.00	22.08	21.94		
20	16QAM	1	0	21.94	22.03	21.89		
20	16QAM	1	49	21.86	21.96	21.82	22.7	0
20	16QAM

Band 38 Ant2 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	22.01	22.19	21.98	22.7	0
20	QPSK	1	49	22.07	21.97	22.11		
20	QPSK	1	99	21.90	22.16	22.16		
20	QPSK	50	0	22.07	22.14	22.00		
20	QPSK	50	24	21.95	22.09	21.93		
20	QPSK	50	50	21.98	21.92	22.04		
20	QPSK	100	0	21.81	22.10	22.05		
20	16QAM	1	0	21.87	22.03	21.94		
20	16QAM	1	49	21.91	22.17	21.81		
20	16QAM	1	99	21.90	21.91	22.07		
20	16QAM	50	0	21.88	22.01	22.02		
20	16QAM	50	24	22.05	21.98	21.86		
20	16QAM	50	50	21.93	22.11	21.93		
20	16QAM	100	0	22.06	21.82	21.89		
20	64QAM	1	0	21.78	22.05	22.16		
20	64QAM	1	49	21.94	21.90	21.96		
20	64QAM	1	99	21.89	21.99	21.87		
20	64QAM	50	0	22.00	22.11	21.99		
20	64QAM	50	24	22.05	21.78	21.98		
20	64QAM	50	50	21.87	22.17	22.03		
20	64QAM	100	0	21.93	21.99	21.80		
20	256QAM	1	0	19.92	20.07	19.98		
20	256QAM	1	49	20.11	20.02	20.23		
20	256QAM	1	99	19.96	20.17	20.19		
20	256QAM	50	0	19.97	20.21	19.99		
20	256QAM	50	24	19.98	19.97	20.22		
20	256QAM	50	50	19.95	20.10	20.12		
20	256QAM	100	0	20.01	20.09	19.89		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	21.88	22.14	21.94	22.7	0
15	QPSK	1	37	21.88	21.96	21.97		
15	QPSK	1	74	21.70	22.04	22.07		
15	QPSK	36	0	21.94	22.06	21.98		
15	QPSK	36	20	21.96	21.93	21.72		
15	QPSK	36	39	21.97	21.90	21.88		
15	QPSK	75	0	21.83	22.10	21.94		
15	16QAM	1	0	21.89	22.03	21.88		
15	16QAM	1	37	21.81	22.16	21.86		
15	16QAM	1	74	21.76	21.83	21.92		
15	16QAM	36	0	21.86	21.90	21.81		
15	16QAM	36	20	21.96	21.91	21.74		
15	16QAM	36	39	21.91	22.01	21.93		
15	16QAM	75	0	21.99	21.67	21.69		
15	64QAM	1	0	21.65	22.01	21.94		
15	64QAM	1	37	21.89	21.78	21.94		
15	64QAM	1	74	21.85	21.96	21.71		
15	64QAM	36	0	21.82	22.08	21.92		
15	64QAM	36	20	21.92	21.66	21.77		
15	64QAM	36	39	21.71	22.05	21.88		
15	64QAM	75	0	21.78	21.83	21.82		
15	256QAM	1	0	19.91	19.98	19.88		
15	256QAM	1	37	20.06	19.96	20.15		
15	256QAM	1	74	19.78	20.15	20.00		
15	256QAM	36	0	19.86	20.22	19.95		
15	256QAM	36	20	19.85	19.97	20.02		
15	256QAM	36	39	19.85	20.05	19.92		
15	256QAM	75	0	19.89	20.00	19.69		
Channel				37600	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.03	22.06	21.77	22.7	0
10	QPSK	1	25	21.99	21.92	22.04		
10	QPSK	1	49	21.92	22.08	22.03		
10	QPSK	25	0	21.98	21.95	21.86		
10	QPSK	25	12	21.77	21.90	21.77		
10	QPSK	25	25	21.84	21.72	21.88		
10	QPSK	50	0	21.76	22.06	21.86		
10	16QAM	1	0	21.75	21.97	21.95		
10	16QAM	1	25	21.70	22.03	21.81		
10	16QAM	1	49	21.87	21.73	21.93		
10	16QAM	25	0	21.89	21.85	21.89		
10	16QAM	25	12	21.96	21.89	21.76		
10	16QAM	25	25	21.83	22.02	21.75		
10	16QAM	50	0	21.99	21.67	21.68		
10	64QAM	1	0	21.70	22.03	22.08		
10	64QAM	1	25	21.84	21.84	21.82		
10	64QAM	1	49	21.81	21.97	21.83		
10	64QAM	25	0	21.83	22.13	21.92		
10	64QAM	25	12	21.85	21.80	21.99		
10	64QAM	25	25	21.93	21.96	21.91		
10	64QAM	50	0	21.89	21.88	21.79		
10	256QAM	1	0	19.91	20.08	19.85		
10	256QAM	1	25	19.91	19.86	20.02		
10	256QAM	1	49	19.75	20.06	20.09		
10	256QAM	25	0	19.89	20.02	19.97		
10	256QAM	25	12	19.84	19.94	20.16		
10	256QAM	25	25	19.86	20.13	20.04		
10	256QAM	50	0	19.80	20.10	19.74		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	21.96	22.16	21.98	22.7	0
5	QPSK	1	12	22.04	21.80	21.95		
5	QPSK	1	24	21.91	21.98	22.06		
5	QPSK	12	0	22.05	22.02	21.82		
5	QPSK	12	7	21.73	22.09	21.87		
5	QPSK	12	13	21.91	21.92	21.90		
5	QPSK	25	0	21.70	21.92	21.88		
5	16QAM	1	0	21.85	21.86	21.91		
5	16QAM	1	12	21.79	21.83	21.79		
5	16QAM	1	24	21.89	21.83	22.06		
5	16QAM	12	0	21.84	21.82	21.99		
5	16QAM	12	7	22.03	21.92	21.69		
5	16QAM	12	13	21.73	22.00	21.87		
5	16QAM	25	0	21.91	21.77	21.81		
5	64QAM	1	0	21.73	21.96	22.04		
5	64QAM	1	12	21.73	21.81	21.88		
5	64QAM	1	24	21.89	21.87	21.81		
5	64QAM	12	0	21.82	22.03	21.82		
5	64QAM	12	7	22.02	21.74	21.91		
5	64QAM	12	13	21.88	22.05	22.00		
5	64QAM	25	0	21.81	21.83	21.58		
5	256QAM	1	0	19.89	20.00	19.83		
5	256QAM	1	12	20.06	19.86	20.15		
5	256QAM	1	24	19.94	20.13	20.13		
5	256QAM	12	0	19.83	20.07	19.87		
5	256QAM	12	7	19.95	19.82	20.11		
5	256QAM	12	13	19.77	20.11	19.95		
5	256QAM	25	0	19.83	19.96	19.74		

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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	22.75	22.76	22.88	22.85	22.80	23.2	0
20	QPSK	1	49	22.69	22.71	22.79	22.79	22.69		
20	QPSK	1	99	22.75	22.67	22.86	22.74	22.81		
20	QPSK	50	0	22.69	22.74	22.79	22.65	22.69		
20	QPSK	50	24	22.58	22.62	22.75	22.74	22.53		
20	QPSK	50	50	22.59	22.57	22.77	22.75	22.72		
20	QPSK	100	0	22.65	22.73	22.80	22.73	22.72		
20	16QAM	1	0	22.53	22.58	22.76	22.60	22.65		
20	16QAM	1	49	22.75	22.68	22.66	22.63	22.75		
20	16QAM	1	99	22.70	22.71	22.83	22.84	22.59		
20	16QAM	50	0	22.61	22.66	22.78	22.62	22.58		
20	16QAM	50	24	22.64	22.68	22.66	22.57	22.60		
20	16QAM	50	50	22.74	22.77	22.72	22.74	22.61		
20	16QAM	100	0	22.49	22.52	22.74	22.78	22.58		
20	64QAM	1	0	22.74	22.46	22.75	22.69	22.76		
20	64QAM	1	49	22.60	22.73	22.67	22.71	22.62		
20	64QAM	1	99	22.62	22.65	22.66	22.60	22.52		
20	64QAM	50	0	22.28	22.25	22.26	22.47	22.22		
20	64QAM	50	24	22.34	22.26	22.40	22.39	22.24		
20	64QAM	50	50	22.18	22.23	22.24	22.23	22.12		
20	64QAM	100	0	22.26	22.25	22.39	22.17	22.33		
20	256QAM	1	0	19.95	19.85	19.90	19.83	19.75		
20	256QAM	1	49	19.76	19.83	20.05	20.00	19.83		
20	256QAM	1	99	19.72	19.95	19.83	19.86	19.81		
20	256QAM	50	0	20.00	19.97	20.00	19.93	19.94		
20	256QAM	50	24	19.71	19.79	20.04	19.87	19.94		
20	256QAM	50	50	19.83	19.89	19.93	19.76	19.72		
20	256QAM	100	0	19.90	19.94	19.98	19.84	19.81		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	22.63	22.76	22.72	22.80	22.81	23	0
15	QPSK	1	37	22.64	22.66	22.76	22.78	22.50		
15	QPSK	1	74	22.55	22.46	22.85	22.59	22.67		
15	QPSK	36	0	22.52	22.71	22.58	22.54	22.47		
15	QPSK	36	20	22.48	22.44	22.72	22.53	22.46		
15	QPSK	36	39	22.39	22.37	22.61	22.73	22.69		
15	QPSK	75	0	22.46	22.63	22.80	22.57	22.63		
15	16QAM	1	0	22.52	22.41	22.60	22.42	22.52		
15	16QAM	1	37	22.56	22.50	22.50	22.64	22.54		
15	16QAM	1	74	22.71	22.56	22.74	22.73	22.57		
15	16QAM	36	0	22.53	22.62	22.64	22.62	22.48		
15	16QAM	36	20	22.44	22.54	22.53	22.57	22.71		
15	16QAM	36	39	22.63	22.70	22.52	22.70	22.48		
15	16QAM	75	0	22.35	22.54	22.74	22.69	22.46		
15	64QAM	1	0	22.55	22.45	22.67	22.64	22.55		
15	64QAM	1	37	22.57	22.73	22.47	22.52	22.45		
15	64QAM	1	74	22.47	22.63	22.46	22.47	22.45		
15	64QAM	36	0	22.29	22.09	22.25	22.38	22.16		
15	64QAM	36	20	22.27	22.23	22.22	22.29	22.07		
15	64QAM	36	39	22.02	22.08	22.23	22.03	22.04		
15	64QAM	75	0	22.08	22.05	22.39	22.06	22.16		
15	256QAM	1	0	19.75	19.84	19.74	19.79	19.66		
15	256QAM	1	37	19.71	19.63	20.05	19.89	19.67		
15	256QAM	1	74	19.71	19.82	19.85	19.75	19.71		
15	256QAM	36	0	19.86	19.87	19.89	19.89	19.90		
15	256QAM	36	20	19.73	19.75	20.04	19.72	19.96		
15	256QAM	36	39	19.80	19.90	19.76	19.65	19.72		
15	256QAM	75	0	19.87	19.78	19.71	19.70	19.70		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.63	22.54	22.85	22.69	22.72	23.20	0
10	QPSK	1	25	22.66	22.62	22.60	22.69	22.68		
10	QPSK	1	49	22.65	22.54	22.75	22.75	22.59		
10	QPSK	25	0	22.52	22.56	22.77	22.48	22.71		
10	QPSK	25	12	22.45	22.49	22.70	22.67	22.36		
10	QPSK	25	25	22.49	22.44	22.57	22.70	22.73		
10	QPSK	50	0	22.54	22.71	22.72	22.58	22.56		
10	16QAM	1	0	22.54	22.56	22.63	22.61	22.54		
10	16QAM	1	25	22.73	22.59	22.57	22.43	22.68		
10	16QAM	1	49	22.62	22.56	22.66	22.72	22.40		
10	16QAM	25	0	22.39	22.45	22.75	22.42	22.60		
10	16QAM	25	12	22.54	22.61	22.45	22.42	22.79		
10	16QAM	25	25	22.64	22.75	22.59	22.73	22.56		
10	16QAM	50	0	22.50	22.48	22.65	22.73	22.53		
10	64QAM	1	0	22.62	22.34	22.73	22.63	22.73		
10	64QAM	1	25	22.50	22.57	22.64	22.55	22.57		
10	64QAM	1	49	22.60	22.61	22.68	22.40	22.41		
10	64QAM	25	0	22.23	22.25	22.13	22.35	22.07		
10	64QAM	25	12	22.19	22.08	22.36	22.26	22.26		
10	64QAM	25	25	22.14	22.17	22.25	22.17	21.93		
10	64QAM	50	0	22.13	22.15	22.26	22.10	22.31		
10	256QAM	1	0	19.79	19.83	19.75	19.75	19.74		
10	256QAM	1	25	19.59	19.67	19.87	19.98	19.63		
10	256QAM	1	49	19.56	19.92	19.62	19.81	19.62		
10	256QAM	25	0	19.91	19.95	19.86	19.73	19.73		
10	256QAM	25	12	19.74	19.58	19.82	19.72	19.91		
10	256QAM	25	25	19.63	19.86	19.77	19.73	19.74		
10	256QAM	50	0	19.84	19.72	19.79	19.74	19.71		
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	22.61	22.59	22.84	22.71	22.70	23.20	0
5	QPSK	1	12	22.67	22.62	22.73	22.68	22.56		
5	QPSK	1	24	22.62	22.51	22.79	22.59	22.77		
5	QPSK	12	0	22.47	22.62	22.76	22.66	22.69		
5	QPSK	12	7	22.55	22.42	22.77	22.52	22.48		
5	QPSK	12	13	22.38	22.54	22.73	22.68	22.64		
5	QPSK	25	0	22.53	22.60	22.67	22.65	22.71		
5	16QAM	1	0	22.42	22.57	22.57	22.38	22.54		
5	16QAM	1	12	22.74	22.53	22.60	22.46	22.66		
5	16QAM	1	24	22.61	22.66	22.62	22.82	22.44		
5	16QAM	12	0	22.41	22.60	22.64	22.62	22.45		
5	16QAM	12	7	22.56	22.67	22.63	22.43	22.69		
5	16QAM	12	13	22.64	22.77	22.65	22.54	22.61		
5	16QAM	25	0	22.37	22.37	22.53	22.66	22.53		
5	64QAM	1	0	22.68	22.40	22.68	22.69	22.65		
5	64QAM	1	12	22.44	22.62	22.60	22.69	22.42		
5	64QAM	1	24	22.57	22.61	22.65	22.61	22.32		
5	64QAM	12	0	22.27	22.11	22.11	22.44	22.02		
5	64QAM	12	7	22.28	22.25	22.34	22.33	22.05		
5	64QAM	12	13	22.07	22.03	22.03	22.13	22.03		
5	64QAM	25	0	22.19	22.06	22.37	22.16	22.32		
5	256QAM	1	0	19.84	19.75	19.69	19.71	19.73		
5	256QAM	1	12	19.68	19.64	20.03	19.89	19.65		
5	256QAM	1	24	19.70	19.91	19.66	19.84	19.79		
5	256QAM	12	0	19.96	19.87	19.95	19.94	19.91		
5	256QAM	12	7	19.80	19.75	19.82	19.73	19.89		
5	256QAM	12	13	19.65	19.87	19.88	19.64	19.60		
5	256QAM	25	0	19.90	19.94	19.76	19.86	19.76		

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BW [MHz]	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	21.01	21.10	21.00		
20	QPSK	1	49	20.89	20.94	20.83	22.5	0
20	QPSK	1	99	20.80	21.00	20.93		
20	QPSK	50	0	20.82	21.06	20.92		
20	QPSK	50	24	21.00	20.90	21.01	22.5	0
20	QPSK	50	50	21.01	21.03	20.99		
20	QPSK	100	0	20.99	21.01	20.93		
20	16QAM	1	0	21.01	21.02	21.00		
20	16QAM	1	49	20.95	20.92	21.00	22.5	0
20	16QAM	1	99	20.89	21.01	20.87		
20	16QAM	50	0	21.00	21.00	20.81		
20	16QAM	50	24	20.98	21.09	20.82	22.5	0
20	16QAM	50	50	20.83	21.09	20.88		
20	16QAM	100	0	20.79	20.93	20.93		
20	64QAM	1	0	20.85	20.89	21.02		
20	64QAM	1	49	20.96	21.07	20.99	22.5	0
20	64QAM	1	99	20.81	21.06	21.01		
20	64QAM	50	0	20.41	20.71	20.53		
20	64QAM	50	24	20.47	20.60	20.52	22	0.5
20	64QAM	50	50	20.61	20.66	20.53		
20	64QAM	100	0	20.63	20.63	20.54		
20	256QAM	1	0	18.41	18.43	18.48		
20	256QAM	1	49	18.31	18.51	18.34	20	2.5
20	256QAM	1	99	18.54	18.60	18.46		
20	256QAM	50	0	18.53	18.53	18.48		
20	256QAM	50	24	18.35	18.63	18.35	20	2.5
20	256QAM	50	50	18.42	18.46	18.40		
20	256QAM	100	0	18.41	18.50	18.50		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	20.88	21.09	20.93		
15	QPSK	1	37	20.72	20.82	20.65	22.5	0
15	QPSK	1	74	20.70	20.99	20.83		
15	QPSK	36	0	20.74	20.87	20.89		
15	QPSK	36	20	20.84	20.88	20.83	22.5	0
15	QPSK	36	39	20.90	20.90	20.99		
15	QPSK	75	0	20.88	20.87	20.78		
15	16QAM	1	0	20.90	21.06	20.94		
15	16QAM	1	37	20.78	20.80	21.00	22.5	0
15	16QAM	1	74	20.81	21.00	20.66		
15	16QAM	36	0	21.00	20.99	20.62		
15	16QAM	36	20	20.87	20.94	20.74	22.5	0
15	16QAM	36	39	20.72	20.97	20.68		
15	16QAM	75	0	20.78	20.88	20.90		
15	64QAM	1	0	20.73	20.71	20.97		
15	64QAM	1	37	20.92	20.89	20.79	22.5	0
15	64QAM	1	74	20.69	21.01	21.02		
15	64QAM	36	0	20.24	20.51	20.46		
15	64QAM	36	20	20.40	20.42	20.35	22	0.5
15	64QAM	36	39	20.50	20.56	20.51		
15	64QAM	75	0	20.48	20.50	20.33		
15	256QAM	1	0	18.37	18.21	18.31		
15	256QAM	1	37	18.36	18.36	18.23	20	2.5
15	256QAM	1	74	18.39	18.59	18.34		
15	256QAM	36	0	18.48	18.42	18.42		
15	256QAM	36	20	18.34	18.58	18.36	20	2.5
15	256QAM	36	39	18.42	18.47	18.39		
15	256QAM	75	0	18.22	18.46	18.32		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	20.83	20.90	20.79		
10	QPSK	1	25	20.83	20.90	20.67	22.5	0
10	QPSK	1	49	20.79	20.87	20.79		
10	QPSK	25	0	20.79	21.00	20.74		
10	QPSK	25	12	21.00	20.78	20.96	22.5	0
10	QPSK	25	25	20.99	21.06	20.92		
10	QPSK	50	0	20.93	20.96	20.87		
10	16QAM	1	0	21.00	20.87	20.81		
10	16QAM	1	25	20.87	20.75	20.80	22.5	0
10	16QAM	1	49	20.85	20.97	20.81		
10	16QAM	25	0	21.02	20.89	20.66		
10	16QAM	25	12	20.82	20.99	20.77	22.5	0
10	16QAM	25	25	20.81	21.01	20.69		
10	16QAM	50	0	20.75	20.80	20.84		
10	64QAM	1	0	20.85	20.81	20.85		
10	64QAM	1	25	20.83	20.92	20.99	22.5	0
10	64QAM	1	49	20.62	20.84	21.00		
10	64QAM	25	0	20.23	20.64	20.39		
10	64QAM	25	12	20.40	20.60	20.31	22	0.5
10	64QAM	25	25	20.59	20.67	20.34		
10	64QAM	50	0	20.64	20.62	20.42		
10	256QAM	1	0	18.30	18.28	18.42		
10	256QAM	1	25	18.28	18.38	18.17	20	2.5
10	256QAM	1	49	18.52	18.52	18.36		
10	256QAM	25	0	18.35	18.51	18.27		
10	256QAM	25	12	18.34	18.45	18.24	20	2.5
10	256QAM	25	25	18.31	18.31	18.34		
10	256QAM	50	0	18.30	18.40	18.36		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	20.84	21.07	20.89		
5	QPSK	1	12	20.70	20.76	20.63	22.5	0
5	QPSK	1	24	20.63	20.93	20.86		
5	QPSK	12	0	20.68	20.94	20.76		
5	QPSK	12	7	20.97	20.89	21.00	22.5	0
5	QPSK	12	13	20.90	20.98	20.81		
5	QPSK	25	0	20.89	20.88	20.72		
5	16QAM	1	0	20.83	21.03	20.78		
5	16QAM	1	12	20.90	20.77	20.84	22.5	0
5	16QAM	1	24	20.90	21.07	20.73		
5	16QAM	12	0	20.78	20.94	20.60		
5	16QAM	12	7	20.91	20.95	20.77	22.5	0
5	16QAM	12	13	20.72	21.04	20.74		
5	16QAM	25	0	20.59	20.79	20.94		
5	64QAM	1	0	20.82	20.86	20.92		
5	64QAM	1	12	20.96	20.97	20.79	22.5	0
5	64QAM	1	24	20.82	20.99	20.83		
5	64QAM	12	0	20.36	20.63	20.40		
5	64QAM	12	7	20.36	20.52	20.47	22	0.5
5	64QAM	12	13	20.56	20.66	20.46		
5	64QAM	25	0	20.52	20.50	20.37		
5	256QAM	1	0	18.42	18.25	18.31		
5	256QAM	1	12	18.32	18.46	18.31	20	2.5
5	256QAM	1	24	18.50	18.48	18.30		
5	256QAM	12	0	18.32	18.39	18.47		
5	256QAM	12	7	18.19	18.44	18.21	20	2.5
5	256QAM	12	13	18.38	18.34	18.20		
5	256QAM	25	0	18.43	18.37	18.47		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	20.84	20.89	20.80		
3	QPSK	1	8	20.82	20.87	20.69	22.5	0
3	QPSK	1	14	20.73	20.86	20.86		
3	QPSK	8	0	20.75	20.90	20.83		
3	QPSK	8	4	20.92	20.69	20.85	22.5	0
3	QPSK	8	7	21.01	21.05	20.87		
3	QPSK	15	0	20.89	20.84	20.90		
3	16QAM	1	0	20.84	20.91	20.95		
3	16QAM	1	8	20.87	20.72	21.01	22.5	0
3	16QAM	1	14	20.78	21.00	20.88		
3	16QAM	8	0	20.78	20.99	20.81		
3	16QAM	8	4	20.96	21.05	20.75	22.5	0
3	16QAM	8	7	20.67	20.95	20.90		
3	16QAM	15	0	20.72	20.82	20.86		
3	64QAM	1	0	20.65	20.76	20.84		
3	64QAM	1	8	20.97	21.04	20.82	22.5	0
3	64QAM	1	14	20.75	20.97	20.96		
3	64QAM	8	0	20.37	20.58	20.55		
3	64QAM	8	4	20.46	20.58	20.52	22	0.5
3	64QAM	8	7	20.60	20.57	20.45		
3	64QAM	15	0	20.60	20.51	20.55		
3	256QAM	1	0	18.27	18.34	18.38		
3	256QAM	1	8	18.29	18.29	18.15	20	2.5
3	256QAM	1	14	18.42	18.39	18.37		
3	256QAM	8	0	18.43	18.32	18.44		
3	256QAM	8	4	18.30	18.64	18.29	20	2.5
3	256QAM	8	7	18.33	18.33	18.32		
3	256QAM	15	0	18.35	18.52	18.44		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	20.98	21.06	20.80		
1.4	QPSK	1	3	20.90	20.89	20.68		
1.4	QPSK	1	5	20.74	20.96	20.80	22.5	0
1.4	QPSK	3	0	20.64	21.00	20.79		
1.4	QPSK	3	1	20.89	20.72	21.00		
1.4	QPSK	3	3	20.82	20.98	20.79		
1.4	QPSK	6	0	21.00	20.89	20.95	22.5	0
1.4	16QAM	1	0	20.83	20.92	20.96		
1.4	16QAM	1	3	20.88	20.79	20.92		
1.4	16QAM	1	5	20.87	20.92	20.86	22.5	0
1.4	16QAM	3	0	20.95	20.94	20.60		
1.4	16QAM	3	1	20.93	20.97	20.66		
1.4	16QAM	3	3	20.81	20.88	20.67		
1.4	16QAM	6	0	20.84	21.06	20.77	22.5	0
1.4	64QAM	1	0	20.88	20.95	20.65		
1.4	64QAM	1	3	20.74	20.82	20.53		
1.4	64QAM	1	5	20.57	20.91	20.72	22.5	0
1.4	64QAM	3	0	20.56	20.89	20.58		
1.4	64QAM	3	1	20.89	20.61	21.00		
1.4	64QAM	3	3	20.80	20.81	20.72		
1.4	64QAM	6	0	20.44	20.59	20.54	22	0.5
1.4	256QAM	1	0	18.22	18.34	18.28		
1.4	256QAM	1	3	18.26	18.29	18.15	20	2.5
1.4	256QAM	1	5	18.45	18.49	18.41		
1.4	256QAM	3	0	18.34	18.34	18.40		
1.4	256QAM	3	1	18.26	18.47	18.21		
1.4	256QAM	3	3	18.32	18.47	18.25		
1.4	256QAM	6	0	18.35	18.39	18.28	20	2.5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	20.90	20.94	20.78		
20	QPSK	1	49	20.88	20.87	20.70	22	0
20	QPSK	1	99	20.71	20.84	20.75		
20	QPSK	50	0	20.75	20.86	20.61		
20	QPSK	50	24	20.76	20.83	20.61	22	0
20	QPSK	50	50	20.70	20.83	20.74		
20	QPSK	100	0	20.67	20.77	20.70		
20	16QAM	1	0	20.85	20.86	20.63		
20	16QAM	1	49	20.70	20.65	20.76	22	0
20	16QAM	1	99	20.75	20.73	20.76		
20	16QAM	50	0	20.73	20.86	20.62		
20	16QAM	50	24	20.63	20.76	20.73	22	0
20	16QAM	50	50	20.75	20.80	20.59		
20	16QAM	100	0	20.67	20.85	20.51		
20	64QAM	1	0	20.59	20.74	20.59		
20	64QAM	1	49	20.89	20.90	20.72	22	0
20	64QAM	1	99	20.83	20.83	20.60		
20	64QAM	50	0	20.69	20.81	20.72		
20	64QAM	50	24	20.73	20.75	20.62	22	0
20	64QAM	50	50	20.69	20.84	20.60		
20	64QAM	100	0	20.67	20.82	20.62		
20	256QAM	1	0	18.74	18.86	18.87		
20	256QAM	1	49	18.78	18.93	18.75	20	2
20	256QAM	1	99	18.84	18.95	18.87		
20	256QAM	50	0	18.94	18.96	18.83		
20	256QAM	50	24	18.94	18.94	18.85	20	2
20	256QAM	50	50	18.65	18.93	18.78		
20	256QAM	100	0	18.83	19.12	18.89		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	20.73	20.88	20.73		
15	QPSK	1	37	20.69	20.87	20.61	22	0
15	QPSK	1	74	20.62	20.74	20.61		
15	QPSK	36	0	20.63	20.83	20.56		
15	QPSK	36	20	20.71	20.70	20.60	22	0
15	QPSK	36	39	20.71	20.85	20.68		
15	QPSK	75	0	20.47	20.60	20.62		
15	16QAM	1	0	20.64	20.87	20.48		
15	16QAM	1	37	20.72	20.50	20.66	22	0
15	16QAM	1	74	20.56	20.63	20.63		
15	16QAM	36	0	20.53	20.65	20.45		
15	16QAM	36	20	20.52	20.53	20.44	22	0
15	16QAM	36	39	20.81	20.78	20.68		
15	16QAM	75	0	20.68	20.78	20.42		
15	64QAM	1	0	20.62	20.54	20.58		
15	64QAM	1	37	20.58	20.70	20.67	22	0
15	64QAM	1	74	20.73	20.84	20.47		
15	64QAM	36	0	20.53	20.59	20.63		
15	64QAM	36	20	20.60	20.72	20.68	22	0
15	64QAM	36	39	20.59	20.65	20.50		
15	64QAM	75	0	20.45	20.59	20.68		
15	256QAM	1	0	18.55	18.71	18.87		
15	256QAM	1	37	18.74	18.83	18.54	20	2
15	256QAM	1	74	18.74	18.87	18.68		
15	256QAM	36	0	18.94	18.81	18.63		
15	256QAM	36	20	18.87	18.93	18.66	20	2
15	256QAM	36	39	18.63	18.83	18.75		
15	256QAM	75	0	18.84	18.99	18.83		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	20.83	20.80	20.66		
10	QPSK	1	25	20.86	20.82	20.58	22	0
10	QPSK	1	49	20.68	20.82	20.64		
10	QPSK	25	0	20.62	20.86	20.61		
10	QPSK	25	12	20.72	20.72	20.51	22	0
10	QPSK	25	25	20.62	20.73	20.63		
10	QPSK	50	0	20.59	20.61	20.56		
10	16QAM	1	0	20.69	20.72	20.63		
10	16QAM	1	25	20.53	20.55	20.59	22	0
10	16QAM	1	49	20.72	20.59	20.60		
10	16QAM	25	0	20.72	20.70	20.42		
10	16QAM	25	12	20.43	20.66	20.74	22	0
10	16QAM	25	25	20.66	20.60	20.49		
10	16QAM	50	0	20.63	20.71	20.32		
10	64QAM	1	0	20.45	20.61	20.47		
10	64QAM	1	25	20.72	20.75	20.58	22	0
10	64QAM	1	49	20.80	20.83	20.47		
10	64QAM	25	0	20.62	20.63	20.51		
10	64QAM	25	12	20.53	20.71	20.58	22	0
10	64QAM	25	25	20.52	20.62	20.60		
10	64QAM	50	0	20.52	20.75	20.56		
10	256QAM	1	0	18.74	18.74	18.73		
10	256QAM	1	25	18.68	18.85	18.73	20	2
10	256QAM	1	49	18.80	18.93	18.72		
10	256QAM	25	0	18.58	18.80	18.73		
10	256QAM	25	12	18.74	18.93	18.68	20	2
10	256QAM	25	25	18.94	18.92	18.64		
10	256QAM	50	0	18.62	18.93	18.81		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	20.78	20.76	20.57		
5	QPSK	1	12	20.78	20.71	20.56	22	0
5	QPSK	1	24	20.59	20.83	20.66		
5	QPSK	12	0	20.71	20.86	20.53		
5	QPSK	12	7	20.55	20.75	20.52	22	0
5	QPSK	12	13	20.66	20.69	20.64		
5	QPSK	25	0	20.67	20.69	20.63		
5	16QAM	1	0	20.67	20.65	20.53		
5	16QAM	1	12	20.53	20.43	20.70	22	0
5	16QAM	1	24	20.72	20.51	20.54		
5	16QAM	12	0	20.71	20.67	20.56		
5	16QAM	12	7	20.48	20.77	20.66	22	0
5	16QAM	12	13	20.71	20.94	20.58		
5	16QAM	25	0	20.63	20.79	20.40		
5	64QAM	1	0	20.47	20.69	20.46		
5	64QAM	1	12	20.90	20.82	20.54	22	0
5	64QAM	1	24	20.81	20.77	20.46		
5	64QAM	12	0	20.50	20.66	20.51		
5	64QAM	12	7	20.63	20.63	20.61	22	0
5	64QAM	12	13	20.64	20.80	20.39		
5	64QAM	25	0	20.57	20.68	20.42		
5	256QAM	1	0	18.52	18.73	18.65		
5	256QAM	1	12	18.76	18.88	18.75	20	2
5	256QAM	1	24	18.81	18.83	18.82		
5	256QAM	12	0	18.90	18.95	18.80		
5	256QAM	12	7	18.93	18.85	18.72	20	2
5	256QAM	12	13	18.46	18.75	18.68		
5	256QAM	25	0	18.80	18.94	18.72		

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BW [MHz]	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	21.46	21.68	21.53		
20	QPSK	1	49	21.64	21.63	21.50	23	0
20	QPSK	1	99	21.44	21.60	21.54		
20	QPSK	50	0	21.42	21.57	21.51		
20	QPSK	50	24	21.50	21.48	21.40	23	0
20	QPSK	50	50	21.41	21.53	21.51		
20	QPSK	100	0	21.43	21.45	21.39		
20	16QAM	1	0	21.39	21.47	21.39		
20	16QAM	1	49	21.48	21.58	21.45	23	0
20	16QAM	1	99	21.45	21.52	21.55		
20	16QAM	50	0	21.37	21.46	21.32		
20	16QAM	50	24	21.30	21.31	21.23	23	0
20	16QAM	50	50	21.32	21.40	21.42		
20	16QAM	100	0	21.23	21.47	21.29		
20	64QAM	1	0	21.25	21.59	21.33		
20	64QAM	1	49	21.50	21.56	21.47	23	0
20	64QAM	1	99	21.24	21.60	21.47		
20	64QAM	50	0	20.35	20.59	20.57		
20	64QAM	50	24	20.56	20.63	20.58	22	1
20	64QAM	50	50	20.47	20.48	20.42		
20	64QAM	100	0	20.53	20.65	20.53		
20	256QAM	1	0	18.70	18.77	18.64		
20	256QAM	1	49	18.48	18.64	18.62	20	3
20	256QAM	1	99	18.63	18.70	18.66		
20	256QAM	50	0	18.41	18.59	18.65		
20	256QAM	50	24	18.47	18.47	18.49	20	3
20	256QAM	50	50	18.57	18.74	18.48		
20	256QAM	100	0	18.65	18.67	18.63		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	21.36	21.56	21.41		
15	QPSK	1	37	21.49	21.62	21.31	23	0
15	QPSK	1	74	21.23	21.51	21.39		
15	QPSK	36	0	21.21	21.38	21.37		
15	QPSK	36	20	21.50	21.49	21.37	23	0
15	QPSK	36	39	21.25	21.42	21.49		
15	QPSK	75	0	21.44	21.42	21.21		
15	16QAM	1	0	21.21	21.39	21.29		
15	16QAM	1	37	21.47	21.47	21.28	23	0
15	16QAM	1	74	21.47	21.42	21.39		
15	16QAM	36	0	21.32	21.34	21.24		
15	16QAM	36	20	21.28	21.31	21.05	23	0
15	16QAM	36	39	21.32	21.22	21.28		
15	16QAM	75	0	21.10	21.34	21.28		
15	64QAM	1	0	21.10	21.46	21.18		
15	64QAM	1	37	21.46	21.48	21.35	23	0
15	64QAM	1	74	21.17	21.47	21.37		
15	64QAM	36	0	20.32	20.38	20.38		
15	64QAM	36	20	20.49	20.44	20.49	22	1
15	64QAM	36	39	20.35	20.29	20.29		
15	64QAM	75	0	20.50	20.61	20.45		
15	256QAM	1	0	18.67	18.57	18.53		
15	256QAM	1	37	18.37	18.53	18.47	20	3
15	256QAM	1	74	18.59	18.66	18.58		
15	256QAM	36	0	18.42	18.59	18.51		
15	256QAM	36	20	18.41	18.44	18.50	20	3
15	256QAM	36	39	18.48	18.65	18.30		
15	256QAM	75	0	18.55	18.48	18.47		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	21.44	21.70	21.35		
10	QPSK	1	25	21.52	21.64	21.45	23	0
10	QPSK	1	49	21.37	21.59	21.33		
10	QPSK	25	0	21.22	21.39	21.41		
10	QPSK	25	12	21.44	21.41	21.31	23	0
10	QPSK	25	25	21.28	21.44	21.35		
10	QPSK	50	0	21.44	21.26	21.39		
10	16QAM	1	0	21.22	21.48	21.28		
10	16QAM	1	25	21.32	21.44	21.34	23	0
10	16QAM	1	49	21.39	21.51	21.55		
10	16QAM	25	0	21.25	21.39	21.33		
10	16QAM	25	12	21.09	21.16	21.24	23	0
10	16QAM	25	25	21.12	21.22	21.22		
10	16Q

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	21.39	21.52	21.40	22.5	0
20	QPSK	1	49	21.30	21.33	21.34		
20	QPSK	1	99	21.24	21.40	21.33		
20	QPSK	50	0	21.22	21.48	21.27	22.5	0
20	QPSK	50	24	21.20	21.38	21.33		
20	QPSK	50	50	21.33	21.46	21.34		
20	QPSK	100	0	21.24	21.39	21.22		
20	16QAM	1	0	21.32	21.44	21.39	22.5	0
20	16QAM	1	49	21.29	21.43	21.26		
20	16QAM	1	99	21.26	21.43	21.28		
20	16QAM	50	0	21.27	21.37	21.33	22.5	0
20	16QAM	50	24	21.26	21.35	21.32		
20	16QAM	50	50	21.35	21.45	21.35		
20	16QAM	100	0	21.31	21.42	21.27		
20	64QAM	1	0	21.30	21.38	21.35	22.5	0
20	64QAM	1	49	21.38	21.43	21.38		
20	64QAM	1	99	21.21	21.37	21.27		
20	64QAM	50	0	20.92	21.09	20.82	22	0.5
20	64QAM	50	24	20.84	21.00	20.80		
20	64QAM	50	50	20.78	20.87	20.92		
20	64QAM	100	0	20.79	20.80	20.77		
20	256QAM	1	0	18.95	19.02	18.90	20	2.5
20	256QAM	1	49	18.83	18.92	18.78		
20	256QAM	1	99	18.94	19.04	18.99		
20	256QAM	50	0	18.84	18.77	18.78	20	2.5
20	256QAM	50	24	18.70	18.82	18.82		
20	256QAM	50	50	18.78	18.87	18.91		
20	256QAM	100	0	18.67	18.94	18.91		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	21.25	21.43	21.36	22.5	0
15	QPSK	1	37	21.21	21.20	21.24		
15	QPSK	1	74	21.06	21.27	21.13		
15	QPSK	36	0	21.21	21.32	21.21	22.5	0
15	QPSK	36	20	21.14	21.37	21.17		
15	QPSK	36	39	21.34	21.32	21.33		
15	QPSK	75	0	21.11	21.38	21.17		
15	16QAM	1	0	21.11	21.38	21.37	22.5	0
15	16QAM	1	37	21.24	21.41	21.25		
15	16QAM	1	74	21.23	21.38	21.16		
15	16QAM	36	0	21.19	21.22	21.35	22.5	0
15	16QAM	36	20	21.20	21.31	21.23		
15	16QAM	36	39	21.36	21.26	21.23		
15	16QAM	75	0	21.16	21.44	21.13		
15	64QAM	1	0	21.18	21.34	21.37	22.5	0
15	64QAM	1	37	21.27	21.38	21.38		
15	64QAM	1	74	21.20	21.16	21.18		
15	64QAM	36	0	20.78	21.04	20.73	22	0.5
15	64QAM	36	20	20.67	20.82	20.63		
15	64QAM	36	39	20.74	20.75	20.79		
15	64QAM	75	0	20.60	20.74	20.68		
15	256QAM	1	0	18.89	18.92	18.89	20	2.5
15	256QAM	1	37	18.62	18.74	18.74		
15	256QAM	1	74	18.74	18.99	18.83		
15	256QAM	36	0	18.80	18.61	18.69	20	2.5
15	256QAM	36	20	18.49	18.69	18.74		
15	256QAM	36	39	18.73	18.75	18.79		
15	256QAM	75	0	18.61	18.88	18.91		
Channel				37600	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	21.19	21.37	21.38	22.5	0
10	QPSK	1	25	21.09	21.26	21.28		
10	QPSK	1	49	21.11	21.29	21.20		
10	QPSK	25	0	21.13	21.45	21.09	22.5	0
10	QPSK	25	12	21.11	21.35	21.35		
10	QPSK	25	25	21.14	21.28	21.16		
10	QPSK	50	0	21.05	21.35	21.02		
10	16QAM	1	0	21.22	21.28	21.31	22.5	0
10	16QAM	1	25	21.12	21.32	21.20		
10	16QAM	1	49	21.25	21.34	21.27		
10	16QAM	25	0	21.27	21.29	21.18	22.5	0
10	16QAM	25	12	21.14	21.34	21.15		
10	16QAM	25	25	21.22	21.35	21.20		
10	16QAM	50	0	21.30	21.20	21.08		
10	64QAM	1	0	21.18	21.36	21.30	22.5	0
10	64QAM	1	25	21.35	21.44	21.17		
10	64QAM	1	49	21.02	21.29	21.15		
10	64QAM	25	0	20.75	20.94	20.80	22	0.5
10	64QAM	25	12	20.76	20.88	20.78		
10	64QAM	25	25	20.70	20.65	20.86		
10	64QAM	50	0	20.61	20.63	20.66		
10	256QAM	1	0	18.95	19.03	18.73	20	2.5
10	256QAM	1	25	18.72	18.82	18.67		
10	256QAM	1	49	18.75	18.86	18.80		
10	256QAM	25	0	18.66	18.68	18.58	20	2.5
10	256QAM	25	12	18.54	18.76	18.64		
10	256QAM	25	25	18.66	18.67	18.82		
10	256QAM	50	0	18.53	18.76	18.76		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	21.39	21.49	21.41	22.5	0
5	QPSK	1	12	21.30	21.16	21.19		
5	QPSK	1	24	21.23	21.18	21.25		
5	QPSK	12	0	21.07	21.38	21.22	22.5	0
5	QPSK	12	7	21.01	21.37	21.28		
5	QPSK	12	13	21.27	21.41	21.16		
5	QPSK	25	0	21.25	21.33	21.02		
5	16QAM	1	0	21.18	21.25	21.41	22.5	0
5	16QAM	1	12	21.16	21.26	21.26		
5	16QAM	1	24	21.25	21.31	21.20		
5	16QAM	12	0	21.28	21.32	21.33	22.5	0
5	16QAM	12	7	21.10	21.26	21.24		
5	16QAM	12	13	21.16	21.24	21.16		
5	16QAM	25	0	21.14	21.39	21.24		
5	64QAM	1	0	21.25	21.37	21.30	22.5	0
5	64QAM	1	12	21.20	21.29	21.38		
5	64QAM	1	24	21.23	21.37	21.18		
5	64QAM	12	0	20.85	21.02	20.83	22	0.5
5	64QAM	12	7	20.71	21.00	20.64		
5	64QAM	12	13	20.74	20.88	20.91		
5	64QAM	25	0	20.60	20.79	20.64		
5	256QAM	1	0	18.75	18.88	18.75	20	2.5
5	256QAM	1	12	18.62	18.72	18.71		
5	256QAM	1	24	18.82	19.05	18.87		
5	256QAM	12	0	18.66	18.75	18.77	20	2.5
5	256QAM	12	7	18.63	18.68	18.77		
5	256QAM	12	13	18.80	18.66	18.86		
5	256QAM	25	0	18.57	18.90	18.72		

Band 41 Ant3 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2508	2549.5	2593	2636.5	2680		
20	QPSK	1	0	21.59	21.52	21.67	21.66	21.64	22.5	0
20	QPSK	1	49	21.46	21.51	21.58	21.49	21.48		
20	QPSK	1	99	21.52	21.53	21.60	21.45	21.53		
20	QPSK	50	0	21.45	21.32	21.61	21.52	21.56	22.5	0
20	QPSK	50	24	21.26	21.49	21.57	21.48	21.36		
20	QPSK	50	50	21.34	21.36	21.51	21.46	21.46		
20	QPSK	100	0	21.45	21.39	21.58	21.52	21.44		
20	16QAM	1	0	21.38	21.37	21.45	21.48	21.39	22.5	0
20	16QAM	1	49	21.42	21.37	21.64	21.50	21.66		
20	16QAM	1	99	21.46	21.52	21.44	21.49	21.35		
20	16QAM	50	0	21.43	21.46	21.55	21.37	21.32	22.5	0
20	16QAM	50	24	21.49	21.46	21.60	21.57	21.48		
20	16QAM	50	50	21.41	21.49	21.50	21.38	21.28		
20	16QAM	100	0	21.46	21.31	21.53	21.43	21.43		
20	64QAM	1	0	21.45	21.38	21.55	21.64	21.53	22.5	0
20	64QAM	1	49	21.31	21.37	21.59	21.34	21.44		
20	64QAM	1	99	21.30	21.48	21.52	21.35	21.49		
20	64QAM	50	0	20.97	20.90	21.01	21.07	21.06	22	0.5
20	64QAM	50	24	20.79	20.68	20.95	20.88	20.82		
20	64QAM	50	50	20.81	20.89	20.86	20.89	20.74		
20	64QAM	100	0	20.91	20.89	21.03	20.98	20.99		
20	256QAM	1	0	18.98	18.85	19.05	18.81	18.92	20	2.5
20	256QAM	1	49	18.63	18.91	18.92	18.99	18.91		
20	256QAM	1	99	18.82	18.84	18.94	18.81	18.85		
20	256QAM	50	0	18.90	18.92	18.98	18.84	18.87	20	2.5
20	256QAM	50	24	18.75	18.89	18.95	18.72	18.68		
20	256QAM	50	50	18.92	18.80	18.87	18.84	18.87		
20	256QAM	100	0	18.79	18.96	18.83	18.89	18.80		
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	21.45	21.33	21.55	21.55	21.47	23	0
15	QPSK	1	37	21.26	21.52	21.44	21.49	21.33		
15	QPSK	1	74	21.38	21.37	21.58	21.36	21.44		
15	QPSK	36	0	21.28	21.24	21.53	21.39	21.41	22.5	0
15	QPSK	36	20	21.28	21.35	21.59	21.27	21.34		
15	QPSK	36	39	21.33	21.31	21.32	21.41	21.31		
15	QPSK	75	0	21.40	21.33	21.39	21.47	21.26		
15	16QAM	1	0	21.29	21.29	21.45	21.27	21.20	22.5	0
15	16QAM	1	37	21.37	21.38	21.42	21.50	21.62		
15	16QAM	1	74	21.41	21.47	21.37	21.42	21.14		
15	16QAM	36	0	21.37	21.27	21.38	21.27	21.33	22.5	0
15	16QAM	36	20	21.28	21.42	21.60	21.38	21.28		
15	16QAM	36	39	21.32	21.38	21.41	21.18	21.18		
15	16QAM	75	0	21.48	21.10	21.42	21.31	21.30		
15	64QAM	1	0	21.26	21.26	21.49	21.53	21.41	22.5	0
15	64QAM	1	37	21.14	21.36	21.41	21.33	21.23		
15	64QAM	1	74	21.12	21.28	21.31	21.32	21.46		
15	64QAM	36	0	20.77	20.85	20.90	20.97	20.95	22	0.5
15	64QAM	36	20	20.64	20.63	20.97	20.78	20.76		
15	64QAM	36	39	20.82	20.85	20.66	20.74	20.53		
15	64QAM	75	0	20.70	20.72	20.82	20.87	21.00		
15	256QAM	1	0	18.85	18.75	19.05	18.76	18.74	20	2.5
15	256QAM	1	37	18.63	18.73	18.87	18.94	18.84		
15	256QAM	1	74	18.64	18.84	18.77	18.60	18.71		
15	256QAM	36	0	18.84	18.71	18.98	18.71	18.79	20	2.5
15	256QAM	36	20	18.70	18.91	18.90	18.73	18.65		
15	256QAM	36	39	18.93	18.69	18.81	18.70	18.69		
15	256QAM	75	0	18.61	18.86	18.66	18.89	18.64		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	21.44	21.33	21.53	21.56	21.66	22.50	0
10	QPSK	1	25	21.44	21.38	21.43	21.40	21.37		
10	QPSK	1	49	21.30	21.42	21.66	21.30	21.39		
10	QPSK	25	0	21.43	21.16	21.53	21.42	21.54	22.5	0
10	QPSK	25	12	21.15	21.48	21.38	21.45	21.17		
10	QPSK	25	25	21.13	21.32	21.47	21.35	21.37		
10	QPSK	50	0	21.33	21.35	21.30	21.52	21.38		
10	16QAM	1	0	21.37	21.24	21.25	21.40	21.21	22.5	0
10	16QAM	1	25	21.26	21.37	21.54	21.51	21.49		
10	16QAM	1	49	21.29	21.45	21.34	21.44	21.34		
10	16QAM	25	0	21.30	21.41	21.38	21.35	21.18	22.5	0
10	16QAM	25	12	21.47	21.31	21.49	21.44	21.37		
10	16QAM	25	25	21.34	21.38	21.47	21.36	21.27		
10	16QAM	50	0	21.48	21.10	21.46	21.30	21.39		
10	64QAM	1	0	21.43	21.30	21.41	21.63	21.34	22.5	0
10	64QAM	1	25	21.27	21.20	21.59	21.23	21.42		
10	64QAM	1	49	21.20	21.42	21.49	21.31	21.38		
10	64QAM	25	0	20.89	20.85	20.96	20.95	20.99	22	0.5
10	64QAM	25	12	20.62	20.55	20.80	20.87	20.77		
10	64QAM	25	25	20.70	20.77	20.77	20.89	20.68		
10	64QAM	50	0	20.82	20.88	20.84	20.85	20.99		
10	256QAM	1	0	18.86	18.79	18.85	18.76	18.73	20	2.5
10	256QAM	1	25	18.64	18.90	18.87	18.96	18.78		
10	256QAM	1	49	18.62	18.78	18.74	18.82	18.85		
10	256QAM	25	0	18.78	18.93	18.96	18.65	18.71	20	2.5
10	256QAM	25	12	18.68	18.81	18.96	18.55	18.59		
10	256QAM	25	25	18.85	18.69	18.76	18.63	18.85		
10	256QAM	50	0	18.77	18.92	18.74	18.86	18.60		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2546.8	2593	2640.30	2687.5		
5	QPSK	1	0	21.43	21.50	21.62	21.45	21.53	22.50	0
5	QPSK	1	12	21.31	21.43	21.41	21.29	21.38		
5	QPSK	1	24	21.48	21.49	21.62	21.46	21.51		
5	QPSK	12	0	21.28	21.21	21.55	21.44	21.48	22.5	0
5	QPSK	12	7	21.28	21.49	21.47	21.30	21.37		
5	QPSK	12	13	21.23	21.35	21.43	21.37	21.27		
5	QPSK	25	0	21.41	21.27	21.25	21.61	21.41		
5	16QAM	1	0	21.28	21.31	21.33	21.30	21.20	22.5	0
5	16QAM	1	12	21.38	21.17	21.52	21.31	21.56		
5	16QAM	1	24	21.47	21.51	21.38	21.31	21.25		
5	16QAM	12	0	21.38	21.30	21.50	21.37	21.30	22.5	0
5	16QAM	12	7	21.34	21.36	21.54	21.59	21.33		
5	16QAM	12	13	21.29	21.34	21.44	21.25	21.10		
5	16QAM	25	0	21.29	21.21	21.54	21.23	21.44		
5	64QAM	1	0	21.36	21.23	21.47	21.46	21.41	22.5	0
5	64QAM	1	12	21.31	21.30	21.41	21.30	21.44		
5	64QAM	1	24	21.16	21.41	21.50	21.32	21.36		
5	64QAM	12	0	20.95	20.78	20.79	21.05	20.98	22	0.5
5	64QAM	12	7	20.69	20.67	20.83	20.82	20.60		
5	64QAM	12	13	20.81	20.82	20.78	20.78	20.57		
5	64QAM	25	0	20.78	20.70	20.94	20.94	21.00		
5	256QAM	1	0	18.91	18.73	18.84	18.73	18.85	20	2.5
5	256QAM	1	12	18.65	18.85	18.92	18.88	18.89		
5	256QAM	1	24	18.69	18.66	18.91	18.75	18.66		
5	256QAM	12	0	18.70	18.84	18.97	18.71	18.77	20	2.5
5	256QAM	12	7	18.67	18.76	18.86	18.68	18.49		
5	256QAM	12	13	18.91	18.80	18.69	18.72	18.77		
5	256QAM	25	0	18.69	18.97	18.63	18.76	18.82		

Reduced Power Mode for DSI4

GSM850 Ant0 Default

GSM850	Burst Average Power (dBm)			Tune-up Limit	Frame-Average Power (dBm)			Tune-up Limit
TX Channel	128	189	251	(dBm)	128	189	251	(dBm)
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.98	33.06	33.03	34.00	23.98	24.06	24.03	25.00
GPRS 1 Tx slot	32.91	33.01	32.95	34.00	23.91	24.01	23.95	25.00
GPRS 2 Tx slots	29.80	29.98	29.85	31.00	23.80	23.98	23.85	25.00
GPRS 3 Tx slots	27.81	27.86	27.66	29.20	23.55	23.60	23.40	24.94
GPRS 4 Tx slots	26.63	26.66	26.58	28.00	23.63	23.66	23.56	25.00
EDGE 1 Tx slot	25.99	26.13	25.96	27.80	16.99	17.13	16.96	18.80
EDGE 2 Tx slots	22.97	23.09	22.93	24.80	16.97	17.09	16.93	18.80
EDGE 3 Tx slots	21.58	21.63	21.62	23.00	17.32	17.37	17.36	18.74
EDGE 4 Tx slots	20.01	20.06	19.96	21.80	17.01	17.06	16.96	18.80

WCDMA V Ant0 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	24.15	24.22	24.10	25.00
3GPP Rel 99	RMC 12.2Kbps	24.22	24.25	24.18	25.00
3GPP Rel 6	HSDPA Subtest-1	23.14	23.24	23.05	24.00
3GPP Rel 6	HSDPA Subtest-2	23.15	23.16	23.21	24.00
3GPP Rel 6	HSDPA Subtest-3	22.76	22.63	22.77	23.50
3GPP Rel 6	HSDPA Subtest-4	22.71	22.64	22.76	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	23.20	23.23	23.04	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	23.20	23.16	23.09	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	22.78	22.67	22.69	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	22.72	22.73	22.58	23.50
3GPP Rel 6	HSUPA Subtest-1	23.29	23.09	23.16	24.00
3GPP Rel 6	HSUPA Subtest-2	21.34	21.21	21.29	22.00
3GPP Rel 6	HSUPA Subtest-3	22.15	22.16	22.18	23.00
3GPP Rel 6	HSUPA Subtest-4	21.11	21.07	21.25	22.00
3GPP Rel 6	HSUPA Subtest-5	23.10	23.06	23.22	24.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.69	20.72	20.60	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	22.82	22.96	22.91		
20	QPSK	1	49	22.79	22.91	22.83	24.5	0
20	QPSK	1	99	22.77	22.87	22.78		
20	QPSK	50	0	21.85	21.95	21.88		
20	QPSK	50	24	21.77	21.89	21.77	23.5	1
20	QPSK	50	50	21.90	21.94	21.82		
20	QPSK	100	0	21.76	21.78	21.79		
20	16QAM	1	0	21.97	22.05	22.01		
20	16QAM	1	49	21.90	22.00	21.95	23.5	1
20	16QAM	1	99	21.84	21.96	21.85		
20	16QAM	50	0	20.89	20.95	20.90		
20	16QAM	50	24	20.77	20.89	20.82	22.5	2
20	16QAM	50	50	20.87	21.00	20.92		
20	16QAM	100	0	20.86	20.92	20.86		
20	64QAM	1	0	20.94	21.06	20.96		
20	64QAM	1	49	20.96	21.00	20.95	22.5	2
20	64QAM	1	99	20.87	21.00	20.94		
20	64QAM	50	0	19.89	20.04	19.92		
20	64QAM	50	24	19.76	19.88	19.91	21.5	3
20	64QAM	50	50	20.03	20.10	20.02		
20	64QAM	100	0	19.80	19.94	19.89		
20	256QAM	1	0	17.87	18.00	17.89		
20	256QAM	1	49	17.81	17.95	17.84	19.5	5
20	256QAM	1	99	17.76	17.90	17.81		
20	256QAM	50	0	17.82	17.85	17.79		
20	256QAM	50	24	17.76	17.79	17.84	19.5	5
20	256QAM	50	50	17.79	17.83	17.79		
20	256QAM	100	0	17.85	17.89	17.83		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.78	22.84	22.93		
15	QPSK	1	37	22.84	22.88	22.81	24.5	0
15	QPSK	1	74	22.79	22.76	22.84		
15	QPSK	36	0	21.91	21.88	21.86		
15	QPSK	36	20	21.75	21.84	21.75	23.5	1
15	QPSK	36	39	21.96	21.88	21.79		
15	QPSK	75	0	21.82	21.78	21.80		
15	16QAM	1	0	21.87	21.97	21.96		
15	16QAM	1	37	21.75	21.89	21.88	23.5	1
15	16QAM	1	74	21.77	21.82	21.81		
15	16QAM	36	0	20.77	20.91	20.83		
15	16QAM	36	20	20.79	20.85	20.77	22.5	2
15	16QAM	36	39	20.75	20.95	20.81		
15	16QAM	75	0	20.80	20.86	20.80		
15	64QAM	1	0	20.91	21.00	20.81		
15	64QAM	1	37	20.85	20.91	20.89	22.5	2
15	64QAM	1	74	20.75	20.96	20.88		
15	64QAM	36	0	19.84	19.98	19.89		
15	64QAM	36	20	19.84	19.89	19.79	21.5	3
15	64QAM	36	39	19.94	19.97	19.90		
15	64QAM	75	0	19.79	19.81	19.79		
15	256QAM	1	0	17.81	17.90	17.82		
15	256QAM	1	37	17.76	17.91	17.81	19.5	5
15	256QAM	1	74	17.81	17.95	17.81		
15	256QAM	36	0	17.78	17.99	17.81		
15	256QAM	36	20	17.90	17.86	17.76	19.5	5
15	256QAM	36	39	17.78	17.85	17.79		
15	256QAM	75	0	17.84	17.92	17.86		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.76	22.84	22.88		
10	QPSK	1	25	22.75	22.89	22.81	24.5	0
10	QPSK	1	49	22.79	22.88	22.77		
10	QPSK	25	0	21.85	21.92	21.87		
10	QPSK	25	12	21.76	21.93	21.78	23.5	1
10	QPSK	25	25	21.90	21.90	21.79		
10	QPSK	50	0	21.78	21.90	21.82		
10	16QAM	1	0	21.92	22.00	21.99		
10	16QAM	1	25	21.91	22.02	22.00	23.5	1
10	16QAM	1	49	21.92	21.91	21.83		
10	16QAM	25	0	20.90	20.99	20.86		
10	16QAM	25	12	20.83	20.86	20.78	22.5	2
10	16QAM	25	25	20.92	20.99	20.87		
10	16QAM	50	0	20.83	20.90	20.90		
10	64QAM	1	0	20.94	21.04	20.96		
10	64QAM	1	25	20.92	21.04	20.99	22.5	2
10	64QAM	1	49	20.92	21.01	21.00		
10	64QAM	25	0	19.98	20.10	19.90		
10	64QAM	25	12	19.98	19.99	19.90	21.5	3
10	64QAM	25	25	20.06	20.15	19.99		
10	64QAM	50	0	19.82	19.92	19.88		
10	256QAM	1	0	17.91	18.06	17.94		
10	256QAM	1	25	17.83	18.01	17.91	19.5	5
10	256QAM	1	49	17.83	17.98	17.97		
10	256QAM	25	0	17.78	17.97	17.86		
10	256QAM	25	12	17.83	17.90	17.78	19.5	5
10	256QAM	25	25	17.85	17.81	17.77		
10	256QAM	50	0	17.82	17.85	17.90		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.81	22.85	22.78		
5	QPSK	1	12	22.75	22.83	22.79	24.5	0
5	QPSK	1	24	22.80	22.75	22.78		
5	QPSK	12	0	21.88	21.88	21.92		
5	QPSK	12	7	21.75	21.81	21.82	23.5	1
5	QPSK	12	13	21.93	21.88	21.83		
5	QPSK	25	0	21.82	21.79	21.77		
5	16QAM	1	0	21.85	21.97	21.95		
5	16QAM	1	12	21.92	21.92	21.92	23.5	1
5	16QAM	1	24	21.77	21.93	21.77		
5	16QAM	12	0	20.82	20.89	20.87		
5	16QAM	12	7	20.85	20.82	20.79	22.5	2
5	16QAM	12	13	20.96	20.96	20.85		
5	16QAM	25	0	20.78	20.78	20.75		
5	64QAM	1	0	20.82	21.00	20.82		
5	64QAM	1	12	20.90	20.89	20.89	22.5	2
5	64QAM	1	24	20.75	20.90	20.89		
5	64QAM	12	0	19.78	19.95	19.84		
5	64QAM	12	7	19.81	19.89	19.77	21.5	3
5	64QAM	12	13	19.91	20.03	19.94		
5	64QAM	25	0	19.77	19.90	19.83		
5	256QAM	1	0	17.82	17.93	17.77		
5	256QAM	1	12	17.83	17.90	17.89	19.5	5
5	256QAM	1	24	17.79	17.93	17.85		
5	256QAM	12	0	17.78	17.90	17.79		
5	256QAM	12	7	17.84	17.91	17.78	19.5	5
5	256QAM	12	13	17.83	17.82	17.76		
5	256QAM	25	0	17.83	17.94	17.85		
Channel				19925	20175	20425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.75	22.83	22.83		
3	QPSK	1	8	22.80	22.83	22.81	24.5	0
3	QPSK	1	14	22.81	22.77	22.83		
3	QPSK	8	0	21.91	21.81	21.89		
3	QPSK	8	4	21.83	21.77	21.82	23.5	1
3	QPSK	8	7	21.93	21.89	21.86		
3	QPSK	15	0	21.94	21.80	21.84		
3	16QAM	1	0	21.86	22.01	21.98		
3	16QAM	1	8	21.84	21.91	21.81	23.5	1
3	16QAM	1	14	21.80	21.85	21.77		
3	16QAM	8	0	20.84	20.91	20.86		
3	16QAM	8	4	20.79	20.75	20.79	22.5	2
3	16QAM	8	7	20.84	20.91	20.84		
3	16QAM	15	0	20.80	20.77	20.82		
3	64QAM	1	0	20.81	20.97	20.93		
3	64QAM	1	8	20.87	20.96	20.85	22.5	2
3	64QAM	1	14	20.84	20.87	20.83		
3	64QAM	8	0	19.75	20.00	19.88		
3	64QAM	8	4	19.88	19.93	19.77	21.5	3
3	64QAM	8	7	19.89	20.01	19.87		
3	64QAM	15	0	19.77	19.85	19.82		
3	256QAM	1	0	17.82	17.96	17.78		
3	256QAM	1	8	17.79	17.92	17.86	19.5	5
3	256QAM	1	14	17.80	17.88	17.85		
3	256QAM	8	0	17.86	17.99	17.83		
3	256QAM	8	4	17.88	17.87	17.80	19.5	5
3	256QAM	8	7	17.79	17.81	17.77		
3	256QAM	15	0	17.92	17.94	17.81		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.83	22.91	22.85		
1.4	QPSK	1	3	22.85	22.85	22.79		
1.4	QPSK	1	5	22.80	22.84	22.82	24.5	0
1.4	QPSK	3	0	22.85	22.90	22.85		
1.4	QPSK	3	1	22.83	22.81	22.78		
1.4	QPSK	3	3	22.93	22.86	22.84		
1.4	QPSK	6	0	21.90	21.83	21.75	23.5	1
1.4	16QAM	1	0	21.99	22.01	21.97		
1.4	16QAM	1	3	21.89	21.89	22.00		
1.4	16QAM	1	5	21.90	21.83	21.90	23.5	1
1.4	16QAM	3	0	21.91	21.88	21.87		
1.4	16QAM	3	1	21.75	21.84	21.80		
1.4	16QAM	3	3	21.83	21.86	21.89		
1.4	16QAM	6	0	20.89	20.78	20.93	22.5	2
1.4	64QAM	1	0	21.01	21.03	20.92		
1.4	64QAM	1	3	21.02	20.89	20.90		
1.4	64QAM	1	5	20.88	20.96	20.93	22.5	2
1.4	64QAM	3	0	20.84	20.97	20.88		
1.4	64QAM	3	1	20.94	20.87	20.98		
1.4	64QAM	3	3	21.07	21.04	21.09		
1.4	64QAM	6	0	19.84	19.81	19.93	21.5	3
1.4	256QAM	1	0	17.93	17.88	17.96		
1.4	256QAM	1	3	17.85	17.88	17.83		
1.4	256QAM	1	5	17.81	17.77	17.86	19.5	5
1.4	256QAM	3	0	17.84	17.81	17.85		
1.4	256QAM	3	1	17.83	17.76	17.80		
1.4	256QAM	3	3	17.81	17.83	17.77		
1.4	256QAM	6	0	17.84	17.77	17.87	19.5	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	25.01	24.95		
10	QPSK	1	25	24.83	24.94	24.91	25.7	0
10	QPSK	1	49	24.78	24.83	24.74		
10	QPSK	25	0	23.95	24.05	23.92		
10	QPSK	25	12	23.89	24.02	23.97	24.7	1
10	QPSK	25	25	23.86	23.98	23.91		
10	QPSK	50	0	23.98	24.03	23.90		
10	16QAM	1	0	24.00	24.10	23.96		
10	16QAM	1	25	23.98	24.04	23.96	24.7	1
10	16QAM	1	49	23.81	23.94	23.81		
10	16QAM	25	0	23.13	23.17	23.12		
10	16QAM	25	12	23.04	23.12	23.06	23.7	2
10	16QAM	25	25	22.93	23.03	22.88		
10	16QAM	50	0	23.03	23.07	23.03		
10	64QAM	1	0	23.06	23.17	23.03		
10	64QAM	1	25	23.03	23.14	23.02	23.7	2
10	64QAM	1	49	22.94	23.00	22.90		
10	64QAM	25	0	22.08	22.21	22.08		
10	64QAM	25	12	22.10	22.21	22.18	22.7	3
10	64QAM	25	25	21.99	22.11	22.02		
10	64QAM	50	0	22.05	22.12	21.98		
10	256QAM	1	0	19.99	20.14	20.01		
10	256QAM	1	25	19.96	20.08	19.96	20.7	5
10	256QAM	1	49	19.88	20.00	19.89		
10	256QAM	25	0	20.01	20.05	20.02		
10	256QAM	25	12	19.93	20.00	19.93	20.7	5
10	256QAM	25	25	19.82	19.96	19.89		
10	256QAM	50	0	19.90	19.99	19.93		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	24.84	24.96	24.83		
5	QPSK	1	12	24.80	24.80	24.88	25.7	0
5	QPSK	1	24	24.69	24.72	24.62		
5	QPSK	12	0	23.92	23.99	23.82		
5	QPSK	12	7	23.78	23.97	23.94	24.7	1
5	QPSK	12	13	23.78	23.93	23.87		
5	QPSK	25	0	23.86	23.97	23.82		
5	16QAM	1	0	23.96	24.07	23.88		
5	16QAM	1	12	23.88	23.93	23.82	24.7	1
5	16QAM	1	24	23.69	23.89	23.74		
5	16QAM	12	0	23.00	23.11	22.99		
5	16QAM	12	7	22.96	23.02	23.01	23.7	2
5	16QAM	12	13	22.84	22.99	22.84		
5	16QAM	25	0	22.90	22.98	22.91		
5	64QAM	1	0	22.94	23.09	22.93		
5	64QAM	1	12	22.94	23.04	22.97	23.7	2
5	64QAM	1	24	22.88	22.89	22.83		
5	64QAM	12	0	22.02	22.07	21.96		
5	64QAM	12	7	21.96	22.13	22.05	22.7	3
5	64QAM	12	13	21.94	21.97	21.93		
5	64QAM	25	0	21.91	22.06	21.92		
5	256QAM	1	0	19.93	20.05	19.89		
5	256QAM	1	12	19.94	19.98	19.84	20.7	5
5	256QAM	1	24	19.78	19.97	19.75		
5	256QAM	12	0	19.94	19.98	19.96		
5	256QAM	12	7	19.84	19.88	19.80	20.7	5
5	256QAM	12	13	19.76	19.89	19.86		
5	256QAM	25	0	19.78	19.85	19.87		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				823.5	836.5	847.5		
3	QPSK	1	0	24.85	24.91	24.91		
3	QPSK	1	8	24.69	24.81	24.83	25.7	0
3	QPSK	1	14	24.63	24.79	24.64		
3	QPSK	8	0	23.88	23.90	23.85		
3	QPSK	8	4	23.81	23.90	23.83	24.7	1
3	QPSK	8	7	23.80	23.92	23.78		
3	QPSK	15	0	23.87	23.88	23.76		
3	16QAM	1	0	23.88	24.06	23.87		
3	16QAM	1	8	23.91	23.91	23.86	24.7	1
3	16QAM	1	14	23.68	23.86	23.77		
3	16QAM	8	0	23.05	23.06	23.05		
3	16QAM	8	4	22.97	23.00	22.96	23.7	2
3	16QAM	8	7	22.83	22.97	22.82		
3	16QAM	15	0	22.92	22.96	22.93		
3	64QAM	1	0	22.92	23.11	22.96		
3	64QAM	1	8	22.97	23.08	22.90	23.7	2
3	64QAM	1	14	22.89	22.88	22.75		
3	64QAM	8	0	22.02	22.07	21.97		
3	64QAM	8	4	22.05	22.08	22.05	22.7	3
3	64QAM	8	7	21.95	22.01	21.90		
3	64QAM	15	0	21.95	21.99	21.95		
3	256QAM	1	0	18.06	18.07	17.97		
3	256QAM	1	8	19.90	20.00	19.85	20.7	5
3	256QAM	1	14	19.79	19.94	19.85		
3	256QAM	8	0	19.95	20.02	19.95		
3	256QAM	8	4	19.86	19.92	19.86	20.7	5
3	256QAM	8	7	19.76	19.84	19.76		
3	256QAM	15	0	19.85	19.95	19.83		
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	24.93	24.85		
1.4	QPSK	1	3	24.72	24.91	24.82		
1.4	QPSK	1	5	24.74	24.77	24.64	25.7	0
1.4	QPSK	3	0	24.82	24.96	24.88		
1.4	QPSK	3	1	24.80	24.93	24.93		
1.4	QPSK	3	3	24.80	24.91	24.88		
1.4	QPSK	6	0	23.94	23.98	23.84	24.7	1
1.4	16QAM	1	0	23.94	24.02	23.92		
1.4	16QAM	1	3	23.88	23.91	23.85		
1.4	16QAM	1	5	23.75	23.89	23.71	24.7	1
1.4	16QAM	3	0	24.05	24.13	24.05		
1.4	16QAM	3	1	23.96	24.08	23.97		
1.4	16QAM	3	3	24.00	24.00	23.79		
1.4	16QAM	6	0	22.95	23.00	22.95	23.7	2
1.4	64QAM	1	0	22.98	23.07	22.99		
1.4	64QAM	1	3	22.93	23.01	22.95		
1.4	64QAM	1	5	22.89	22.96	22.77	23.7	2
1.4	64QAM	3	0	22.97	23.08	23.00		
1.4	64QAM	3	1	22.98	23.13	23.07		
1.4	64QAM	3	3	22.94	23.01	22.87		
1.4	64QAM	6	0	22.00	22.08	21.92	22.7	3
1.4	256QAM	1	0	19.95	20.02	19.92		
1.4	256QAM	1	3	19.90	19.97	19.84		
1.4	256QAM	1	5	19.81	19.88	19.85	20.7	5
1.4	256QAM	3	0	19.91	19.90	19.90		
1.4	256QAM	3	1	19.88	19.89	19.88		
1.4	256QAM	3	3	19.75	19.88	19.79		
1.4	256QAM	6	0	19.79	19.87	19.88	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	23.13	23.21	23.18		
20	QPSK	1	49	23.11	23.20	23.15	24.5	0
20	QPSK	1	99	23.09	23.01	22.95		
20	QPSK	50	0	22.07	22.17	22.11		
20	QPSK	50	24	22.10	22.14	22.03	23.5	1
20	QPSK	50	50	21.98	22.09	22.06		
20	QPSK	100	0	22.02	22.08	22.04		
20	16QAM	1	0	22.31	22.40	22.31		
20	16QAM	1	49	22.20	22.28	22.20	23.5	1
20	16QAM	1	99	22.24	22.30	22.25		
20	16QAM	50	0	21.16	21.10	21.11		
20	16QAM	50	24	20.96	21.07	20.97	22.5	2
20	16QAM	50	50	20.99	21.07	21.03		
20	16QAM	100	0	20.99	21.14	21.06		
20	64QAM	1	0	21.12	21.26	21.17		
20	64QAM	1	49	21.04	21.12	21.01	22.5	2
20	64QAM	1	99	20.98	21.11	21.02		
20	64QAM	50	0	20.15	20.22	20.16		
20	64QAM	50	24	20.00	20.10	19.96	21.5	3
20	64QAM	50	50	20.05	20.09	19.95		
20	64QAM	100	0	20.12	20.17	20.06		
20	256QAM	1	0	18.11	18.16	18.08		
20	256QAM	1	49	17.93	18.02	17.88	19.5	5
20	256QAM	1	99	17.93	18.01	17.97		
20	256QAM	50	0	18.18	18.27	18.19		
20	256QAM	50	24	18.11	18.23	18.18	19.5	5
20	256QAM	50	50	18.09	18.15	18.01		
20	256QAM	100	0	18.14	18.18	18.09		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	22.99	23.14	23.11		
15	QPSK	1	37	23.01	23.14	23.06	24.5	0
15	QPSK	1	74	22.81	22.94	22.82		
15	QPSK	36	0	21.97	22.03	22.02		
15	QPSK	36	20	22.03	22.10	21.97	23.5	1
15	QPSK	36	39	21.87	21.97	22.03		
15	QPSK	75	0	21.93	22.03	21.99		
15	16QAM	1	0	22.19	22.30	22.23		
15	16QAM	1	37	22.05	22.19	22.12	23.5	1
15	16QAM	1	74	22.17	22.23	22.10		
15	16QAM	36	0	21.08	21.17	20.99		
15	16QAM	36	20	20.91	20.97	20.86	22.5	2
15	16QAM	36	39	20.93	21.02	20.96		
15	16QAM	75	0	20.91	21.01	20.91		
15	64QAM	1	0	21.08	21.21	21.11		
15	64QAM	1	37	20.91	21.06	20.93	22.5	2
15	64QAM	1	74	20.86	21.05	20.95		
15	64QAM	36	0	20.09	20.10	20.05		
15	64QAM	36	20	19.89	19.97	19.88	21.5	3
15	64QAM	36	39	19.99	20.06	19.82		
15	64QAM	75	0	20.05	20.11	19.99		
15	256QAM	1	0	17.97	18.11	18.04		
15	256QAM	1	37	17.81	17.92	17.80	19.5	5
15	256QAM	1	74	17.83	17.86	17.94		
15	256QAM	36	0	18.06	18.21	18.12		
15	256QAM	36	20	18.03	18.10	18.13	19.5	5
15	256QAM	36	39	17.97	18.14	17.94		
15	256QAM	75	0	18.04	18.13	17.99		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	23.03	23.16	23.10		
10	QPSK	1	25	23.00	23.12	23.02	24.5	0
10	QPSK	1	49	22.81	22.92	22.88		
10	QPSK	25	0	22.00	22.03	22.03		
10	QPSK	25	12	21.99	22.03	21.93	23.5	1
10	QPSK	25	25	21.89	22.03	21.94		
10	QPSK	50	0	21.98	21.94	22.00		
10	16QAM	1	0	22.16	22.29	22.22		
10	16QAM	1	25	22.07	22.16	22.09	23.5	1
10	16QAM	1	49	22.

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BW [MHz]	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	22.58	22.67	22.64	24	0
20	QPSK	1	49	22.52	22.64	22.57		
20	QPSK	1	99	22.55	22.66	22.53		
20	QPSK	50	0	21.71	21.77	21.72	23	1
20	QPSK	50	24	21.66	21.71	21.60		
20	QPSK	50	50	21.61	21.64	21.55		
20	QPSK	100	0	21.65	21.69	21.62		
20	16QAM	1	0	21.59	21.70	21.63	23	1
20	16QAM	1	49	21.57	21.69	21.63		
20	16QAM	1	99	21.55	21.66	21.60		
20	16QAM	50	0	20.71	20.84	20.70	22	2
20	16QAM	50	24	20.65	20.74	20.64		
20	16QAM	50	50	20.60	20.70	20.59		
20	16QAM	100	0	20.58	20.67	20.55		
20	64QAM	1	0	20.61	20.73	20.63	22	2
20	64QAM	1	49	20.53	20.68	20.54		
20	64QAM	1	99	20.58	20.67	20.61		
20	64QAM	50	0	19.75	19.87	19.82	21	3
20	64QAM	50	24	19.67	19.79	19.69		
20	64QAM	50	50	19.67	19.78	19.64		
20	64QAM	100	0	19.54	19.64	19.54		
20	256QAM	1	0	17.63	17.77	17.68	19	5
20	256QAM	1	49	17.55	17.65	17.60		
20	256QAM	1	99	17.58	17.67	17.60		
20	256QAM	50	0	17.79	17.89	17.77	19	5
20	256QAM	50	24	17.67	17.76	17.72		
20	256QAM	50	50	17.70	17.78	17.73		
20	256QAM	100	0	17.74	17.84	17.71		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.50	22.61	22.52	24	0
15	QPSK	1	37	22.40	22.57	22.47		
15	QPSK	1	74	22.43	22.55	22.44		
15	QPSK	36	0	21.56	21.66	21.63	23	1
15	QPSK	36	20	21.59	21.63	21.50		
15	QPSK	36	39	21.50	21.51	21.41		
15	QPSK	75	0	21.58	21.59	21.52		
15	16QAM	1	0	21.53	21.64	21.52	23	1
15	16QAM	1	37	21.48	21.65	21.55		
15	16QAM	1	74	21.47	21.59	21.46		
15	16QAM	36	0	20.64	20.74	20.57	22	2
15	16QAM	36	20	20.52	20.66	20.52		
15	16QAM	36	39	20.52	20.58	20.53		
15	16QAM	75	0	20.53	20.56	20.50		
15	64QAM	1	0	20.57	20.60	20.58	22	2
15	64QAM	1	37	20.42	20.56	20.46		
15	64QAM	1	74	20.43	20.58	20.52		
15	64QAM	36	0	19.66	19.76	19.67	21	3
15	64QAM	36	20	19.53	19.69	19.58		
15	64QAM	36	39	19.56	19.64	19.58		
15	64QAM	75	0	19.41	19.54	19.39		
15	256QAM	1	0	17.66	17.79	17.69	19	5
15	256QAM	1	37	17.51	17.65	17.54		
15	256QAM	1	74	17.52	17.71	17.64		
15	256QAM	36	0	17.81	17.88	17.83	19	5
15	256QAM	36	20	17.69	17.77	17.75		
15	256QAM	36	39	17.64	17.80	17.69		
15	256QAM	75	0	17.70	17.81	17.73		
Channel				37600	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.45	22.56	22.52	24	0
10	QPSK	1	25	22.45	22.58	22.48		
10	QPSK	1	49	22.42	22.55	22.45		
10	QPSK	25	0	21.61	21.66	21.64	23	1
10	QPSK	25	12	21.63	21.60	21.55		
10	QPSK	25	25	21.56	21.49	21.48		
10	QPSK	50	0	21.59	21.63	21.48		
10	16QAM	1	0	21.52	21.62	21.51	23	1
10	16QAM	1	25	21.48	21.60	21.53		
10	16QAM	1	49	21.51	21.55	21.54		
10	16QAM	25	0	20.66	20.73	20.62	22	2
10	16QAM	25	12	20.50	20.66	20.58		
10	16QAM	25	25	20.56	20.57	20.47		
10	16QAM	50	0	20.52	20.59	20.47		
10	64QAM	1	0	20.48	20.70	20.58	22	2
10	64QAM	1	25	20.41	20.62	20.49		
10	64QAM	1	49	20.47	20.56	20.54		
10	64QAM	25	0	19.64	19.74	19.78	21	3
10	64QAM	25	12	19.61	19.70	19.60		
10	64QAM	25	25	19.61	19.64	19.52		
10	64QAM	50	0	19.42	19.55	19.42		
10	256QAM	1	0	17.58	17.73	17.67	19	5
10	256QAM	1	25	17.60	17.62	17.61		
10	256QAM	1	49	17.55	17.66	17.57		
10	256QAM	25	0	17.76	17.86	17.73	19	5
10	256QAM	25	12	17.70	17.72	17.70		
10	256QAM	25	25	17.74	17.87	17.69		
10	256QAM	50	0	17.74	17.87	17.67		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.45	22.56	22.52	24	0
5	QPSK	1	12	22.48	22.58	22.42		
5	QPSK	1	24	22.50	22.60	22.48		
5	QPSK	12	0	21.64	21.67	21.68	23	1
5	QPSK	12	7	21.52	21.66	21.49		
5	QPSK	12	13	21.48	21.60	21.50		
5	QPSK	25	0	21.53	21.63	21.59		
5	16QAM	1	0	21.45	21.67	21.57	23	1
5	16QAM	1	12	21.43	21.58	21.51		
5	16QAM	1	24	21.49	21.63	21.49		
5	16QAM	12	0	20.65	20.75	20.66	22	2
5	16QAM	12	7	20.61	20.65	20.55		
5	16QAM	12	13	20.48	20.62	20.53		
5	16QAM	25	0	20.44	20.61	20.40		
5	64QAM	1	0	20.50	20.65	20.52	22	2
5	64QAM	1	12	20.41	20.58	20.45		
5	64QAM	1	24	20.54	20.62	20.49		
5	64QAM	12	0	19.64	19.74	19.77	21	3
5	64QAM	12	7	19.57	19.73	19.65		
5	64QAM	12	13	19.61	19.67	19.53		
5	64QAM	25	0	19.51	19.49	19.50		
5	256QAM	1	0	17.64	17.82	17.67	19	5
5	256QAM	1	12	17.50	17.61	17.61		
5	256QAM	1	24	17.64	17.61	17.61		
5	256QAM	12	0	17.85	17.94	17.78	19	5
5	256QAM	12	7	17.66	17.74	17.77		
5	256QAM	12	13	17.71	17.74	17.68		
5	256QAM	25	0	17.79	17.84	17.70		

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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	22.85	22.72	22.93	22.81	22.76	24.5	0
20	QPSK	1	49	22.83	22.81	22.86	22.80	22.74		
20	QPSK	1	99	22.65	22.64	22.75	22.70	22.68		
20	QPSK	50	0	21.77	21.84	21.88	21.80	21.85	23.5	1
20	QPSK	50	24	21.71	21.87	21.78	21.64	21.71		
20	QPSK	50	50	21.69	21.77	21.81	21.68	21.74		
20	QPSK	100	0	21.70	21.75	21.84	21.75	21.75		
20	16QAM	1	0	21.91	21.91	21.95	21.88	21.94	23.5	1
20	16QAM	1	49	21.70	21.70	21.83	21.77	21.69		
20	16QAM	1	99	21.71	21.68	21.80	21.67	21.76		
20	16QAM	50	0	20.86	20.78	20.91	20.83	20.87	22.5	2
20	16QAM	50	24	20.74	20.67	20.78	20.74	20.68		
20	16QAM	50	50	20.66	20.75	20.79	20.67	20.64		
20	16QAM	100	0	20.83	20.76	20.89	20.84	20.84		
20	64QAM	1	0	20.89	20.92	20.95	20.86	20.82	22.5	2
20	64QAM	1	49	20.80	20.83	20.87	20.74	20.83		
20	64QAM	1	99	20.72	20.76	20.79	20.65	20.70		
20	64QAM	50	0	19.83	19.90	19.97	19.91	19.86	21.5	3
20	64QAM	50	24	19.69	19.70	19.76	19.67	19.66		
20	64QAM	50	50	19.74	19.72	19.80	19.69	19.66		
20	64QAM	100	0	19.80	19.73	19.86	19.76	19.81		
20	256QAM	1	0	17.79	17.76	17.84	17.74	17.69	19.5	5
20	256QAM	1	49	17.65	17.67	17.72	17.65	17.68		
20	256QAM	1	99	17.68	17.67	17.76	17.65	17.64		
20	256QAM	50	0	17.77	17.77	17.89	17.83	17.82	19.5	5
20	256QAM	50	24	17.69	17.74	17.82	17.78	17.69		
20	256QAM	50	50	17.69	17.71	17.76	17.69	17.75		
20	256QAM	100	0	17.82	17.71	17.86	17.71	17.82		
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	22.77	22.68	22.87	22.76	22.73	25	0
15	QPSK	1	37	22.74	22.74	22.78	22.68	22.63		
15	QPSK	1	74	22.61	22.60	22.62	22.56	22.53		
15	QPSK	36	0	21.63	21.76	21.75	21.74	21.80	23.5	1
15	QPSK	36	20	21.59	21.54	21.68	21.54	21.63		
15	QPSK	36	39	21.65	21.67	21.71	21.60	21.63		
15	QPSK	75	0	21.60	21.68	21.75	21.65	21.61		
15	16QAM	1	0	21.85	21.80	21.82	21.81	21.75	23.5	1
15	16QAM	1	37	21.56	21.63	21.71	21.67	21.57		
15	16QAM	1	74	21.60	21.62	21.69	21.56	21.64		
15	16QAM	36	0	20.78	20.73	20.85	20.73	20.75	22.5	2
15	16QAM	36	20	20.68	20.60	20.66	20.65	20.58		
15	16QAM	36	39	20.55	20.61	20.66	20.62	20.57		
15	16QAM	75	0	20.69	20.71	20.76	20.80	20.70		
15	64QAM	1	0	20.82	20.84	20.86	20.77	20.74	22.5	2
15	64QAM	1	37	20.68	20.70	20.79	20.66	20.74		
15	64QAM	1	74	20.61	20.64	20.68	20.53	20.62		
15	64QAM	36	0	19.78	19.77	19.83	19.85	19.74	21.5	3
15	64QAM	36	20	19.54	19.62	19.65	19.57	19.61		
15	64QAM	36	39	19.62	19.58	19.75	19.64	19.53		
15	64QAM	75	0	19.73	19.67	19.80	19.70	19.73		
15	256QAM	1	0	17.68	17.69	17.79	17.61	17.60	19.5	5
15	256QAM	1	37	17.61	17.56	17.62	17.58	17.61		
15	256QAM	1	74	17.62	17.56	17.62	17.55	17.60		
15	256QAM	36	0	17.66	17.72	17.86	17.80	17.68	19.5	5
15	256QAM	36	20	17.60	17.63	17.72	17.66	17.63		
15	256QAM	36	39	17.61	17.64	17.69	17.60	17.69		
15	256QAM	75	0	17.76	17.63	17.83	17.60	17.72		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.74	22.64	22.81	22.77	22.68	24.50	0
10	QPSK	1	25	22.72	22.66	22.75	22.66	22.60		
10	QPSK	1	49	22.56	22.52	22.68	22.56	22.55		
10	QPSK	25	0	21.66	21.73	21.80	21.75	21.73	23.5	1
10	QPSK	25	12	21.69	21.58	21.75	21.51	21.63		
10	QPSK	25	25	21.64	21.62	21.77	21.60	21.66		
10	QPSK	50	0	21.57	21.64	21.69	21.68	21.69		
10	16QAM	1	0	21.78	21.87	21.86	21.83	21.76	23.5	1
10	16QAM	1	25	21.66	21.56	21.79	21.66	21.59		
10	16QAM	1	49	21.59	21.64	21.73	21.62	21.71		
10	16QAM	25	0	20.77	20.65	20.85	20.79	20.75	22.5	2
10	16QAM	25	12	20.62	20.62	20.64	20.65	20.63		
10	16QAM	25	25	20.54	20.62	20.73	20.60	20.59		
10	16QAM	50	0	20.72	20.67	20.76	20.72	20.71		
10	64QAM	1	0	20.79	20.78	20.87	20.82	20.69	22.5	2
10	64QAM	1	25	20.70	20.71	20.81	20.70	20.79		
10	64QAM	1	49	20.68	20.66	20.72	20.56	20.65		
10	64QAM	25	0	19.80	19.76	19.89	19.87	19.77	21.5	3
10	64QAM	25	12	19.63	19.55	19.67	19.57	19.59		
10	64QAM	25	25	19.59	19.58	19.72	19.65	19.62		
10	64QAM	50	0	19.71	19.59	19.77	19.65	19.71		
10	256QAM	1	0	17.74	17.71	17.74	17.63	17.64	19.5	5
10	256QAM	1	25	17.51	17.53	17.68	17.57	17.56		
10	256QAM	1	49	17.62	17.52	17.71	17.58	17.59		
10	256QAM	25	0	17.66	17.65	17.83	17.80	17.75	19.5	5
10	256QAM	25	12	17.60	17.61	17.75	17.72	17.62		
10	256QAM	25	25	17.74	17.68	17.71	17.62	17.71		
10	256QAM	50	0	17.68	17.67	17.73	17.61	17.76		
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	22.79	22.65	22.83	22.70	22.69	24.50	0
5	QPSK	1	12	22.71	22.72	22.78	22.73	22.68		
5	QPSK	1	24	22.60	22.57	22.63	22.67	22.61		
5	QPSK	12	0	21.66	21.76	21.82	21.75	21.75	23.5	1
5	QPSK	12	7	21.67	21.61	21.63	21.57	21.64		
5	QPSK	12	13	21.60	21.63	21.73	21.64	21.63		
5	QPSK	25	0	21.60	21.64	21.77	21.71	21.69		
5	16QAM	1	0	21.88	21.82	21.89	21.77	21.76	23.5	1
5	16QAM	1	12	21.59	21.61	21.78	21.72	21.62		
5	16QAM	1	24	21.65	21.55	21.67	21.55	21.67		
5	16QAM	12	0	20.72	20.66	20.77	20.73	20.72	22.5	2
5	16QAM	12	7	20.67	20.58	20.64	20.70	20.55		
5	16QAM	12	13	20.56	20.69	20.69	20.54	20.60		
5	16QAM	25	0	20.75	20.64	20.84	20.70	20.76	22.5	2
5	64QAM	1	0	20.76	20.77	20.87	20.74	20.74		
5	64QAM	1	12	20.65	20.75	20.75	20.60	20.73		
5	64QAM	1	24	20.68	20.68	20.69	20.52	20.57		
5	64QAM	12	0	19.76	19.79	19.90	19.78	19.81	21.5	3
5	64QAM	12	7	19.55	19.59	19.69	19.55	19.62		
5	64QAM	12	13	19.61	19.61	19.75	19.64	19.53		
5	64QAM	25	0	19.70	19.69	19.78	19.72	19.70		
5	256QAM	1	0	17.71	17.67	17.75	17.69	17.57	19.5	5
5	256QAM	1	12	17.59	17.53	17.60	17.52	17.62		
5	256QAM	1	24	17.60	17.58	17.62	17.57	17.55		
5	256QAM	12	0	17.70	17.68	17.75	17.79	17.76	19.5	5
5	256QAM	12	7	17.65	17.65	17.68	17.72	17.55		
5	256QAM	12	13	17.56	17.68	17.73	17.63	17.63		
5	256QAM	25	0	17.73	17.66	17.79	17.60	17.77		

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	32.98	33.22	33.13	34.90	23.98	24.22	24.13	25.90
GPRS 1 Tx slot	32.90	33.12	33.04	34.90	23.90	24.12	24.04	25.90
GPRS 2 Tx slots	30.01	30.18	30.12	31.90	24.01	24.18	24.12	25.90
GPRS 3 Tx slots	28.19	28.23	28.16	30.10	23.93	23.97	23.90	25.84
GPRS 4 Tx slots	26.93	26.97	26.94	28.90	23.93	23.97	23.94	25.90
EDGE 1 Tx slot	26.71	26.77	26.76	28.50	17.71	17.77	17.76	19.50
EDGE 2 Tx slots	23.78	23.80	23.68	25.50	17.78	17.80	17.68	19.50
EDGE 3 Tx slots	21.76	21.89	21.84	23.70	17.50	17.63	17.58	19.44
EDGE 4 Tx slots	20.66	20.62	20.61	22.50	17.66	17.62	17.61	19.50

GSM1900 Ant1 Default

GSM1900	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	30.23	30.31	30.27	31.50	21.23	21.31	21.27	22.50
GPRS 1 Tx slot	30.12	30.23	30.21	31.50	21.12	21.23	21.21	22.50
GPRS 2 Tx slots	26.96	27.03	26.92	28.50	20.96	21.03	20.92	22.50
GPRS 3 Tx slots	25.24	25.32	25.11	26.70	20.98	21.06	20.85	22.44
GPRS 4 Tx slots	24.24	24.37	24.16	25.50	21.24	21.37	21.16	22.50
EDGE 1 Tx slot	25.05	25.16	25.31	26.50	16.05	16.16	16.31	17.50
EDGE 2 Tx slots	22.11	22.20	22.31	23.50	16.11	16.20	16.31	17.50
EDGE 3 Tx slots	20.29	20.38	20.56	21.70	16.03	16.12	16.30	17.44
EDGE 4 Tx slots	19.09	19.06	19.23	20.50	16.09	16.06	16.23	17.50

WCDMA II Ant1 DS4 / WCDMA IV Ant1 DS4 / WCDMA V Ant1 DS4

Band	WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)	WCDMA V			Tune-up Limit (dBm)
TX Channel	9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel	9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)	1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	22.25	22.28	22.21	23.80	22.98	23.11	23.00	24.10	23.27	23.35	23.33	25.10
3GPP Rel 99	RMC 12.2Kbps	22.20	22.34	22.31	23.80	23.11	23.12	23.06	24.10	23.30	23.48	23.37	25.10
3GPP Rel 6	HSDPA Subtest-1	21.16	21.36	21.38	22.80	21.98	22.23	22.08	23.10	22.52	22.48	22.37	24.10
3GPP Rel 6	HSDPA Subtest-2	21.26	21.42	21.39	22.80	22.09	22.07	22.21	23.10	22.62	22.51	22.30	24.10
3GPP Rel 6	HSDPA Subtest-3	20.70	20.83	20.91	22.30	21.61	21.70	21.87	22.60	22.15	21.85	22.07	23.60
3GPP Rel 6	HSDPA Subtest-4	20.73	20.82	20.91	22.30	21.57	21.61	21.62	22.60	22.00	22.08	21.83	23.60
3GPP Rel 8	DC-HSDPA Subtest-1	21.22	21.30	21.30	22.80	22.04	22.24	22.11	23.10	22.63	22.54	22.39	24.10
3GPP Rel 8	DC-HSDPA Subtest-2	21.12	21.25	21.56	22.80	22.03	22.17	22.17	23.10	22.58	22.67	22.46	24.10
3GPP Rel 8	DC-HSDPA Subtest-3	20.70	20.90	20.80	22.30	21.60	21.64	21.80	22.60	22.13	22.14	21.94	23.60
3GPP Rel 8	DC-HSDPA Subtest-4	20.79	20.77	20.90	22.30	21.50	21.62	21.79	22.60	21.92	22.16	21.87	23.60
3GPP Rel 6	HSUPA Subtest-1	21.39	21.24	21.44	22.80	22.17	22.21	22.22	23.10	22.47	22.59	22.30	24.10
3GPP Rel 6	HSUPA Subtest-2	19.44	19.44	19.32	20.80	20.00	20.19	20.25	21.10	20.50	20.47	20.20	22.10
3GPP Rel 6	HSUPA Subtest-3	20.15	20.36	20.52	21.80	21.11	21.01	21.08	22.10	21.58	21.44	21.32	23.10
3GPP Rel 6	HSUPA Subtest-4	19.13	19.39	19.53	20.80	20.05	20.05	20.30	21.10	20.73	20.39	20.32	22.10
3GPP Rel 6	HSUPA Subtest-5	21.24	21.41	21.43	22.80	22.27	22.17	22.03	23.10	22.61	22.52	22.41	24.10
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	18.71	18.81	18.77	20.30	19.64	19.78	19.57	20.60	20.32	20.05	19.95	21.60

Band 2 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				18700	18900	19100		
Frequency (MHz)				1880	1880	1900		
20	QPSK	1	0	22.62	22.63	22.58		
20	QPSK	1	49	22.24	22.44	22.42	23.8	0
20	QPSK	1	99	22.42	22.54	22.53		
20	QPSK	50	0	22.24	22.33	22.32		
20	QPSK	50	24	21.97	22.13	22.08	23.8	0
20	QPSK	50	50	22.08	22.27	22.19		
20	QPSK	100	0	22.26	22.36	22.25		
20	16QAM	1	0	22.33	22.36	22.26		
20	16QAM	1	49	22.00	22.21	22.20	23.8	0
20	16QAM	1	99	22.14	22.28	22.19		
20	16QAM	50	0	21.77	21.89	21.81		
20	16QAM	50	24	21.84	21.78	21.75	23.3	0.5
20	16QAM	50	50	21.50	21.67	21.65		
20	16QAM	100	0	21.56	21.74	21.76		
20	64QAM	1	0	21.80	21.90	21.84		
20	64QAM	1	49	21.49	21.71	21.58	23.3	0.5
20	64QAM	1	99	21.66	21.66	21.78		
20	64QAM	50	0	20.77	20.82	20.77		
20	64QAM	50	24	20.39	20.62	20.59	22.3	1.5
20	64QAM	50	50	20.70	20.76	20.74		
20	64QAM	100	0	20.85	20.82	20.83		
20	256QAM	1	0	20.05	20.06	20.11		
20	256QAM	1	49	19.67	19.97	19.97	20.3	3.5
20	256QAM	1	99	19.90	20.07	20.04		
20	256QAM	50	0	20.13	20.17	20.13		
20	256QAM	50	24	20.16	20.09	20.08	20.3	3.5
20	256QAM	50	50	19.72	19.95	19.99		
20	256QAM	100	0	19.89	20.10	20.06		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.51	22.52	22.50		
15	QPSK	1	37	22.13	22.33	22.34	23.8	0
15	QPSK	1	74	22.33	22.45	22.43		
15	QPSK	36	0	22.14	22.20	22.23		
15	QPSK	36	20	21.84	22.00	21.96	23.8	0
15	QPSK	36	39	21.96	22.18	22.06		
15	QPSK	75	0	22.18	22.23	22.12		
15	16QAM	1	0	22.23	22.26	22.16		
15	16QAM	1	37	21.92	22.13	22.09	23.8	0
15	16QAM	1	74	22.05	22.19	22.07		
15	16QAM	36	0	21.69	21.79	21.74		
15	16QAM	36	20	21.72	21.70	21.68	23.3	0.5
15	16QAM	36	39	21.40	21.57	21.56		
15	16QAM	75	0	21.48	21.63	21.69		
15	64QAM	1	0	21.68	21.77	21.77		
15	64QAM	1	37	21.38	21.62	21.51	23.3	0.5
15	64QAM	1	74	21.57	21.55	21.67		
15	64QAM	36	0	20.65	20.73	20.67		
15	64QAM	36	20	20.32	20.53	20.51	22.3	1.5
15	64QAM	36	39	20.60	20.66	20.63		
15	64QAM	75	0	20.77	20.73	20.70		
15	256QAM	1	0	19.95	19.96	19.99		
15	256QAM	1	37	19.56	19.87	19.87	20.3	3.5
15	256QAM	1	74	19.81	19.95	19.95		
15	256QAM	36	0	20.06	20.08	20.01		
15	256QAM	36	20	20.05	19.97	19.97	20.3	3.5
15	256QAM	36	39	19.65	19.87	19.90		
15	256QAM	75	0	19.77	19.99	19.96		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	22.50	22.53	22.51		
10	QPSK	1	25	22.16	22.34	22.34	23.8	0
10	QPSK	1	49	22.34	22.43	22.43		
10	QPSK	25	0	22.15	22.20	22.21		
10	QPSK	25	12	21.85	22.06	21.98	23.8	0
10	QPSK	25	25	21.96	22.18	22.10		
10	QPSK	50	0	22.16	22.28	22.15		
10	16QAM	1	0	22.24	22.28	22.17		
10	16QAM	1	25	21.90	22.12	22.07	23.8	0
10	16QAM	1	49	22.04	22.19	22.07		
10	16QAM	25	0	21.65	21.81	21.72		
10	16QAM	25	12	21.74	21.71	21.66	23.3	0.5
10	16QAM	25	25	21.38	21.58	21.56		
10	16QAM	50	0	21.45	21.66	21.68		
10	64QAM	1	0	21.69	21.81	21.72		
10	64QAM	1	25	21.38	21.64	21.48	23.3	0.5
10	64QAM	1	49	21.56	21.56	21.69		
10	64QAM	25	0	20.67	20.74	20.69		
10	64QAM	25	12	20.52	20.51	20.50	22.3	1.5
10	64QAM	25	25	20.62	20.64	20.62		
10	64QAM	50	0	20.75	20.69	20.72		
10	256QAM	1	0	19.95	19.96	19.99		
10	256QAM	1	25	19.59	19.90	19.90	20.3	3.5
10	256QAM	1	49	19.82	19.99	19.95		
10	256QAM	25	0	20.05	20.04	20.02		
10	256QAM	25	12	20.06	19.98	19.99	20.3	3.5
10	256QAM	25	25	19.63	19.82	19.86		
10	256QAM	50	0	19.76	19.98	19.99		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.50	22.52	22.49		
5	QPSK	1	12	22.17	22.35	22.30	23.8	0
5	QPSK	1	24	22.35	22.43	22.41		
5	QPSK	12	0	22.14	22.25	22.19		
5	QPSK	12	7	21.89	22.03	21.97	23.8	0
5	QPSK	12	13	21.96	22.18	22.12		
5	QPSK	25	0	22.14	22.25	22.17		
5	16QAM	1	0	22.26	22.28	22.14		
5	16QAM	1	12	21.89	22.08	22.09	23.8	0
5	16QAM	1	24	22.02	22.21	22.08		
5	16QAM	12	0	21.65	21.82	21.72		
5	16QAM	12	7	21.75	21.70	21.63	23.3	0.5
5	16QAM	12	13	21.43	21.60	21.55		
5	16QAM	25	0	21.48	21.65	21.66		
5	64QAM	1	0	21.68	21.79	21.72		
5	64QAM	1	12	21.39	21.60	21.48	23.3	0.5
5	64QAM	1	24	21.55	21.54	21.67		
5	64QAM	12	0	20.67	20.71	20.66		
5	64QAM	12	7	20.51	20.52	20.48	22.3	1.5
5	64QAM	12	13	20.61	20.63	20.61		
5	64QAM	25	0	20.73	20.75	20.74		
5	256QAM	1	0	19.95	19.96	20.00		
5	256QAM	1	12	19.56	19.89	19.87	20.3	3.5
5	256QAM	1	24	19.79	19.99	19.95		
5	256QAM	12	0	20.01	20.06	20.01		
5	256QAM	12	7	20.04	20.01	19.96	20.3	3.5
5	256QAM	12	13	19.62	19.83	19.88		
5	256QAM	25	0	19.78	20.03	19.93		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.50	22.55	22.49		
3	QPSK	1	8	22.13	22.32	22.34	23.8	0
3	QPSK	1	14	22.34	22.45	22.41		
3	QPSK	8	0	22.17	22.23	22.20		
3	QPSK	8	4	21.89	22.05	21.99	23.8	0
3	QPSK	8	7	21.97	22.15	22.11		
3	QPSK	15	0	22.18	22.28	22.18		
3	16QAM	1	0	22.23	22.29	22.18		
3	16QAM	1	8	21.88	22.10	22.10	23.8	0
3	16QAM	1	14	22.05	22.19	22.08		
3	16QAM	8	0	21.66	21.80	21.73		
3	16QAM	8	4	21.75	21.67	21.63	23.3	0.5
3	16QAM	8	7	21.39	21.60	21.54		
3	16QAM	15	0	21.45	21.63	21.64		
3	64QAM	1	0	21.71	21.78	21.71		
3	64QAM	1	8	21.40	21.58	21.50	23.3	0.5
3	64QAM	1	14	21.55	21.58	21.68		
3	64QAM	8	0	20.67	20.75	20.69		
3	64QAM	8	4	20.52	20.53	20.47	22.3	1.5
3	64QAM	8	7	20.57	20.66	20.63		
3	64QAM	15	0	20.73	20.72	20.71		
3	256QAM	1	0	19.96	19.95	19.99		
3	256QAM	1	8	19.56	19.90	19.86	20.3	3.5
3	256QAM	1	14	19.81	19.94	19.93		
3	256QAM	8	0	20.04	20.05	20.02		
3	256QAM	8	4	20.04	19.97	19.96	20.3	3.5
3	256QAM	8	7	19.63	19.88	19.91		
3	256QAM	15	0	19.78	20.02	19.94		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.50	22.50	22.50		
1.4	QPSK	1	3	22.13	22.35	22.30		
1.4	QPSK	1	5	22.33	22.44	22.41	23.8	0
1.4	QPSK	3	0	22.17	22.22	22.22		
1.4	QPSK	3	1	21.84	22.01	21.99		
1.4	QPSK	3	3	21.98	22.19	22.10		
1.4	QPSK	6	0	22.16	22.29	22.14	23.8	0
1.4	16QAM	1	0	22.38	22.39	22.39		
1.4	16QAM	1	3	22.05	22.27	22.21		
1.4	16QAM	1	5	22.23	22.33	22.31	23.8	0
1.4	16QAM	3	0	22.10	22.10	22.10		
1.4	16QAM	3	1	21.89	21.90	21.90		
1.4	16QAM	3	3	21.86	22.12	22.02		
1.4	16QAM	6	0	21.44	21.61	21.65	23.3	0.5
1.4	64QAM	1	0	21.89	21.92	21.87		
1.4	64QAM	1	3	21.53	21.75	21.73		
1.4	64QAM	1	5	21.70	21.81	21.79	23.3	0.5
1.4	64QAM	3	0	21.58	21.62	21.61		
1.4	64QAM	3	1	21.35	21.39	21.40		
1.4	64QAM	3	3	21.35	21.59	21.50		
1.4	64QAM	6	0	20.77	20.69	20.71	22.3	1.5
1.4	256QAM	1	0	19.96	19.95	20.04		
1.4	256QAM	1	3	19.57	19.89	19.90		
1.4	256QAM	1	5	19.80	19.98	19.92	20.3	3.5
1.4	256QAM	3	0	20.06	20.08	20.05		
1.4	256QAM	3	1	20.04	19.97	20.00		
1.4	256QAM	3	3	19.64	19.85	19.90		
1.4	256QAM	6	0	19.80	19.99	19.96	20.3	3.5

Band 4 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				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	24.25	24.31	24.23		
20	QPSK	1	49	24.10	24.20	24.17	25.2	0
20	QPSK	1	99	24.04	24.16	24.07		
20	QPSK	50	0	23.02	23.15	23.09		
20	QPSK	50	24	23.03	23.10	22.96	24.7	0.5
20	QPSK	50	50	23.07	23.10	23.07		
20	QPSK	100	0	23.01	23.11	23.01		
20	16QAM	1	0	23.38	23.45	23.38		
20	16QAM	1	49	23.25	23.38	23.28	24.7	0.5
20	16QAM	1	99	23.34	23.43	23.25		
20	16QAM	50	0	22.15	22.23	22.15		
20	16QAM	50	24	22.20	22.33	22.19	23.7	1.5
20	16QAM	50	50	22.10	22.13	22.07		
20	16QAM	100	0	22.20	22.31	22.20		
20	64QAM	1	0	22.18	22.27	22.20		
20	64QAM	1	49	22.27	22.31	22.18	23.7	1.5
20	64QAM	1	99	22.33	22.40	22.33		
20	64QAM	50	0	21.27	21.37	21.30		
20	64QAM	50	24	21.13	21.24	21.13	22.7	2.5
20	64QAM	50	50	21.12	21.18	21.11		
20	64QAM	100	0	21.28	21.32	21.18		
20	256QAM	1	0	19.33	19.34	19.32		
20	256QAM	1	49	19.26	19.30	19.14	20.7	4.5
20	256QAM	1	99	19.12	19.23	19.10		
20	256QAM	50	0	19.17	19.27	19.17		
20	256QAM	50	24	19.09	19.18	19.08	20.7	4.5
20	256QAM	50	50	19.05	19.15	19.07		
20	256QAM	100	0	19.07	19.23	19.14		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	24.17	24.24	24.14		
15	QPSK	1	37	24.01	24.10	24.09	25.2	0
15	QPSK	1	74	23.95	24.08	23.99		
15	QPSK	36	0	22.93	23.07	23.00		
15	QPSK	36	20	22.95	23.00	22.87	24.7	0.5
15	QPSK	36	39	22.95	23.00	22.96		
15	QPSK	75	0	22.93	23.00	22.91		
15	16QAM	1	0	23.28	23.33	23.29		
15	16QAM	1	37	23.13	23.29	23.17	24.7	0.5
15	16QAM	1	74	23.22	23.33	23.13		
15	16QAM	36	0	22.04	22.13	22.04		
15	16QAM	36	20	22.13	22.26	22.06	23.7	1.5
15	16QAM	36	39	22.00	22.00	21.95		
15	16QAM	75	0	22.08	22.24	22.11		
15	64QAM	1	0	22.10	22.16	22.11		
15	64QAM	1	37	22.15	22.20	22.05	23.7	1.5
15	64QAM	1	74	22.21	22.28	22.22		
15	64QAM	36	0	21.19	21.28	21.21		
15	64QAM	36	20	21.04	21.12	21.05	22.7	2.5
15	64QAM	36	39	21.03	21.10	20.99		
15	64QAM	75	0	21.17	21.21	21.06		
15	256QAM	1	0	19.23	19.22	19.19		
15	256QAM	1	37	19.19	19.22	19.06	20.7	4.5
15	256QAM	1	74	19.05	19.14	19.01		
15	256QAM	36	0	19.08	19.18	19.08		
15	256QAM	36	20	19.00	19.10	18.98	20.7	4.5
15	256QAM	36	39	18.94	19.05	18.98		
15	256QAM	75	0	18.98	19.15	19.04		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	24.16	24.22	24.13		
10	QPSK	1	25	24.00	24.08	24.09	25.2	0
10	QPSK	1	49	23.96	24.06	23.97		
10	QPSK	25	0	22.95	23.07	23.02		
10	QPSK	25	12	22.91	22.95	22.83	24.7	0.5
10	QPSK	25	25	22.95	22.99	22.90		
10	QPSK	50	0	22.94	23.01	22.89		
10	16QAM	1	0	23.25	23.37	23.26		
10	16QAM	1	25	23.13	23.26	23.18	24.7	0.5
10	16QAM	1	49	23.21	23.31	23.15		
10	16QAM	25	0	22.06	22.14	22.03		
10	16QAM	25	12	22.12	22.24	22.07	23.7	1.5
10	16QAM	25	25	21.99	22.04	21.99		
10	16QAM	50	0	22.08	22.24	22.08		
10	64QAM	1	0	22.08	22.17	22.09		
10	64QAM	1	25	22.19	22.22	22.07	23.7	1.5
10	64QAM	1	49	22.24	22.29	22.25		
10	64QAM	25	0	21.20	21.27	21.22		
10	64QAM	25	12	21.02	21.12	21.05	22.7	2.5
10	64QAM	25	25	21.01	21.08	21.00		
10	64QAM	50	0	21.20	21.19	21.09		
10	256QAM	1	0	19.23	19.25	19.23		
10	256QAM	1	25	19.17	19.18	19.05	20.7	4.5
10	256QAM	1	49	19.00	19.13	19.00		
10	256QAM	25	0	19.07	19.17	19.06		
10	256QAM	25	12	18.96	19.09	19.00	20.7	4.5
10	256QAM	25	25	18.97	19.03	18.97		
10	256QAM	50	0	18.97	19.16	19.02		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	24.15	24.21	24.15		
5	QPSK	1	12	24.00	24.11	24.05	25.2	0
5	QPSK	1	24	23.94	24.08	23.99		
5	QPSK	12	0	22.93	23.07	22.97		
5	QPSK	12	7	22.92	22.99	22.87	24.7	0.5
5	QPSK	12	13	22.99	22.99	22.96		
5	QPSK	25	0	22.89	22.99	22.92		
5	16QAM	1	0	23.26	23.37	23.30		
5	16QAM	1	12	23.15	23.25	23.21	24.7	0.5
5	16QAM	1	24	23.22	23.35	23.17		
5	16QAM	12	0	22.04	22.12	22.06		
5	16QAM	12	7	22.13	22.26	22.08	23.7	1.5
5	16QAM	12	13	22.00	22.12	21.96		
5	16QAM	25	0	22.10	22.23	22.08		
5	64QAM	1	0	22.09	22.15	22.08		
5	64QAM	1	12	22.19	22.23	22.05	23.7	1.5
5	64QAM	1	24	22.23	22.27	22.22		
5	64QAM	12	0	21.15	21.26	21.19		
5	64QAM	12	7	21.05	21.15	21.01	22.7	2.5
5	64QAM	12	13	21.02	21.08	21.02		
5	64QAM	25	0	21.19	21.20	21.05		
5	256QAM	1	0	19.21	19.26	19.25		
5	256QAM	1	12	19.17	19.18	19.03	20.7	4.5
5	256QAM	1	24	19.01	19.13	18.98		
5	256QAM	12	0	19.09	19.18	19.07		
5	256QAM	12	7	19.00	19.10	18.97	20.7	4.5
5	256QAM	12	13	18.98	19.03	18.98		
5	256QAM	25	0	18.95	19.12	19.07		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	24.15	24.24	24.14		
3	QPSK	1	8	23.97	24.08	24.05	25.2	0
3	QPSK	1	14	23.96	24.05	23.96		
3	QPSK	8	0	22.91	23.04	23.01		
3	QPSK	8	4	22.90	22.99	22.88	24.7	0.5
3	QPSK	8	7	22.96	22.99	22.95		
3	QPSK	15	0	22.94	22.99	22.89		
3	16QAM	1	0	23.27	23.34	23.30		
3	16QAM	1	8	23.16	23.25	23.16	24.7	0.5
3	16QAM	1	14	23.22	23.30	23.17		
3	16QAM	8	0	22.05	22.15	22.03		
3	16QAM	8	4	22.11	22.25	22.11	23.7	1.5
3	16QAM	8	7	21.97	22.02	21.99		
3	16QAM	15	0	22.13	22.19	22.12		
3	64QAM	1	0	22.05	22.18	22.11		
3	64QAM	1	8	22.20	22.21	22.07	23.7	1.5
3	64QAM	1	14	22.25	22.30	22.22		
3	64QAM	8	0	21.17	21.29	21.18		
3	64QAM	8	4	21.05	21.14	21.04	22.7	2.5
3	64QAM	8	7	20.99	21.09	20.99		
3	64QAM	15	0	21.21	21.20	21.07		
3	256QAM	1	0	19.24	19.22	19.20		
3	256QAM	1	8	19.14	19.21	19.05	20.7	4.5
3	256QAM	1	14	19.05	19.16	18.98		
3	256QAM	8	0	19.07	19.16	19.09		
3	256QAM	8	4	19.01	19.07	18.97	20.7	4.5
3	256QAM	8	7	18.94	19.04	18.99		
3	256QAM	15	0	18.97	19.13	19.01		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	24.03	24.12	24.03		
1.4	QPSK	1	3	23.90	23.99	23.96		
1.4	QPSK	1	5	23.85	23.95	23.87	25.2	0
1.4	QPSK	3	0	24.06	24.12	24.02		
1.4	QPSK	3	1	23.86	23.98	23.94		
1.4	QPSK	3	3	23.85	23.94	23.87		
1.4	QPSK	6	0	23.68	23.72	23.61	24.7	0.5
1.4	16QAM	1	0	23.46	23.57	23.55		
1.4	16QAM	1	3	23.48	23.55	23.46		
1.4	16QAM	1	5	23.68	23.76	23.66	24.7	0.5
1.4	16QAM	3	0	23.63	23.75	23.64		
1.4	16QAM	3	1	23.46	23.55	23.53		
1.4	16QAM	3	3	23.44	23.56	23.47		
1.4	16QAM	6	0	22.66	22.77	22.65	23.7	1.5
1.4	64QAM	1	0	22.45	22.58	22.55		
1.4	64QAM	1	3	22.45	22.53	22.45		
1.4	64QAM	1	5	22.64	22.76	22.63	23.7	1.5
1.4	64QAM	3	0	22.68	22.74	22.66		
1.4	64QAM	3	1	22.48	22.58	22.53		
1.4	64QAM	3	3	22.47	22.53	22.48		
1.4	64QAM	6	0	21.64	21.72	21.64	22.7	2.5
1.4	256QAM	1	0	19.65	19.72	19.62		
1.4	256QAM	1	3	19.45	19.61	19.53		
1.4	256QAM	1	5	19.45	19.57	19.46	20.7	4.5
1.4	256QAM	3	0	19.67	19.72	19.61		
1.4	256QAM	3	1	19.44	19.58	19.54		
1.4	256QAM	3	3	19.47	19.52	19.46		
1.4	256QAM	6	0	19.65	19.73	19.64	20.7	4.5

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	24.63	24.78	24.72		
10	QPSK	1	25	24.60	24.77	24.66	25.7	0
10	QPSK	1	49	24.57	24.67	24.62		
10	QPSK	25	0	23.73	23.82	23.75		
10	QPSK	25	12	23.72	23.81	23.68	24.7	1
10	QPSK	25	25	23.72	23.77	23.74	

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BW [MHz]	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	20.47	20.64	20.57		
20	QPSK	1	49	20.42	20.52	20.49	21.5	0
20	QPSK	1	99	20.31	20.44	20.31		
20	QPSK	50	0	20.35	20.55	20.49		
20	QPSK	50	24	20.30	20.45	20.39	21.5	0
20	QPSK	50	50	20.19	20.36	20.22		
20	QPSK	100	0	20.36	20.51	20.48		
20	16QAM	1	0	20.33	20.39	20.38		
20	16QAM	1	49	20.20	20.32	20.22	21.5	0
20	16QAM	1	99	20.36	20.54	20.47		
20	16QAM	50	0	20.32	20.42	20.38		
20	16QAM	50	24	20.21	20.32	20.22	21.5	0
20	16QAM	50	50	20.40	20.54	20.48		
20	16QAM	100	0	20.35	20.43	20.38		
20	64QAM	1	0	20.19	20.31	20.19		
20	64QAM	1	49	20.38	20.57	20.44	21.5	0
20	64QAM	1	99	20.35	20.40	20.39		
20	64QAM	50	0	20.19	20.35	20.20		
20	64QAM	50	24	20.35	20.56	20.47	21.5	0
20	64QAM	50	50	20.33	20.45	20.41		
20	64QAM	100	0	20.23	20.32	20.19		
20	256QAM	1	0	19.34	19.55	19.45		
20	256QAM	1	49	19.30	19.39	19.41	20.5	1
20	256QAM	1	99	19.22	19.33	19.21		
20	256QAM	50	0	19.36	19.55	19.46		
20	256QAM	50	24	19.38	19.53	19.48	20.5	1
20	256QAM	50	50	19.32	19.43	19.42		
20	256QAM	100	0	19.19	19.36	19.22		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	20.28	20.47	20.34		
15	QPSK	1	37	20.23	20.30	20.30	21.5	0
15	QPSK	1	74	20.12	20.21	20.08		
15	QPSK	36	0	20.16	20.34	20.30		
15	QPSK	36	20	20.09	20.22	20.22	21.5	0
15	QPSK	36	39	19.99	20.15	20.00		
15	QPSK	75	0	20.16	20.29	20.27		
15	16QAM	1	0	20.15	20.20	20.16		
15	16QAM	1	37	20.02	20.12	20.00	21.5	0
15	16QAM	1	74	20.16	20.35	20.27		
15	16QAM	36	0	20.15	20.21	20.18		
15	16QAM	36	20	20.01	20.12	20.04	21.5	0
15	16QAM	36	39	20.19	20.36	20.26		
15	16QAM	75	0	20.16	20.25	20.19		
15	64QAM	1	0	20.00	20.14	19.97		
15	64QAM	1	37	20.21	20.37	20.25	21.5	0
15	64QAM	1	74	20.17	20.18	20.21		
15	64QAM	36	0	19.97	20.15	20.01		
15	64QAM	36	20	20.16	20.36	20.27	21.5	0
15	64QAM	36	39	20.13	20.22	20.19		
15	64QAM	75	0	20.03	20.11	19.98		
15	256QAM	1	0	19.15	19.35	19.22		
15	256QAM	1	37	19.10	19.21	19.19	20.5	1
15	256QAM	1	74	19.01	19.12	19.01		
15	256QAM	36	0	19.16	19.35	19.24		
15	256QAM	36	20	19.21	19.31	19.27	20.5	1
15	256QAM	36	39	19.10	19.26	19.22		
15	256QAM	75	0	18.97	19.18	19.05		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	20.27	20.42	20.36		
10	QPSK	1	25	20.24	20.31	20.29	21.5	0
10	QPSK	1	49	20.09	20.24	20.09		
10	QPSK	25	0	20.18	20.38	20.29		
10	QPSK	25	12	20.07	20.26	20.21	21.5	0
10	QPSK	25	25	19.97	20.13	20.03		
10	QPSK	50	0	20.16	20.29	20.28		
10	16QAM	1	0	20.12	20.18	20.16		
10	16QAM	1	25	19.98	20.12	19.99	21.5	0
10	16QAM	1	49	20.16	20.33	20.28		
10	16QAM	25	0	20.09	20.24	20.20		
10	16QAM	25	12	20.02	20.11	20.01	21.5	0
10	16QAM	25	25	20.23	20.34	20.27		
10	16QAM	50	0	20.13	20.22	20.18		
10	64QAM	1	0	20.02	20.11	19.97		
10	64QAM	1	25	20.17	20.35	20.27	21.5	0
10	64QAM	1	49	20.16	20.20	20.16		
10	64QAM	25	0	19.97	20.18	19.98		
10	64QAM	25	12	20.17	20.38	20.27	21.5	0
10	64QAM	25	25	20.13	20.23	20.24		
10	64QAM	50	0	20.08	20.15	19.99		
10	256QAM	1	0	19.16	19.32	19.22		
10	256QAM	1	25	19.10	19.19	19.21	20.5	1
10	256QAM	1	49	19.00	19.13	18.98		
10	256QAM	25	0	19.15	19.36	19.27		
10	256QAM	25	12	19.16	19.36	19.25	20.5	1
10	256QAM	25	25	19.14	19.22	19.20		
10	256QAM	50	0	18.96	19.17	19.00		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	20.25	20.46	20.37		
5	QPSK	1	12	20.24	20.30	20.32	21.5	0
5	QPSK	1	24	20.10	20.27	20.12		
5	QPSK	12	0	20.13	20.36	20.32		
5	QPSK	12	7	20.13	20.24	20.19	21.5	0
5	QPSK	12	13	20.02	20.16	20.04		
5	QPSK	25	0	20.13	20.29	20.27		
5	16QAM	1	0	20.15	20.19	20.20		
5	16QAM	1	12	19.99	20.10	20.04	21.5	0
5	16QAM	1	24	20.16	20.35	20.28		
5	16QAM	12	0	20.11	20.20	20.16		
5	16QAM	12	7	20.04	20.09	20.04	21.5	0
5	16QAM	12	13	20.20	20.34	20.28		
5	16QAM	25	0	20.13	20.22	20.18		
5	64QAM	1	0	20.01	20.12	19.99		
5	64QAM	1	12	20.16	20.36	20.24	21.5	0
5	64QAM	1	24	20.14	20.20	20.16		
5	64QAM	12	0	19.99	20.13	19.98		
5	64QAM	12	7	20.15	20.37	20.30	21.5	0
5	64QAM	12	13	20.15	20.28	20.20		
5	64QAM	25	0	20.03	20.14	20.00		
5	256QAM	1	0	19.16	19.35	19.24		
5	256QAM	1	12	19.09	19.19	19.20	20.5	1
5	256QAM	1	24	19.03	19.12	18.99		
5	256QAM	12	0	19.16	19.32	19.26		
5	256QAM	12	7	19.18	19.32	19.27	20.5	1
5	256QAM	12	13	19.11	19.24	19.22		
5	256QAM	25	0	18.99	19.19	19.01		

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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				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	24.30	24.35	24.26		
20	QPSK	1	49	24.13	24.24	24.22	25.2	0
20	QPSK	1	99	24.23	24.33	24.21		
20	QPSK	50	0	23.36	23.41	23.37		
20	QPSK	50	24	23.24	23.35	23.29	24.7	0.5
20	QPSK	50	50	23.12	23.22	23.19		
20	QPSK	100	0	23.27	23.34	23.19		
20	16QAM	1	0	23.49	23.45	23.40		
20	16QAM	1	49	23.32	23.42	23.35	24.7	0.5
20	16QAM	1	99	23.26	23.38	23.28		
20	16QAM	50	0	23.47	23.48	23.44		
20	16QAM	50	24	23.32	23.45	23.32	23.7	1.5
20	16QAM	50	50	23.27	23.36	23.23		
20	16QAM	100	0	23.45	23.48	23.40		
20	64QAM	1	0	23.31	23.46	23.30		
20	64QAM	1	49	23.28	23.37	23.29	23.7	1.5
20	64QAM	1	99	23.48	23.46	23.44		
20	64QAM	50	0	22.45	22.45	22.40		
20	64QAM	50	24	22.46	22.48	22.44	22.7	2.5
20	64QAM	50	50	22.35	22.44	22.33		
20	64QAM	100	0	22.27	22.40	22.27		
20	256QAM	1	0	20.43	20.48	20.41		
20	256QAM	1	49	20.32	20.43	20.31	20.7	4.5
20	256QAM	1	99	20.31	20.40	20.24		
20	256QAM	50	0	20.48	20.48	20.42		
20	256QAM	50	24	20.48	20.47	20.43	20.7	4.5
20	256QAM	50	50	20.32	20.43	20.31		
20	256QAM	100	0	20.25	20.39	20.28		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	24.20	24.27	24.15		
15	QPSK	1	37	24.03	24.15	24.13	25.2	0
15	QPSK	1	74	24.13	24.24	24.11		
15	QPSK	36	0	23.29	23.30	23.27		
15	QPSK	36	20	23.11	23.23	23.20	24.7	0.5
15	QPSK	36	39	23.00	23.13	23.10		
15	QPSK	75	0	23.14	23.23	23.07		
15	16QAM	1	0	23.40	23.34	23.31		
15	16QAM	1	37	23.24	23.30	23.25	24.7	0.5
15	16QAM	1	74	23.17	23.28	23.17		
15	16QAM	36	0	23.39	23.41	23.36		
15	16QAM	36	20	23.24	23.33	23.24	23.7	1.5
15	16QAM	36	39	23.15	23.24	23.13		
15	16QAM	75	0	23.35	23.39	23.29		
15	64QAM	1	0	23.23	23.37	23.21		
15	64QAM	1	37	23.19	23.28	23.17	23.7	1.5
15	64QAM	1	74	23.40	23.39	23.37		
15	64QAM	36	0	22.36	22.36	22.27		
15	64QAM	36	20	22.50	22.37	22.32	22.7	2.5
15	64QAM	36	39	22.26	22.34	22.21		
15	64QAM	75	0	22.14	22.28	22.15		
15	256QAM	1	0	20.32	20.39	20.30		
15	256QAM	1	37	20.20	20.31	20.18	20.7	4.5
15	256QAM	1	74	20.22	20.33	20.12		
15	256QAM	36	0	20.37	20.40	20.34		
15	256QAM	36	20	20.35	20.35	20.34	20.7	4.5
15	256QAM	36	39	20.21	20.32	20.22		
15	256QAM	75	0	20.15	20.28	20.17		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	24.18	24.23	24.17		
10	QPSK	1	25	24.02	24.17	24.14	25.2	0
10	QPSK	1	49	24.12	24.24	24.09		
10	QPSK	25	0	23.24	23.28	23.29		
10	QPSK	25	12	23.14	23.27	23.20	24.7	0.5
10	QPSK	25	25	23.04	23.14	23.09		
10	QPSK	50	0	23.19	23.22	23.12		
10	16QAM	1	0	23.39	23.34	23.30		
10	16QAM	1	25	23.20	23.35	23.23	24.7	0.5
10	16QAM	1	49	23.15	23.31	23.19		
10	16QAM	25	0	23.35	23.35	23.36		
10	16QAM	25	12	23.25	23.32	23.21	23.7	1.5
10	16QAM	25	25	23.20	23.25	23.15		
10	16QAM	50	0	23.33	23.35	23.32		
10	64QAM	1	0	23.21	23.37	23.22		
10	64QAM	1	25	23.17	23.28	23.17	23.7	1.5
10	64QAM	1	49	23.37	23.33	23.33		
10	64QAM	25	0	22.36	22.33	22.30		
10	64QAM	25	12	22.37	22.37	22.33	22.7	2.5
10	64QAM	25	25	22.23	22.35	22.23		
10	64QAM	50	0	22.20	22.27	22.19		
10	256QAM	1	0	20.35	20.40	20.33		
10	256QAM	1	25	20.22	20.34	20.23	20.7	4.5
10	256QAM	1	49	20.20	20.32	20.16		
10	256QAM	25	0	20.40	20.41	20.32		
10	256QAM	25	12	20.39	20.36	20.31	20.7	4.5
10	256QAM	25	25	20.23	20.30	20.20		
10	256QAM	50	0	20.15	20.28	20.18		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	24.18	24.27	24.15		
5	QPSK	1	12	24.03	24.13	24.13	25.2	0
5	QPSK	1	24	24.16	24.23	24.09		
5	QPSK	12	0	23.26	23.31	23.26		
5	QPSK	12	7	23.13	23.23	23.21	24.7	0.5
5	QPSK	12	13	23.02	23.09	23.07		
5	QPSK	25	0	23.14	23.23	23.08		
5	16QAM	1	0	23.39	23.37	23.29		
5	16QAM	1	12	23.21	23.34	23.24	24.7	0.5
5	16QAM	1	24	23.18	23.30	23.15		
5	16QAM	12	0	23.40	23.37	23.32		
5	16QAM	12	7	23.22	23.37	23.20	23.7	1.5
5	16QAM	12	13	23.15	23.27	23.12		
5	16QAM	25	0	23.35	23.40	23.29		
5	64QAM	1	0	23.18	23.39	23.19		
5	64QAM	1	12	23.16	23.29	23.16	23.7	1.5
5	64QAM	1	24	23.38	23.37	23.33		
5	64QAM	12	0	22.35	22.33	22.29		
5	64QAM	12	7	22.38	22.36	22.36	22.7	2.5
5	64QAM	12	13	22.28	22.37	22.22		
5	64QAM	25	0	22.16	22.32	22.18		
5	256QAM	1	0	20.32	20.39	20.30		
5	256QAM	1	12	20.23	20.31	20.22	20.7	4.5
5	256QAM	1	24	20.22	20.33	20.13		
5	256QAM	12	0	20.35	20.37	20.31		
5	256QAM	12	7	20.38	20.36	20.34	20.7	4.5
5	256QAM	12	13	20.25	20.36	20.22		
5	256QAM	25	0	20.17	20.28	20.15		
Channel				131982	132322	132662	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	24.21	24.24	24.18		
3	QPSK	1	8	24.05	24.13	24.09	25.2	0
3	QPSK	1	14	24.11	24.22	24.10		
3	QPSK	8	0	23.25	23.29	23.24		
3	QPSK	8	4	23.13	23.26	23.18	24.7	0.5
3	QPSK	8	7	23.05	23.11	23.08		
3	QPSK	15	0	23.19	23.26	23.09		
3	16QAM	1	0	23.36	23.37	23.33		
3	16QAM	1	8	23.22	23.30	23.27	24.7	0.5
3	16QAM	1	14	23.15	23.29	23.18		
3	16QAM	8	0	23.37	23.37	23.33		
3	16QAM	8	4	23.23	23.34	23.21	23.7	1.5
3	16QAM	8	7	23.17	23.28	23.14		
3	16QAM	15	0	23.36	23.36	23.33		
3	64QAM	1	0	23.21	23.37	23.22		
3	64QAM	1	8	23.17	23.29	23.17	23.7	1.5
3	64QAM	1	14	23.38	23.38	23.31		
3	64QAM	8	0	22.37	22.36	22.31		
3	64QAM	8	4	22.38	22.40	22.37	22.7	2.5
3	64QAM	8	7	22.28	22.37	22.22		
3	64QAM	15	0	22.19	22.32	22.17		
3	256QAM	1	0	20.33	20.35	20.31		
3	256QAM	1	8	20.24	20.31	20.22	20.7	4.5
3	256QAM	1	14	20.19	20.31	20.16		
3	256QAM	8	0	20.36	20.41	20.32		
3	256QAM	8	4	20.39	20.35	20.33	20.7	4.5
3	256QAM	8	7	20.20	20.35	20.20		
3	256QAM	15	0	20.14	20.29	20.17		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	24.19	24.26	24.14		
1.4	QPSK	1	3	24.01	24.11	24.13		
1.4	QPSK	1	5	24.15	24.24	24.10	25.2	0
1.4	QPSK	3	0	24.06	24.14	24.02		
1.4	QPSK	3	1	23.91	23.98	24.05		
1.4	QPSK	3	3	24.03	24.16	24.01		
1.4	QPSK	6	0	23.71	23.79	23.65	24.7	0.5
1.4	16QAM	1	0	23.53	23.61	23.62		
1.4	16QAM	1	3	23.64	23.75	23.57		
1.4	16QAM	1	5	23.69	23.75	23.64	24.7	0.5
1.4	16QAM	3	0	23.69	23.77	23.64		
1.4	16QAM	3	1	23.52	23.62	23.63		
1.4	16QAM	3	3	23.66	23.76	23.63		
1.4	16QAM	6	0	22.72	22.75	22.62	23.7	1.5
1.4	64QAM	1	0	22.54	22.61	22.64		
1.4	64QAM	1	3	22.63	22.75	22.61		
1.4	64QAM	1	5	22.71	22.73	22.64	23.7	1.5
1.4	64QAM	3	0	22.70	22.74	22.62		
1.4	64QAM	3	1	22.50	22.61	22.64		
1.4	64QAM	3	3	22.67	22.76	22.57		
1.4	64QAM	6	0	21.70	21.74	21.65	22.7	2.5
1.4	256QAM	1	0	19.72	19.74	19.67		
1.4	256QAM	1	3	19.52	19.64	19.64		
1.4	256QAM	1	5	19.63	19.76	19.62	20.7	4.5
1.4	256QAM	3	0	19.68	19.76	19.63		
1.4	256QAM	3	1	19.68	19.79	19.63		
1.4	256QAM	3	3	19.52	19.63	19.61		
1.4	256QAM	6	0	19.67	19.75	19.59	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				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	22.60	22.70	22.59		
20	QPSK	1	49	22.55	22.59	22.55	23	0
20	QPSK	1	99	22.50	22.54	22.48		
20	QPSK	50	0	22.47	22.63	22.49		
20	QPSK	50	24	22.46	22.51	22.43	23	0
20	QPSK	50	50	22.38	22.45	22.41		
20	QPSK	100	0	22.48	22.61	22.52		
20	16QAM	1	0	22.53	22.63	22.50		
20	16QAM	1	49	22.47	22.52	22.47	23	0
20	16QAM	1	99	22.40	22.44	22.41		
20	16QAM	50	0	22.51	22.58	22.50		
20	16QAM	50	24	22.44	22.46	22.45	23	0
20	16QAM	50	50	22.43	22.46	22.39		
20	16QAM	100	0	22.50	22.62	22.50		
20	64QAM	1	0	22.47	22.48	22.44		
20	64QAM	1	49	22.41	22.44	22.35	23	0
20	64QAM	1	99	22.47	22.60	22.51		
20	64QAM	50	0	21.51	21.58	21.52		
20	64QAM	50	24	21.48	21.59	21.48	22	1
20	64QAM	50	50	21.48	21.49	21.45		
20	64QAM	100	0	21.40	21.42	21.36		
20	256QAM	1	0	19.49	19.59	19.46		
20	256QAM	1	49	19.43	19.47	19.46	20	3
20	256QAM	1	99	19.38	19.46	19.37		
20	256QAM	50	0	19.48	19.59	19.49		
20	256QAM	50	24	19.48	19.63	19.52	20	3
20	256QAM	50	50	19.47	19.50	19.43		
20	256QAM	100	0	19.39	19.46	19.37		
Channel				37825	38000	38175	Tune-up limit	MPR
Frequency (MHz)				2577.5	2595	2612.5	(dBm)	(dB)
15	QPSK	1	0	22.48	22.59	22.51		
15	QPSK	1	37	22.46	22.50	22.45	23	0
15	QPSK	1	74	22.40	22.44	22.36		
15	QPSK	36	0	22.35	22.51	22.40		
15	QPSK	36	20	22.37	22.42	22.31	23	0
15	QPSK	36	39	22.25	22.33	22.30		
15	QPSK	75	0	22.38	22.48	22.43		
15	16QAM	1	0	22.41	22.54	22.42		
15	16QAM	1	37	22.36	22.39	22.38	23	0
15	16QAM	1	74	22.33	22.32	22.31		
15	16QAM	36	0	22.41	22.45	22.43		
15	16QAM	36	20	22.33	22.35	22.37	23	0
15	16QAM	36	39	22.36	22.38	22.27		
15	16QAM	75	0	22.40	22.51	22.42		
15	64QAM	1	0	22.34	22.37	22.32		
15	64QAM	1	37	22.29	22.33	22.25	23	0
15	64QAM	1	74	22.37	22.51	22.41		
15	64QAM	36	0	21.44	21.49	21.44		
15	64QAM	36	20	21.37	21.48	21.40	22	1
15	64QAM	36	39	21.38	21.37	21.34		
15	64QAM	75	0	21.29	21.33	21.25		
15	256QAM	1	0	19.38	19.49	19.35		
15	256QAM	1	37	19.36	19.34	19.37	20	3
15	256QAM	1	74	19.28	19.38	19.29		
15	256QAM	36	0	19.35	19.50	19.42		
15	256QAM	36	20	19.38	19.52	19.40	20	3
15	256QAM	36	39	19.37	19.43	19.36		
15	256QAM	75	0	19.31	19.39	19.29		
Channel				37600	38000	38200	Tune-up limit	MPR
Frequency (MHz)				2575	2595	2615	(dBm)	(dB)
10	QPSK	1	0	22.50	22.62	22.51		
10	QPSK	1	25	22.43	22.49	22.43	23	0
10	QPSK	1	49	22.40	22.43	22.38		
10	QPSK	25	0	22.35	22.53	22.38		
10	QPSK	25	12	22.38	22.42	22.32	23	0
10	QPSK	25	25	22.29	22.35	22.33		
10	QPSK	50	0	22.41	22.54	22.43		
10	16QAM	1	0	22.44	22.51	22.40		
10	16QAM	1	25	22.38	22.43	22.36	23	0
10	16QAM	1	49	22.32	22.35	22.30		
10	16QAM	25	0	22.39	22.50	22.41		
10	16QAM	25	12	22.35	22.35	22.38	23	0
10	16QAM	25	25	22.35	22.38	22.31		
10	16QAM	50	0	22.42	22.52	22.41		
10	64QAM	1	0	22.38	22.36	22.33		
10	64QAM	1	25	22.32	22.33	22.27	23	0
10	64QAM	1	49	22.36	22.47	22.39		
10	64QAM	25	0	21.39	21.45	21.41		
10	64QAM	25	12	21.41	21.50	21.37	22	1
10	64QAM	25	25	21.37	21.38	21.36		
10	64QAM	50	0	21.28	21.33	21.24		
10	256QAM	1	0	19.40	19.47	19.35		
10	256QAM	1	25	19.31	19.40	19.35	20	3
10	256QAM	1	49	19.27	19.33	19.27		
10	256QAM	25	0	19.41	19.50	19.39		
10	256QAM	25	12	19.37	19.54	19.41	20	3
10	256QAM	25	25	19.35	19.39	19.35		
10	256QAM	50	0	19.27	19.38	19.25		
Channel				37775	38000	38225	Tune-up limit	MPR
Frequency (MHz)				2572.5	2595	2617.5	(dBm)	(dB)
5	QPSK	1	0	22.51	22.61	22.50		
5	QPSK	1	12	22.43	22.50	22.48	23	0
5	QPSK	1	24	22.42	22.45	22.39		
5	QPSK	12	0	22.36	22.52	22.40		
5	QPSK	12	7	22.33	22.40	22.34	23	0
5	QPSK	12	13	22.30	22.37	22.31		
5	QPSK	25	0	22.37	22.51	22.42		
5	16QAM	1	0	22.44	22.56	22.43		
5	16QAM	1	12	22.39	22.44	22.38	23	0
5	16QAM	1	24	22.30	22.35	22.29		
5	16QAM	12	0	22.44	22.49	22.41		
5	16QAM	12	7	22.33	22.34	22.35	23	0
5	16QAM	12	13	22.33	22.39	22.26		
5	16QAM	25	0	22.42	22.51	22.41		
5	64QAM	1	0	22.36	22.39	22.36		
5	64QAM	1	12	22.32	22.35	22.24	23	0
5	64QAM	1	24	22.37	22.48	22.42		
5	64QAM	12	0	21.41	21.47	21.42		
5	64QAM	12	7	21.40	21.47	21.35	22	1
5	64QAM	12	13	21.35	21.39	21.32		
5	64QAM	25	0	21.32	21.29	21.28		
5	256QAM	1	0	19.37	19.48	19.34		
5	256QAM	1	12	19.30	19.40	19.39	20	3
5	256QAM	1	24	19.29	19.37	19.29		
5	256QAM	12	0	19.40	19.51	19.36		
5	256QAM	12	7	19.39	19.52	19.44	20	3
5	256QAM	12	13	19.37	19.42	19.34		
5	256QAM	25	0	19.29	19.36	19.25		

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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	22.63	22.57	22.71	22.63	22.55		
20	QPSK	1	49	22.47	22.40	22.54	22.42	22.45	23.2	0
20	QPSK	1	99	22.39	22.34	22.48	22.37	22.43		
20	QPSK	50	0	22.55	22.60	22.67	22.56	22.59		
20	QPSK	50	24	22.32	22.24	22.50	22.32	22.40	23.2	0
20	QPSK	50	50	22.28	22.24	22.32	22.23	22.31		
20	QPSK	100	0	22.57	22.49	22.61	22.52	22.54		
20	16QAM	1	0	22.51	22.30	22.59	22.38	22.43		
20	16QAM	1	49	22.32	22.30	22.45	22.37	22.41	23.2	0
20	16QAM	1	99	22.29	22.26	22.38	22.28	22.41		
20	16QAM	50	0	22.45	22.38	22.62	22.39	22.50		
20	16QAM	50	24	22.44	22.28	22.39	22.37	22.37	23.2	0
20	16QAM	50	50	22.36	22.28	22.30	22.27	22.26		
20	16QAM	100	0	22.46	22.41	22.66	22.32	22.43		
20	64QAM	1	0	22.47	22.38	22.65	22.32	22.46		
20	64QAM	1	49	22.42	22.29	22.50	22.29	22.38	23.2	0
20	64QAM	1	99	22.26	22.17	22.38	22.34	22.28		
20	64QAM	50	0	21.52	21.30	21.57	21.27	21.42		
20	64QAM	50	24	21.50	21.41	21.66	21.39	21.41	22.2	1
20	64QAM	50	50	21.39	21.27	21.37	21.27	21.32		
20	64QAM	100	0	21.22	21.29	21.32	21.31	21.31		
20	256QAM	1	0	19.51	19.44	19.55	19.31	19.39		
20	256QAM	1	49	19.35	19.31	19.43	19.37	19.28	20.2	3
20	256QAM	1	99	19.27	19.30	19.30	19.25	19.33		
20	256QAM	50	0	19.46	19.44	19.66	19.38	19.39		
20	256QAM	50	24	19.46	19.39	19.68	19.32	19.43	20.2	3
20	256QAM	50	50	19.41	19.27	19.48	19.29	19.29		
20	256QAM	100	0	19.22	19.28	19.46	19.35	19.38		
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	22.50	22.34	22.58	22.32	22.48		
15	QPSK	1	37	22.42	22.39	22.42	22.37	22.34	23	0
15	QPSK	1	74	22.32	22.36	22.34	22.24	22.38		
15	QPSK	36	0	22.48	22.34	22.49	22.22	22.41		
15	QPSK	36	20	22.29	22.11	22.48	22.29	22.37	23.2	0
15	QPSK	36	39	22.24	22.12	22.21	22.24	22.27		
15	QPSK	75	0	22.35	22.28	22.49	22.15	22.43		
15	16QAM	1	0	22.44	22.25	22.47	22.26	22.42		
15	16QAM	1	37	22.22	22.28	22.45	22.26	22.28	23.2	0
15	16QAM	1	74	22.16	22.27	22.32	22.23	22.30		
15	16QAM	36	0	22.40	22.24	22.57	22.34	22.40		
15	16QAM	36	20	22.38	22.26	22.29	22.36	22.36	23.2	0
15	16QAM	36	39	22.25	22.17	22.23	22.27	22.12		
15	16QAM	75	0	22.42	22.39	22.52	22.23	22.36		
15	64QAM	1	0	22.44	22.26	22.58	22.30	22.39		
15	64QAM	1	37	22.32	22.17	22.43	22.20	22.28	23.2	0
15	64QAM	1	74	22.28	22.18	22.39	22.36	22.23		
15	64QAM	36	0	21.38	21.18	21.49	21.25	21.37		
15	64QAM	36	20	21.37	21.28	21.54	21.37	21.37	22.2	1
15	64QAM	36	39	21.37	21.19	21.38	21.26	21.21		
15	64QAM	75	0	21.12	21.22	21.19	21.31	21.26		
15	256QAM	1	0	19.43	19.36	19.49	19.23	19.36		
15	256QAM	1	37	19.23	19.29	19.38	19.37	19.29	20.2	3
15	256QAM	1	74	19.24	19.18	19.28	19.23	19.26		
15	256QAM	36	0	19.33	19.41	19.59	19.32	19.36		
15	256QAM	36	20	19.42	19.25	19.59	19.29	19.42	20.2	3
15	256QAM	36	39	19.36	19.26	19.41	19.20	19.28		
15	256QAM	75	0	19.15	19.14	19.38	19.25	19.34		
Channel				39700	40160	40620	41080	41540	Tune-up limit	MPR
Frequency (MHz)				2501	2547	2593	2639	2685	(dBm)	(dB)
10	QPSK	1	0	22.54	22.37	22.65	22.33	22.55		
10	QPSK	1	25	22.44	22.32	22.44	22.39	22.46	23.20	0
10	QPSK	1	49	22.26	22.35	22.49	22.36	22.36		
10	QPSK	25	0	22.44	22.40	22.51	22.27	22.37		
10	QPSK	25	12	22.24	22.23	22.40	22.26	22.38	23.2	0
10	QPSK	25	25	22.30	22.22	22.32	22.09	22.28		
10	QPSK	50	0	22.41	22.21	22.60	22.17	22.29		
10	16QAM	1	0	22.43	22.21	22.47	22.24	22.37		
10	16QAM	1	25	22.24	22.27	22.47	22.26	22.41	23.2	0
10	16QAM	1	49	22.29	22.25	22.33	22.27	22.33		
10	16QAM	25	0	22.34	22.25	22.51	22.29	22.49		
10	16QAM	25	12	22.45	22.19	22.29	22.29	22.24	23.2	0
10	16QAM	25	25	22.25	22.18	22.30	22.27	22.13		
10	16QAM	50	0	22.47	22.28	22.64	22.20	22.32		
10	64QAM	1	0	22.44	22.33	22.59	22.23	22.41		
10	64QAM	1	25	22.34	22.29	22.47	22.17	22.30	23.2	0
10	64QAM	1	49	22.17	22.11	22.35	22.30	22.27		
10	64QAM	25	0	21.42	21.20	21.52	21.20	21.36		
10	64QAM	25	12	21.50	21.31	21.65	21.40	21.30	22.2	1
10	64QAM	25	25	21.36	21.22	21.37	21.21	21.30		
10	64QAM	50	0	21.12	21.24	21.34	21.18	21.30		
10	256QAM	1	0	19.51	19.41	19.50	19.27	19.31		
10	256QAM	1	25	19.36	19.25	19.38	19.27	19.28	20.2	3
10	256QAM	1	49	19.19	19.21	19.25	19.12	19.27		
10	256QAM	25	0	19.38	19.30	19.65	19.32	19.40		
10	256QAM	25	12	19.32	19.37	19.56	19.27	19.37	20.2	3
10	256QAM	25	25	19.38	19.24	19.41	19.29	19.18		
10	256QAM	50	0	19.21	19.25	19.47	19.30	19.34		
Channel				39675	40148	40620	41093	41565	Tune-up limit	MPR
Frequency (MHz)				2498.5	2546.8	2593	2640.30	2687.5	(dBm)	(dB)
5	QPSK	1	0	22.36	22.30	22.52	22.22	22.36		
5	QPSK	1	12	22.26	22.15	22.27	22.25	22.21	23.20	0
5	QPSK	1	24	22.23	22.11	22.31	22.23	22.20		
5	QPSK	12	0	22.42	22.14	22.43	21.99	22.23		
5	QPSK	12	7	22.04	21.99	22.24	22.05	22.16	23.2	0
5	QPSK	12	13	22.12	22.11	22.16	21.97	22.14		
5	QPSK	25	0	22.21	22.09	22.42	22.03	22.14		
5	16QAM	1	0	22.25	22.03	22.46	22.17	22.25		
5	16QAM	1	12	22.08	22.01	22.26	22.10	22.17	23.2	0
5	16QAM	1	24	22.08	22.06	22.14	22.02	22.18		
5	16QAM	12	0	22.17	22.17	22.45	22.19	22.35		
5	16QAM	12	7	22.21	22.12	22.22	22.08	22.19	23.2	0
5	16QAM	12	13	22.22	22.07	22.10	22.04	21.99		
5	16QAM	25	0	22.26	22.22	22.47	22.15	22.29		
5	64QAM	1	0	22.20	22.18	22.44	22.03	22.31		
5	64QAM	1	12	22.00	22.13	22.37	22.14	22.21	23.2	0
5	64QAM	1	24	22.01	22.01	22.14	22.11	22.08		
5	64QAM	12	0	21.33	21.11	21.42	20.99	21.22		
5	64QAM	12	7	21.21	21.28	21.42	21.24	21.24	22.2	1
5	64QAM	12	13	21.18	21.11	21.10	21.14	21.18		
5	64QAM	25	0	20.95	21.04	21.04	21.09	21.10		
5	256QAM	1	0	19.30	19.21	19.41	19.16	19.18		
5	256QAM	1	12	19.09	19.08	19.18	19.16	19.14	20.2	3
5	256QAM	1	24	19.08	19.13	19.16	18.97	19.16		
5	256QAM	12	0	19.28	19.19	19.47	19.16	19.14		
5	256QAM	12	7	19.33	19.10	19.49	19.11	19.16	20.2	3
5	256QAM	12	13	19.26	19.03	19.30	19.16	19.12		
5	256QAM	25	0	18.98	18.99	19.30	19.16	19.14		

		GSM1900 Ant2 Default							
GSM1900		Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel		512	661	810		512	661	810	
Frequency (MHz)		1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot		30.33	30.39	30.29	31.00	21.33	21.39	21.29	22.00
GPRS 1 Tx slot		30.27	30.35	30.25	31.00	21.27	21.35	21.25	22.00
GPRS 2 Tx slots		26.90	27.02	26.86	28.00	20.90	21.02	20.86	22.00
GPRS 3 Tx slots		25.60	25.69	25.51	26.20	21.34	21.43	21.25	21.94
GPRS 4 Tx slots		24.48	24.58	24.32	25.00	21.48	21.58	21.32	22.00
EDGE 1 Tx slot		25.58	25.77	25.63	26.50	16.58	16.77	16.63	17.50
EDGE 2 Tx slots		22.38	22.47	22.33	23.50	16.38	16.47	16.33	17.50
EDGE 3 Tx slots		20.53	20.78	20.60	21.70	16.27	16.52	16.34	17.44
EDGE 4 Tx slots		18.56	18.61	18.58	20.50	15.56	15.61	15.58	17.50

		WCDMA II Ant2 Default				WCDMA IV Ant2 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	24.34	24.36	24.28	25.00	24.23	24.30	24.17	25.00
3GPP Rel 99	RMC 12.2Kbps	24.40	24.43	24.33	25.00	24.31	24.38	24.28	25.00
3GPP Rel 6	HSDPA Subtest-1	23.35	23.46	23.27	24.00	23.42	23.36	23.19	24.00
3GPP Rel 6	HSDPA Subtest-2	23.64	23.35	23.29	24.00	23.37	23.34	23.34	24.00
3GPP Rel 6	HSDPA Subtest-3	23.03	22.86	22.86	23.50	22.94	22.89	22.85	23.50
3GPP Rel 6	HSDPA Subtest-4	23.03	23.03	22.71	23.50	22.83	22.76	22.89	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	23.47	23.55	23.33	24.00	23.55	23.33	23.17	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	23.35	23.40	23.36	24.00	23.27	23.43	23.11	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	23.10	22.89	22.98	23.50	22.96	22.83	22.61	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	23.06	23.02	22.85	23.50	22.81	22.81	22.73	23.50
3GPP Rel 6	HSUPA Subtest-1	23.48	23.35	23.46	24.00	23.47	23.33	23.25	24.00
3GPP Rel 6	HSUPA Subtest-2	21.63	21.41	21.21	22.00	21.35	21.44	21.26	22.00
3GPP Rel 6	HSUPA Subtest-3	22.51	22.52	22.38	23.00	22.36	22.36	22.39	23.00
3GPP Rel 6	HSUPA Subtest-4	21.49	21.38	21.21	22.00	21.56	21.40	21.27	22.00
3GPP Rel 6	HSUPA Subtest-5	23.47	23.36	23.27	24.00	23.36	23.36	23.33	24.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	21.05	21.03	20.80	21.50	20.93	20.79	20.84	21.50

Band 2 Ant2 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	24.31	24.49	24.40	25.2	0
20	QPSK	1	49	24.26	24.32	24.21		
20	QPSK	1	99	24.22	24.27	24.19		
20	QPSK	50	0	23.28	23.40	23.35	24.2	1
20	QPSK	50	24	23.27	23.32	23.24		
20	QPSK	50	50	23.33	23.38	23.30		
20	QPSK	100	0	23.23	23.37	23.33		
20	16QAM	1	0	23.33	23.42	23.36		
20	16QAM	1	49	23.30	23.37	23.24	24.2	1
20	16QAM	1	99	23.19	23.33	23.29		
20	16QAM	50	0	22.34	22.44	22.40		
20	16QAM	50	24	22.29	22.36	22.22	23.2	2
20	16QAM	50	50	22.28	22.34	22.19		
20	16QAM	100	0	22.32	22.41	22.28		
20	64QAM	1	0	22.29	22.36	22.22		
20	64QAM	1	49	22.16	22.24	22.10	23.2	2
20	64QAM	1	99	22.18	22.30	22.27		
20	64QAM	50	0	21.31	21.39	21.31		
20	64QAM	50	24	21.19	21.33	21.19	22.2	3
20	64QAM	50	50	21.16	21.25	21.11		
20	64QAM	100	0	21.37	21.45	21.34		
20	256QAM	1	0	19.44	19.55	19.50	20.2	5
20	256QAM	1	49	19.42	19.46	19.35		
20	256QAM	1	99	19.39	19.50	19.38		
20	256QAM	50	0	19.33	19.42	19.31	20.2	5
20	256QAM	50	24	19.23	19.31	19.25		
20	256QAM	50	50	19.26	19.32	19.18		
20	256QAM	100	0	19.33	19.46	19.34		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	24.18	24.35	24.33	25.2	0
15	QPSK	1	37	24.16	24.25	24.07		
15	QPSK	1	74	24.19	24.16	24.10		
15	QPSK	36	0	23.15	23.27	23.30	24.2	1
15	QPSK	36	20	23.24	23.20	23.21		
15	QPSK	36	39	23.27	23.30	23.24		
15	QPSK	75	0	23.18	23.28	23.20		
15	16QAM	1	0	23.26	23.35	23.27		
15	16QAM	1	37	23.25	23.27	23.13	24.2	1
15	16QAM	1	74	23.04	22.20	23.23		
15	16QAM	36	0	22.25	22.33	22.33	23.2	2
15	16QAM	36	20	22.17	22.31	22.07		
15	16QAM	36	39	22.15	22.23	22.04		
15	16QAM	75	0	22.27	22.34	22.20		
15	64QAM	1	0	22.22	22.21	22.12		
15	64QAM	1	37	22.08	22.14	22.07	23.2	2
15	64QAM	1	74	22.11	22.25	22.17		
15	64QAM	36	0	21.26	21.28	21.26		
15	64QAM	36	20	21.09	21.25	21.05	22.2	3
15	64QAM	36	39	21.10	21.16	21.04		
15	64QAM	75	0	21.25	21.41	21.28		
15	256QAM	1	0	19.37	19.51	19.45	20.2	5
15	256QAM	1	37	19.38	19.36	19.31		
15	256QAM	1	74	19.25	19.36	19.26		
15	256QAM	36	0	19.28	19.29	19.28	20.2	5
15	256QAM	36	20	19.08	19.20	19.17		
15	256QAM	36	39	19.19	19.23	19.15		
15	256QAM	75	0	19.21	19.39	19.23		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	24.20	24.44	24.33	25.2	0
10	QPSK	1	25	24.14	24.22	24.11		
10	QPSK	1	49	24.11	24.16	24.08		
10	QPSK	25	0	23.21	23.34	23.28	24.2	1
10	QPSK	25	13	23.24	23.28	23.18		
10	QPSK	25	25	23.23	23.29	23.19		
10	QPSK	50	0	23.20	23.25	23.29		
10	16QAM	1	0	23.27	23.32	23.27	24.2	1
10	16QAM	1	25	23.17	23.22	23.15		
10	16QAM	1	49	23.12	23.27	23.22		
10	16QAM	25	0	22.21	22.39	22.26	23.2	2
10	16QAM	25	12	22.26	22.33	22.14		
10	16QAM	25	25	22.19	22.26	22.15		
10	16QAM	50	0	22.19	22.33	22.17		
10	64QAM	1	0	22.17	22.26	22.13	23.2	2
10	64QAM	1	25	22.08	22.18	21.98		
10	64QAM	1	49	22.05	22.26	22.14		
10	64QAM	25	0	21.20	21.33	21.24	22.2	3
10	64QAM	25	12	21.07	21.28	21.04		
10	64QAM	25	25	21.13	21.19	21.08		
10	64QAM	50	0	21.28	21.35	21.24		
10	256QAM	1	0	19.36	19.46	19.36	20.2	5
10	256QAM	1	25	19.34	19.32	19.28		
10	256QAM	1	49	19.33	19.40	19.32		
10	256QAM	25	0	19.21	19.36	19.19	20.2	5
10	256QAM	25	12	19.11	19.20	19.11		
10	256QAM	25	25	19.22	19.24	19.12		
10	256QAM	50	0	19.20	19.41	19.20		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	24.22	24.44	24.27	25.2	0
5	QPSK	1	12	24.17	24.19	24.07		
5	QPSK	1	24	24.10	24.16	24.15		
5	QPSK	12	0	23.19	23.36	23.26	24.2	1
5	QPSK	12	7	23.21	23.27	23.15		
5	QPSK	12	13	23.21	23.35	23.21		
5	QPSK	25	0	23.09	23.30	23.19		
5	16QAM	1	0	23.29	23.38	23.25	24.2	1
5	16QAM	1	12	23.20	23.25	23.17		
5	16QAM	1	24	23.15	23.25	23.15		
5	16QAM	12	0	22.29	22.30	22.32	23.2	2
5	16QAM	12	7	22.18	22.32	22.10		
5	16QAM	12	13	22.26	22.21	22.05		
5	16QAM	25	0	22.18	22.33	22.14		
5	64QAM	1	0	22.22	22.27	22.17	23.2	2
5	64QAM	1	12	22.08	22.09	21.96		
5	64QAM	1	24	22.06	22.18	22.15		
5	64QAM	12	0	21.19	21.27	21.17	22.2	3
5	64QAM	12	7	21.14	21.28	21.11		
5	64QAM	12	13	21.07	21.14	21.02		
5	64QAM	25	0	21.25	21.31	21.22		
5	256QAM	1	0	19.39	19.50	19.36	20.2	5
5	256QAM	1	12	19.28	19.34	19.32		
5	256QAM	1	24	19.33	19.44	19.25		
5	256QAM	12	0	19.22	19.37	19.17	20.2	5
5	256QAM	12	7	19.09	19.17	19.18		
5	256QAM	12	13	19.19	19.28	19.11		
5	256QAM	25	0	19.21	19.38	19.27		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	24.24	24.38	24.30	25.2	0
3	QPSK	1	8	24.21	24.25	24.13		
3	QPSK	1	14	24.11	24.20	24.09		
3	QPSK	8	0	23.21	23.29	23.21	24.2	1
3	QPSK	8	4	23.17	23.26	23.20		
3	QPSK	8	7	23.28	23.30	23.17		
3	QPSK	15	0	23.17	23.30	23.21		
3	16QAM	1	0	23.24	23.39	23.25	24.2	1
3	16QAM	1	8	23.25	23.29	23.16		
3	16QAM	1	14	23.06	23.19	23.14		
3	16QAM	8	0	22.26	22.39	22.33	23.2	2
3	16QAM	8	4	22.22	22.23	22.13		
3	16QAM	8	7	22.24	22.28	22.07		
3	16QAM	15	0	22.20	22.31	22.24		
3	64QAM	1	0	22.15	22.30	22.15	23.2	2
3	64QAM	1	8	22.05	22.19	22.06		
3	64QAM	1	14	22.05	22.16	22.23		
3	64QAM	8	0	21.27	21.24	21.23	22.2	3
3	64QAM	8	4	21.06	21.23	21.10		
3	64QAM	8	7	21.10	21.21	21.03		
3	64QAM	15	0	21.31	21.41	21.22		
3	256QAM	1	0	19.41	19.46	19.38	20.2	5
3	256QAM	1	8	19.29	19.32	19.22		
3	256QAM	1	14	19.25	19.40	19.33		
3	256QAM	8	0	19.21	19.29	19.18	20.2	5
3	256QAM	8	4	19.17	19.16	19.12		
3	256QAM	8	7	19.15	19.27	19.08		
3	256QAM	15	0	19.21	19.37	19.28		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	24.23	24.36	24.36	25.2	0
1.4	QPSK	1	3	24.18	24.20	24.18		
1.4	QPSK	1	5	24.17	24.14	24.05		
1.4	QPSK	3	0	24.17	24.37	24.26		
1.4	QPSK	3	1	24.17	24.28	24.20		
1.4	QPSK	3	3	24.26	24.28	24.23		
1.4	QPSK	6	0	23.16	23.29	23.28	24.2	1
1.4	16QAM	1	0	23.21	23.35	23.23	24.2	1
1.4	16QAM	1	3	23.19	23.29	23.20		
1.4	16QAM	1	5	23.12	23.27	23.22		
1.4	16QAM	3	0	23.20	23.37	23.34		
1.4	16QAM	3	1	23.17	23.27	23.09		
1.4	16QAM	3	3	23.13	23.21	23.06		
1.4	16QAM	6	0	22.18	22.26	22.19	23.2	2
1.4	64QAM	1	0	22.21	22.24	22.08	23.2	2
1.4	64QAM	1	3	22.01	22.20	22.02		
1.4	64QAM	1	5	22.14	22.22	22.14		
1.4	64QAM	3	0	22.19	22.29	22.23		
1.4	64QAM	3	1	22.06	22.27	22.04		
1.4	64QAM	3	3	22.01	22.17	22.02		
1.4	64QAM	6	0	21.31	21.35	21.27	22.2	3
1.4	256QAM	1	0	19.41	19.48	19.42	20.2	5
1.4	256QAM	1	3	19.35	19.35	19.27		
1.4	256QAM	1	5	19.33	19.37	19.27		
1.4	256QAM	3	0	19.28	19.31	19.22		
1.4	256QAM	3	1	19.09	19.24	19.16		
1.4	256QAM	3	3	19.23	19.22	19.04		
1.4	256QAM	6	0	19.21	19.42	19.20	20.2	5

Band 4 Ant2 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	24.87	25.00	24.82	25.7	0
20	QPSK	1	49	24.88	24.97	24.85		
20	QPSK	1	99	24.87	24.98	24.84		
20	QPSK	50	0	23.99	24.03	23.94	24.7	1
20	QPSK	50	24	23.90	23.94	23.90		
20	QPSK	50	50	23.79	23.92	23.87		
20	QPSK	100	0	23.96	24.01	23.97		
20	16QAM	1	0	23.99	24.10	23.98		
20	16QAM	1	49	23.97	24.02	23.87	24.7	1
20	16QAM	1	99	23.85	23.98	23.93		
20	16QAM	50	0	22.91	22.98	22.94		
20	16QAM	50	24	22.73	22.85	22.75	23.7	2
20	16QAM	50	50	22.78	22.92	22.82		
20	16QAM	100	0	22.97	23.03	22.95		
20	64QAM	1	0	22.97	23.06	23.00		
20	64QAM	1	49	22.97	23.02	22.90	23.7	2
20	64QAM	1	99	22.89	22.97	22.88		
20	64QAM	50	0	21.87	22.00	21.97		
20	64QAM	50	24	21.74	21.85	21.81	22.7	3
20	64QAM	50	50	21.87	21.97	21.91		
20	64QAM	100	0	21.97	22.04	21.96		
20	256QAM	1	0	19.77	19.91	19.84	20.7	5
20	256QAM	1	49	19.78	19.82	19.71		
20	256QAM	1	99	19.77	19.82	19.67		
20	256QAM	50	0	19.93	20.04	19.98	20.7	5
20	256QAM	50	24	19.81	19.90	19.81		
20	256QAM	50	50	19.87	19.92	19.87		
20	256QAM	100	0	19.86	20.00	19.96		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	24.80	24.86	24.75	25.7	0
15	QPSK	1	37	24.80	24.88	24.82		
15	QPSK	1	74	24.78	24.86	24.74		
15	QPSK	36	0	23.90	23.98	23.88	24.7	1
15	QPSK	36	20	23.80	23.81	23.75		
15	QPSK	36	39	23.94	23.79	23.76		
15	QPSK	75	0	23.91	23.97	23.84		
15	16QAM	1	0	23.90	23.95	23.85	24.7	1
15	16QAM	1	37	23.92	23.95	23.76		
15	16QAM	1	74	23.82	23.92	23.83		
15	16QAM	36	0	22.86	22.84	22.82	23.7	2
15	16QAM	36	20	22.66	22.80	22.65		
15	16QAM	36	39	22.74	22.80	22.75		
15	16QAM	75	0	22.82	22.95	22.88		
15	64QAM	1	0	22.92	23.02	22.88	23.7	2
15	64QAM	1	37	22.87	22.98	22.83		
15	64QAM	1	74	22.82	22.89	22.74		
15	64QAM	36	0	21.80	21.95	21.89	22.7	3
15	64QAM	36	20	21.65	21.79	21.72		
15	64QAM	36	39	21.76	21.86	21.84		
15	64QAM	75	0	21.85	21.91	21.91		
15	256QAM	1	0	19.63	19.79	19.78	20.7	5
15	256QAM	1	37	19.71	19.78	19.67		
15	256QAM	1	74	19.62	19.75	19.58		
15	256QAM	36	0	19.85	19.96	19.93	20.7	5
15	256QAM	36	20	19.68	19.79	19.67		
15	256QAM	36	39	19.82	19.91	19.75		
15	256QAM	75	0	19.73	19.95	19.84		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	24.81	24.90	24.74	25.7	0
10	QPSK	1	25	24.73	24.91	24.70		
10	QPSK	1	49	24.76	24.92	24.73		
10	QPSK	25	0	23.93	23.99	23.91	24.7	1
10	QPSK	25	13	23.81	23.88	23.84		
10	QPSK	25	25	23.66	23.82	23.81		
10	QPSK	50	0	23.84	23.93	23.94		
10	16QAM	1	0	23.84	24.04	23.95	24.7	1
10	16QAM	1	25	23.89	23.90	23.77		
10	16QAM	1	49	23.80	23.92	23.87		
10	16QAM	25	0	22.87	22.85	22.83	23.7	2
10	16QAM	25	12	22.68	22.81	22.65		
10	16QAM	25	25	22.66	22.82	22.68		
10	16QAM	50	0	22.87	22.92	22.92		
10	64QAM	1	0	22.92	23.01	22.88	23.7	2
10	64QAM	1	25	22.86	22.88	22.83		
10	64QAM	1	49	22.75	22.92	22.77		
10	64QAM	25	0	21.77	21.91	21.91	22.7	3
10	64QAM	25	12	21.67	21.82	21.76		
10	64QAM	25	25	21.73	21.88	21.85		
10	64QAM	50	0	21.91	21.92	21.83		
10	256QAM	1	0	19.71	19.80	19.71	20.7	5
10	256QAM	1	25	19.66	19.78	19.62		
10	256QAM	1	49	19.63	19.74	19.52		
10	256QAM	25	0	19.68	19.91	19.90	20.7	5
10	256QAM	25	12	19.72	19.88	19.77		
10	256QAM	25	25	19.80	19.78	19.76		
10	256QAM	50	0	19.72	19.89	19.87		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	24.83	24.90	24.71	25.7	0
5	QPSK	1	12	24.83	24.86	24.74		
5	QPSK	1	24	24.74	24.87	24.80		
5	QPSK	12	0	23.87	23.95	23.83	24.7	1
5	QPSK	12	7	23.91	23.85	23.82		
5	QPSK	12	13	23.68	23.89	23.76		
5	QPSK	25	0	23.86	23.97	23.89		
5	16QAM	1	0	23.90	24.01	23.87	24.7	1
5	16QAM	1	12	23.90	24.00	23.73		
5	16QAM	1	24	23.80	23.84	23.88		
5	16QAM	12	0	22.83	22.90	22.84	23.7	2
5	16QAM	12	7	22.66	22.79	22.70		
5	16QAM	12	13	22.73	22.79	22.78		
5	16QAM	25	0	22.91	22.96	22.82		
5	64QAM	1	0	22.82	22.95	22.95	23.7	2
5	64QAM	1	12	22.83	22.99	22.79		
5	64QAM	1	24	22.83	22.90	22.79		
5	64QAM	12	0	21.79	21.96	21.88	22.7	3
5	64QAM	12	7	21.61	21.71	21.77		
5	64QAM	12	13	21.74	21.89	21.82		
5	64QAM	25	0	21.85	21.96	21.83		
5	256QAM	1	0	19.64	19.79	19.70	20.7	5
5	256QAM	1	12	19.65	19.77	19.57		
5	256QAM	1	24	19.63	19.75	19.63		
5	256QAM	12	0	19.79	19.91	19.90	20.7	5
5	256QAM	12	7	19.74	19.85	19.68		
5	256QAM	12	13	19.73	19.79	19.82		
5	256QAM	25	0	19.77	19.93	19.90		
Channel				19950	20175	20400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	24.80	24.89	24.75	25.7	0
3	QPSK	1	8	24.79	24.83	24.74		
3	QPSK	1	14	24.75	24.89	24.77		
3	QPSK	8	0	23.88	23.97	23.89	24.7	1
3	QPSK	8	4	23.77	23.91	23.94		
3	QPSK	8	7	23.72	23.85	23.83		
3	QPSK	15	0	23.88	23.90	23.89		
3	16QAM	1	0	23.95	24.01	23.89	24.7	1
3	16QAM	1	8	23.82	23.99	23.83		
3	16QAM	1	14	23.71	23.91	23.84		
3	16QAM	8	0	22.78	22.91	22.83	23.7	2
3	16QAM	8	4	22.60	22.77	22.67		
3	16QAM	8	7	22.72	22.80	22.74		
3	16QAM	15	0	22.86	22.88	22.91		
3	64QAM	1	0	22.88	23.03	22.90	23.7	2
3	64QAM	1	8	22.87	22.93	22.83		
3	64QAM	1	14	22.78	22.93	22.77		
3	64QAM	8	0	21.84	21.90	21.88	22.7	3
3	64QAM	8	4	21.62	21.71	21.78		
3	64QAM	8	7	21.81	21.88	21.64		
3	64QAM	15	0	21.93	22.00	21.84		
3	256QAM	1	0	19.62	19.83	19.73	20.7	5
3	256QAM	1	8	19.63	19.70	19.65		
3	256QAM	1	14	19.74	19.67	19.64		
3	256QAM	8	0	19.79	19.99	19.92	20.7	5
3	256QAM	8	4	19.68	19.85	19.68		
3	256QAM	8	7	19.83	19.86	19.74		
3	256QAM	15	0	19.75	19.98	19.92		
Channel				19967	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	24.73	24.88	24.68	25.7	0
1.4	QPSK	1	3	24.83	24.93	24.73		
1.4	QPSK	1	5	24.77	24.93	24.70		
1.4	QPSK	3	0	24.90	24.90	24.79		
1.4	QPSK	3	1	24.82	24.84	24.84		
1.4	QPSK	3	3	24.87	24.80	24.79		
1.4	QPSK	6	0	23.83	23.97	23.92	24.7	1
1.4	16QAM	1	0	23.86	24.04	23.85	24.7	1
1.4	16QAM	1	3	23.88	23.95	23.81		
1.4	16QAM	1	5	23.76	23.94	23.88		
1.4	16QAM	3	0	23.85	23.86	23.87		
1.4	16QAM	3	1	23.63	23.76	23.68		
1.4	16QAM	3	3	23.69	23.80	23.72		
1.4	16QAM	6	0	22.94	23.00	22.80	23.7	2
1.4	64QAM	1	0	22.91	22.99	22.89	23.7	2
1.4	64QAM	1	3	22.90	22.95	22.82		
1.4	64QAM	1	5	22.77	22.87	22.74		
1.4	64QAM	3	0	22.82	22.86	22.91		
1.4	64QAM	3	1	22.59	22.71	22.74		
1.4	64QAM	3	3	22.73	22.89	22.85		
1.4	64QAM	6	0	21.89	22.00	21.90	22.7	3
1.4	256QAM	1	0	19.73	19.83	19.73	20.7	5
1.4	256QAM	1	3	19.74	19.67	19.67		
1.4	256QAM	1	5	19.68	19.73	19.60		
1.4	256QAM	3	0	19.80	19.97	19.86		
1.4	256QAM	3	1	19.74	19.85	19.66		
1.4	256QAM	3	3	19.73	19.87	19.77		
1.4	256QAM	6	0	19.80	19.86	19.88	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				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	24.83	25.16	25.05	25.7	0
20	QPSK	1	49	24.86	24.98	24.85		
20	QPSK	1	99	24.86	24.95	24.83		
20	QPSK	50	0	24.04	24.13	24.03	24.7	1
20	QPSK	50	24	23.98	24.01	23.87		
20	QPSK	50	50	24.02	24.07	23.98		
20	QPSK	100	0	23.91	24.03	23.89		
20	16QAM	1	0	24.29	24.32	24.26		
20	16QAM	1	49	24.12	24.18	24.04	24.7	1
20	16QAM	1	99

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BW [MHz]	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	25.06	25.10	25.03	25.7	0
20	QPSK	1	49	25.00	25.05	24.99		
20	QPSK	1	99	24.93	24.96	24.85		
20	QPSK	50	0	24.08	24.11	23.96	24.7	1
20	QPSK	50	24	24.00	24.07	23.94		
20	QPSK	50	50	23.91	24.00	23.88		
20	QPSK	100	0	23.93	24.06	23.94		
20	16QAM	1	0	24.03	24.18	24.06	24.7	1
20	16QAM	1	49	24.05	24.15	24.07		
20	16QAM	1	99	24.03	24.13	24.05		
20	16QAM	50	0	23.03	23.13	23.06	23.7	2
20	16QAM	50	24	22.93	23.07	22.96		
20	16QAM	50	50	22.96	23.01	22.98		
20	16QAM	100	0	22.91	23.02	22.90		
20	64QAM	1	0	22.94	23.09	22.95	23.7	2
20	64QAM	1	49	22.90	23.01	22.86		
20	64QAM	1	99	22.97	23.05	23.02		
20	64QAM	50	0	21.98	22.07	21.99	22.7	3
20	64QAM	50	24	21.89	22.01	21.90		
20	64QAM	50	50	21.85	21.98	21.91		
20	64QAM	100	0	21.97	22.05	21.96		
20	256QAM	1	0	20.03	20.11	19.97	20.7	5
20	256QAM	1	49	19.94	20.01	19.96		
20	256QAM	1	99	19.89	20.00	19.94		
20	256QAM	50	0	19.99	20.09	19.99	20.7	5
20	256QAM	50	24	19.98	20.04	19.94		
20	256QAM	50	50	19.86	19.96	19.90		
20	256QAM	100	0	19.97	20.04	19.92		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	25.00	25.06	25.04	25.7	0
15	QPSK	1	37	24.92	24.93	24.91		
15	QPSK	1	74	24.81	24.86	24.72		
15	QPSK	36	0	23.99	23.97	23.87	24.7	1
15	QPSK	36	20	23.97	23.99	23.87		
15	QPSK	36	39	23.82	23.92	23.83		
15	QPSK	75	0	23.83	23.96	23.80		
15	16QAM	1	0	23.99	24.08	23.91	24.7	1
15	16QAM	1	37	23.95	24.04	23.97		
15	16QAM	1	74	23.97	24.04	23.99		
15	16QAM	36	0	22.88	23.08	22.99	23.7	2
15	16QAM	36	20	22.80	23.00	22.92		
15	16QAM	36	39	22.90	22.86	22.92		
15	16QAM	75	0	22.76	22.88	22.80		
15	64QAM	1	0	22.90	22.99	22.89	23.7	2
15	64QAM	1	37	22.80	22.91	22.82		
15	64QAM	1	74	22.93	22.97	22.94		
15	64QAM	36	0	21.84	21.97	21.92	22.7	3
15	64QAM	36	20	21.84	21.96	21.78		
15	64QAM	36	39	21.78	21.94	21.76		
15	64QAM	75	0	21.92	21.94	21.87		
15	256QAM	1	0	19.92	20.05	19.83	20.7	5
15	256QAM	1	37	19.91	19.97	19.83		
15	256QAM	1	74	19.78	19.85	19.79		
15	256QAM	36	0	19.84	19.97	19.87	20.7	5
15	256QAM	36	20	19.83	19.92	19.87		
15	256QAM	36	39	19.79	19.91	19.83		
15	256QAM	75	0	19.83	19.95	19.82		
Channel				37600	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	24.94	25.08	25.04	25.7	0
10	QPSK	1	25	24.90	24.94	24.92		
10	QPSK	1	49	24.78	24.86	24.81		
10	QPSK	25	0	24.05	24.07	23.82	24.7	1
10	QPSK	25	12	23.89	23.96	23.82		
10	QPSK	25	25	23.87	23.88	23.85		
10	QPSK	50	0	23.81	24.02	23.84		
10	16QAM	1	0	23.95	24.09	23.93	24.7	1
10	16QAM	1	25	23.95	24.08	23.96		
10	16QAM	1	49	24.00	24.09	23.95		
10	16QAM	25	0	23.00	23.05	22.92	23.7	2
10	16QAM	25	12	22.82	22.96	22.92		
10	16QAM	25	25	22.88	22.90	22.85		
10	16QAM	50	0	22.85	22.91	22.76		
10	64QAM	1	0	22.90	22.99	22.81	23.7	2
10	64QAM	1	25	22.78	22.93	22.76		
10	64QAM	1	49	22.91	22.92	22.97		
10	64QAM	25	0	21.88	21.97	21.95	22.7	3
10	64QAM	25	12	21.83	21.89	21.75		
10	64QAM	25	25	21.70	21.87	21.86		
10	64QAM	50	0	21.85	21.97	21.92		
10	256QAM	1	0	19.96	20.06	19.85	20.7	5
10	256QAM	1	25	19.81	19.95	19.86		
10	256QAM	1	49	19.75	19.93	19.83		
10	256QAM	25	0	19.95	19.95	19.88	20.7	5
10	256QAM	25	12	19.87	19.90	19.88		
10	256QAM	25	25	19.72	19.84	19.76		
10	256QAM	50	0	19.89	19.91	19.85		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	24.98	25.04	24.97	25.7	0
5	QPSK	1	12	24.96	24.94	24.87		
5	QPSK	1	24	24.82	24.84	24.77		
5	QPSK	12	0	24.00	23.99	23.83	24.7	1
5	QPSK	12	7	23.88	23.92	23.90		
5	QPSK	12	13	23.78	23.86	23.78		
5	QPSK	25	0	23.78	23.91	23.83		
5	16QAM	1	0	23.96	24.05	24.02	24.7	1
5	16QAM	1	12	24.00	24.09	24.00		
5	16QAM	1	24	23.90	24.00	23.99		
5	16QAM	12	0	22.99	23.01	22.99	23.7	2
5	16QAM	12	7	22.89	22.95	22.84		
5	16QAM	12	13	22.87	22.96	22.93		
5	16QAM	25	0	22.78	22.92	22.75		
5	64QAM	1	0	22.90	22.96	22.85	23.7	2
5	64QAM	1	12	22.76	22.87	22.73		
5	64QAM	1	24	22.93	22.90	22.92		
5	64QAM	12	0	21.93	21.95	21.88	22.7	3
5	64QAM	12	7	21.75	21.91	21.79		
5	64QAM	12	13	21.77	21.87	21.88		
5	64QAM	25	0	21.90	21.94	21.91		
5	256QAM	1	0	19.99	20.03	19.83	20.7	5
5	256QAM	1	12	19.86	19.96	19.88		
5	256QAM	1	24	19.84	19.89	19.83		
5	256QAM	12	0	19.95	20.00	19.87	20.7	5
5	256QAM	12	7	19.90	19.90	19.90		
5	256QAM	12	13	19.75	19.87	19.77		
5	256QAM	25	0	19.82	20.01	19.88		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	25.11	25.12	25.16	25.00	25.10	25.7	0
20	QPSK	1	49	24.91	24.83	24.95	24.81	24.90		
20	QPSK	1	99	24.85	24.83	24.89	24.84	24.81		
20	QPSK	50	0	23.95	23.96	24.02	23.89	23.96	24.7	1
20	QPSK	50	24	23.90	23.86	23.99	23.91	23.95		
20	QPSK	50	50	23.86	23.81	23.94	23.84	23.89		
20	QPSK	100	0	23.92	23.94	24.01	23.95	23.97		
20	16QAM	1	0	24.00	23.96	24.10	24.00	23.98	24.7	1
20	16QAM	1	49	23.88	23.91	23.99	23.98	23.86		
20	16QAM	1	99	23.94	23.93	24.05	23.98	23.94		
20	16QAM	50	0	23.00	22.97	23.04	22.98	22.95	23.7	2
20	16QAM	50	24	22.93	22.93	22.99	22.90	22.75		
20	16QAM	50	50	22.94	22.97	23.00	22.87	22.85		
20	16QAM	100	0	22.93	22.87	22.99	22.89	22.86		
20	64QAM	1	0	23.01	22.93	23.05	22.96	22.97	23.7	2
20	64QAM	1	49	22.82	22.89	22.93	22.88	22.79		
20	64QAM	1	99	22.93	22.90	22.99	22.90	22.91		
20	64QAM	50	0	21.97	21.91	22.03	21.93	21.92	22.7	3
20	64QAM	50	24	21.84	21.89	21.96	21.84	21.86		
20	64QAM	50	50	21.81	21.88	21.93	21.87	21.88		
20	64QAM	100	0	21.88	21.95	22.01	21.91	21.98		
20	256QAM	1	0	20.03	19.97	20.09	19.98	19.95	20.7	5
20	256QAM	1	49	19.96	19.96	20.05	20.01	19.88		
20	256QAM	1	99	19.90	19.97	20.03	19.89	19.89		
20	256QAM	50	0	19.98	19.96	20.10	19.99	19.96	20.7	5
20	256QAM	50	24	19.92	19.99	20.05	20.00	20.00		
20	256QAM	50	50	19.84	19.97	20.04	19.94	19.87		
20	256QAM	100	0	19.91	19.93	20.05	19.93	19.95		
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	24.99	25.02	24.98	24.94	25.02	26	0
15	QPSK	1	37	24.87	24.87	24.70	24.78	24.79		
15	QPSK	1	74	24.75	24.79	24.70	24.75	24.68		
15	QPSK	36	0	23.92	23.88	23.91	23.83	23.92	24.7	1
15	QPSK	36	20	23.76	23.90	23.83	23.79	23.84		
15	QPSK	36	39	23.77	23.86	23.75	23.69	23.78		
15	QPSK	75	0	23.80	23.89	23.81	23.89	23.87		
15	16QAM	1	0	23.86	23.96	23.84	23.86	23.85	24.7	1
15	16QAM	1	37	23.79	23.86	23.77	23.95	23.80		
15	16QAM	1	74	23.83	23.97	23.84	23.86	23.87		
15	16QAM	36	0	22.89	22.97	22.88	22.92	22.86	23.7	2
15	16QAM	36	20	22.87	22.84	22.87	22.90	22.64		
15	16QAM	36	39	22.90	22.87	22.92	22.75	22.72		
15	16QAM	75	0	22.84	22.84	22.79	22.81	22.74		
15	64QAM	1	0	22.88	22.93	22.83	22.92	22.88	23.7	2
15	64QAM	1	37	22.75	22.89	22.85	22.85	22.76		
15	64QAM	1	74	22.88	22.89	22.84	22.84	22.84		
15	64QAM	36	0	21.94	21.95	21.81	21.82	21.79	22.7	3
15	64QAM	36	20	21.77	21.90	21.76	21.70	21.81		
15	64QAM	36	39	21.72	21.90	21.83	21.77	21.83		
15	64QAM	75	0	21.75	21.91	21.89	21.77	21.88		
15	256QAM	1	0	19.93	19.88	19.98	19.88	19.85	20.7	5
15	256QAM	1	37	19.93	19.89	19.95	19.90	19.80		
15	256QAM	1	74	19.81	19.88	19.96	19.86	19.75		
15	256QAM	36	0	19.89	19.88	20.04	19.86	19.93	20.7	5
15	256QAM	36	20	19.77	19.86	19.98	19.88	19.95		
15	256QAM	36	39	19.70	19.93	19.91	19.86	19.78		
15	256QAM	75	0	19.78	19.84	19.93	19.81	19.88		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	24.99	25.02	25.06	24.86	25.06	25.70	0
10	QPSK	1	25	24.86	24.82	24.77	24.69	24.77		
10	QPSK	1	49	24.77	24.76	24.74	24.80	24.68		
10	QPSK	25	0	23.83	23.97	23.89	23.84	23.92	24.7	1
10	QPSK	25	12	23.76	23.92	23.73	23.76	23.85		
10	QPSK	25	25	23.73	23.79	23.77	23.78	23.78		
10	QPSK	50	0	23.88	23.94	23.89	23.89	23.82		
10	16QAM	1	0	23.85	23.99	23.85	23.88	23.92	24.7	1
10	16QAM	1	25	23.84	23.88	23.84	23.92	23.73		
10	16QAM	1	49	23.80	23.99	23.90	23.93	23.84		
10	16QAM	25	0	22.87	22.94	22.85	22.90	22.84	23.7	2
10	16QAM	25	12	22.87	22.96	22.88	22.87	22.66		
10	16QAM	25	25	22.86	22.90	22.94	22.82	22.75		
10	16QAM	50	0	22.79	22.86	22.77	22.81	22.82		
10	64QAM	1	0	22.87	22.91	22.80	22.81	22.90	23.7	2
10	64QAM	1	25	22.71	22.79	22.81	22.77	22.74		
10	64QAM	1	49	22.83	22.95	22.75	22.84	22.86		
10	64QAM	25	0	21.90	21.94	21.79	21.82	21.78	22.7	3
10	64QAM	25	12	21.75	21.91	21.77	21.74	21.78		
10	64QAM	25	25	21.75	21.85	21.82	21.75	21.73		
10	64QAM	50	0	21.76	21.96	21.91	21.81	21.94		
10	256QAM	1	0	19.89	19.93	20.01	19.84	19.90	20.7	5
10	256QAM	1	25	19.92	19.87	20.00	19.97	19.94		
10	256QAM	1	49	19.84	19.86	19.98	19.80	19.83		
10	256QAM	25	0	19.85	19.83	20.02	19.92	19.87	20.7	5
10	256QAM	25	12	19.77	19.94	20.00	19.92	19.96		
10	256QAM	25	25	19.72	19.91	20.00	19.79	19.73		
10	256QAM	50	0	19.82	19.83	20.00	19.90	19.89		
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	24.98	25.03	25.07	24.92	25.06	25.70	0
5	QPSK	1	12	24.81	24.85	24.69	24.68	24.83		
5	QPSK	1	24	24.77	24.85	24.74	24.77	24.71		
5	QPSK	12	0	23.83	23.92	23.82	23.80	23.91	24.7	1
5	QPSK	12	7	23.80	23.95	23.75	23.84	23.88		
5	QPSK	12	13	23.72	23.86	23.77	23.79	23.75		
5	QPSK	25	0	23.86	23.95	23.82	23.81	23.91		
5	16QAM	1	0	23.90	23.98	23.87	23.88	23.93	24.7	1
5	16QAM	1	12	23.75	23.85	23.80	23.83	23.73		
5	16QAM	1	24	23.83	23.92	23.84	23.85	23.86		
5	16QAM	12	0	22.92	22.96	22.89	22.87	22.83	23.7	2
5	16QAM	12	7	22.88	22.88	22.80	22.84	22.69		
5	16QAM	12	13	22.82	22.88	22.85	22.73	22.74		
5	16QAM	25	0	22.88	22.91	22.84	22.83	22.74		
5	64QAM	1	0	22.90	23.02	22.79	22.90	22.88	23.7	2
5	64QAM	1	12	22.73	22.84	22.81	22.79	22.73		
5	64QAM	1	24	22.84	22.85	22.86	22.78	22.78		
5	64QAM	12	0	21.91	21.96	21.82	21.88	21.89	22.7	3
5	64QAM	12	7	21.78	21.89	21.81	21.82	21.81		
5	64QAM	12	13	21.74	21.83	21.81	21.74	21.84		
5	64QAM	25	0	21.84	21.89	21.87	21.84	21.91		
5	256QAM	1	0	19.92	19.92	20.00	19.95	19.80	20.7	5
5	256QAM	1	12	19.84	19.85	19.91	19.94	19.76		
5	256QAM	1	24	19.85	19.90	19.92	19.79	19.79		
5	256QAM	12	0	19.93	19.82	19.99	19.95	19.88	20.7	5
5	256QAM	12	7	19.85	19.85	19.92	19.94	19.93		
5	256QAM	12	13	19.77	19.85	19.92	19.79	19.75		
5	256QAM	25	0	19.77	19.87	19.97	19.87	19.82		

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	23.59	23.75	23.57	25	0
20	QPSK	1	49	23.57	23.70	23.51		
20	QPSK	1	99	23.68	23.72	23.58		
20	QPSK	50	0	22.58	22.71	22.56	24	1
20	QPSK	50	24	22.51	22.65	22.45		
20	QPSK	50	50	22.56	22.69	22.46		
20	QPSK	100	0	22.64	22.68	22.51		
20	16QAM	1	0	22.71	22.85	22.70		
20	16QAM	1	49	22.64	22.73	22.59	24	1
20	16QAM	1	99	22.69	22.82	22.64		
20	16QAM	50	0	21.67	21.72	21.58		
20	16QAM	50	24	21.58	21.66	21.47	23	2
20	16QAM	50	50	21.70	21.75	21.61		
20	16QAM	100	0	21.68	21.76	21.55		
20	64QAM	1	0	21.72	21.81	21.61		
20	64QAM	1	49	21.60	21.71	21.57	23	2
20	64QAM	1	99	21.70	21.77	21.62		
20	64QAM	50	0	20.64	20.69	20.48		
20	64QAM	50	24	20.62	20.72	20.48	22	3
20	64QAM	50	50	20.60	20.70	20.48		
20	64QAM	100	0	20.68	20.75	20.51		
20	256QAM	1	0	18.61	18.65	18.57		
20	256QAM	1	49	18.43	18.53	18.40	20	5
20	256QAM	1	99	18.55	18.60	18.53		
20	256QAM	50	0	18.54	18.68	18.61		
20	256QAM	50	24	18.55	18.64	18.54	20	5
20	256QAM	50	50	18.47	18.60	18.53		
20	256QAM	100	0	18.52	18.63	18.59		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	23.54	23.71	23.49	25	0
15	QPSK	1	37	23.51	23.62	23.45		
15	QPSK	1	74	23.63	23.60	23.49		
15	QPSK	36	0	22.50	22.67	22.43	24	1
15	QPSK	36	20	22.37	22.59	22.42		
15	QPSK	36	39	22.50	22.55	22.39		
15	QPSK	75	0	22.60	22.57	22.36		
15	16QAM	1	0	22.59	22.71	22.55		
15	16QAM	1	37	22.56	22.66	22.51	24	1
15	16QAM	1	74	22.60	22.67	22.61		
15	16QAM	36	0	21.55	21.68	21.53		
15	16QAM	36	20	21.44	21.54	21.38	23	2
15	16QAM	36	39	21.59	21.67	21.56		
15	16QAM	75	0	21.65	21.64	21.51		
15	64QAM	1	0	21.60	21.77	21.55		
15	64QAM	1	37	21.54	21.61	21.51	23	2
15	64QAM	1	74	21.63	21.68	21.53		
15	64QAM	36	0	20.56	20.65	20.36		
15	64QAM	36	20	20.56	20.60	20.40	22	3
15	64QAM	36	39	20.54	20.61	20.37		
15	64QAM	75	0	20.55	20.67	20.36		
15	256QAM	1	0	18.57	18.58	18.54		
15	256QAM	1	37	18.39	18.44	18.28	20	5
15	256QAM	1	74	18.47	18.45	18.45		
15	256QAM	36	0	18.41	18.54	18.53		
15	256QAM	36	20	18.48	18.51	18.49	20	5
15	256QAM	36	39	18.42	18.56	18.47		
15	256QAM	75	0	18.47	18.49	18.51		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	23.48	23.63	23.50	25	0
10	QPSK	1	25	23.44	23.65	23.42		
10	QPSK	1	49	23.63	23.57	23.48		
10	QPSK	25	0	22.50	22.67	22.49	24	1
10	QPSK	25	12	22.45	22.53	22.36		
10	QPSK	25	25	22.47	22.60	22.35		
10	QPSK	50	0	22.54	22.57	22.44		
10	16QAM	1	0	22.66	22.79	22.65		
10	16QAM	1	25	22.50	22.63	22.55	24	1
10	16QAM	1	49	22.58	22.71	22.50		
10	16QAM	25	0	21.58	21.60	21.51		
10	16QAM	25	12	21.55	21.62	21.43	23	2
10	16QAM	25	25	21.63	21.71	21.56		
10	16QAM	50	0	21.62	21.66	21.40		
10	64QAM	1	0	21.61	21.66	21.53		
10	64QAM	1	25	21.54	21.59	21.44	23	2
10	64QAM	1	49	21.63	21.74	21.53		
10	64QAM	25	0	20.54	20.65	20.45		
10	64QAM	25	12	20.49	20.65	20.39	22	3
10	64QAM	25	25	20.48	20.58	20.45		
10	64QAM	50	0	20.55	20.71	20.42		
10	256QAM	1	0	18.48	18.50	18.53		
10	256QAM	1	25	18.36	18.46	18.36	20	5
10	256QAM	1	49	18.42	18.56	18.42		
10	256QAM	25	0	18.46	18.56	18.57		
10	256QAM	25	12	18.49	18.57	18.49	20	5
10	256QAM	25	25	18.43	18.52	18.42		
10	256QAM	50	0	18.48	18.53	18.54		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	23.50	23.65	23.50	25	0
5	QPSK	1	12	23.54	23.60	23.44		
5	QPSK	1	24	23.54	23.60	23.42		
5	QPSK	12	0	22.45	22.59	22.43	24	1
5	QPSK	12	7	22.45	22.53	22.35		
5	QPSK	12	13	22.52	22.64	22.38		
5	QPSK	25	0	22.59	22.56	22.41		
5	16QAM	1	0	22.58	22.71	22.57		
5	16QAM	1	12	22.56	22.64	22.49	24	1
5	16QAM	1	24	22.65	22.70	22.60		
5	16QAM	12	0	21.60	21.68	21.44		
5	16QAM	12	7	21.45	21.63	21.38	23	2
5	16QAM	12	13	21.61	21.60	21.49		
5	16QAM	25	0	21.54	21.71	21.41		
5	64QAM	1	0	21.63	21.67	21.52		
5	64QAM	1	12	21.46	21.66	21.52	23	2
5	64QAM	1	24	21.67	21.74	21.53		
5	64QAM	12	0	20.58	20.65	20.40		
5	64QAM	12	7	20.47	20.68	20.44	22	3
5	64QAM	12	13	20.49	20.60	20.35		
5	64QAM	25	0	20.65	20.66	20.47		
5	256QAM	1	0	18.47	18.61	18.54		
5	256QAM	1	12	18.36	18.39	18.25	20	5
5	256QAM	1	24	18.50	18.53	18.49		
5	256QAM	12	0	18.45	18.62	18.48		
5	256QAM	12	7	18.49	18.59	18.48	20	5
5	256QAM	12	13	18.44	18.55	18.40		
5	256QAM	25	0	18.39	18.57	18.50		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	23.49	23.62	23.51	25	0
3	QPSK	1	8	23.45	23.58	23.36		
3	QPSK	1	14	23.61	23.66	23.47		
3	QPSK	8	0	22.53	22.57	22.46	24	1
3	QPSK	8	4	22.45	22.56	22.34		
3	QPSK	8	7	22.47	22.58	22.40		
3	QPSK	15	0	22.53	22.65	22.40		
3	16QAM	1	0	22.66	22.74	22.58		
3	16QAM	1	8	22.61	22.62	22.54	24	1
3	16QAM	1	14	22.54	22.68	22.53		
3	16QAM	8	0	21.55	21.62	21.49		
3	16QAM	8	4	21.44	21.56	21.41	23	2
3	16QAM	8	7	21.57	21.66	21.49		
3	16QAM	15	0	21.64	21.67	21.43		
3	64QAM	1	0	21.65	21.66	21.46		
3	64QAM	1	8	21.47	21.66	21.43	23	2
3	64QAM	1	14	21.57	21.69	21.50		
3	64QAM	8	0	20.57	20.65	20.39		
3	64QAM	8	4	20.52	20.63	20.34	22	3
3	64QAM	8	7	20.56	20.60	20.33		
3	64QAM	15	0	20.53	20.64	20.43		
3	256QAM	1	0	18.55	18.57	18.45		
3	256QAM	1	8	18.31	18.49	18.29	20	5
3	256QAM	1	14	18.43	18.54	18.38		
3	256QAM	8	0	18.39	18.60	18.58		
3	256QAM	8	4	18.49	18.55	18.43	20	5
3	256QAM	8	7	18.42	18.55	18.46		
3	256QAM	15	0	18.48	18.56	18.56		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	23.48	23.70	23.50	25	0
1.4	QPSK	1	3	23.42	23.62	23.38		
1.4	QPSK	1	5	23.56	23.63	23.48		
1.4	QPSK	3	0	23.50	23.57	23.46		
1.4	QPSK	3	1	23.43	23.60	23.38		
1.4	QPSK	3	3	23.47	23.61	23.33		
1.4	QPSK	6	0	22.54	22.58	22.43	24	1
1.4	16QAM	1	0	22.66	22.82	22.60	24	1
1.4	16QAM	1	3	22.57	22.65	22.48		
1.4	16QAM	1	5	22.61	22.71	22.51		
1.4	16QAM	3	0	22.53	22.63	22.49		
1.4	16QAM	3	1	22.51	22.55	22.36		
1.4	16QAM	3	3	22.55	22.71	22.51		
1.4	16QAM	6	0	21.54	21.66	21.50	23	2
1.4	64QAM	1	0	21.57	21.75	21.46	23	2
1.4	64QAM	1	3	21.52	21.63	21.43		
1.4	64QAM	1	5	21.63	21.64	21.58		
1.4	64QAM	3	0	21.49	21.56	21.37		
1.4	64QAM	3	1	21.54	21.65	21.42		
1.4	64QAM	3	3	21.55	21.61	21.37		
1.4	64QAM	6	0	20.53	20.71	20.40	22	3
1.4	256QAM	1	0	18.49	18.58	18.48	20	5
1.4	256QAM	1	3	18.38	18.38	18.36		
1.4	256QAM	1	5	18.52	18.55	18.44		
1.4	256QAM	3	0	18.41	18.63	18.53		
1.4	256QAM	3	1	18.45	18.54	18.39		
1.4	256QAM	3	3	18.42	18.52	18.42		
1.4	256QAM	6	0	18.38	18.49	18.54	20	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	22.42	22.65	22.55	23.5	0
20	QPSK	1	49	22.49	22.50	22.53		
20	QPSK	1	99	22.44	22.47	22.47		
20	QPSK	50	0	22.38	22.51	22.40	23.5	0
20	QPSK	50	24	22.13	22.22	22.10		
20	QPSK	50	50	22.17	22.18	22.23		
20	QPSK	100	0	22.29	22.36	22.35		
20	16QAM	1	0	22.13	22.38	22.13	23.5	0
20	16QAM	1	49	22.29	22.38	22.17		
20	16QAM	1	99	22.27	22.33	22.14		
20	16QAM	50	0	21.57	21.66	21.73	23	0.5
20	16QAM	50	24	21.43	21.61	21.53		
20	16QAM	50	50	21.61	21.63	21.53		
20	16QAM	100	0	21.65	21.74	21.49		
20	64QAM	1	0	21.70	21.76	21.82	23	0.5
20	64QAM	1	49	21.68	21.78	21.75		
20	64QAM	1	99	21.71	21.70	21.77		
20	64QAM	50	0	20.60	20.73	20.48	22	1.5
20	64QAM	50	24	20.56	20.57	20.50		
20	64QAM	50	50	20.52	20.59	20.52		
20	64QAM	100	0	20.60	20.66	20.71		
20	256QAM	1	0	18.60	18.76	18.69	20	3.5
20	256QAM	1	49	18.50	18.65	18.62		
20	256QAM	1	99	18.54	18.66	18.61		
20	256QAM	50	0	18.60	18.66	18.69	20	3.5
20	256QAM	50	24	18.66	18.71	18.68		
20	256QAM	50	50	18.42	18.62	18.56		
20	256QAM	100	0	18.78	18.80	18.72		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	22.15	22.52	22.44	23.5	0
15	QPSK	1	37	22.35	22.23	22.41		
15	QPSK	1	74	22.18	22.18	22.16		
15	QPSK	36	0	22.21	22.39	22.13	23.5	0
15	QPSK	36	20	22.03	22.09	21.91		
15	QPSK	36	39	21.92	22.04	21.95		
15	QPSK	75	0	22.21	22.25	22.27		
15	16QAM	1	0	21.83	22.08	21.86	23.5	0
15	16QAM	1	37	22.04	22.25	21.87		
15	16QAM	1	74	22.13	22.18	21.94		
15	16QAM	36	0	21.36	21.39	21.62	23	0.5
15	16QAM	36	20	21.12	21.37	21.32		
15	16QAM	36	39	21.32	21.44	21.31		
15	16QAM	75	0	21.54	21.63	21.30		
15	64QAM	1	0	21.56	21.57	21.73	23	0.5
15	64QAM	1	37	21.54	21.46	21.64		
15	64QAM	1	74	21.51	21.61	21.49		
15	64QAM	36	0	20.41	20.50	20.22	22	1.5
15	64QAM	36	20	20.45	20.47	20.30		
15	64QAM	36	39	20.41	20.31	20.33		
15	64QAM	75	0	20.33	20.35	20.61		
15	256QAM	1	0	18.34	18.55	18.58	20	3.5
15	256QAM	1	37	18.23	18.37	18.34		
15	256QAM	1	74	18.40	18.50	18.42		
15	256QAM	36	0	18.41	18.35	18.40	20	3.5
15	256QAM	36	20	18.51	18.59	18.53		
15	256QAM	36	39	18.18	18.47	18.38		
15	256QAM	75	0	18.60	18.54	18.54		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	22.13	22.49	22.33	23.5	0
10	QPSK	1	25	22.25	22.24	22.37		
10	QPSK	1	49	22.31	22.35	22.33		
10	QPSK	25	0	22.18	22.20	22.29	23.5	0
10	QPSK	25	12	21.95	22.11	21.80		
10	QPSK	25	25	21.90	21.87	21.91		
10	QPSK	50	0	22.09	22.20	22.22		
10	16QAM	1	0	21.88	22.27	21.87	23.5	0
10	16QAM	1	25	22.05	22.12	21.89		
10	16QAM	1	49	22.14	22.06	22.05		
10	16QAM	25	0	21.32	21.49	21.46	23	0.5
10	16QAM	25	12	21.19	21.42	21.35		
10	16QAM	25	25	21.50	21.35	21.43		
10	16QAM	50	0	21.43	21.55	21.34		
10	64QAM	1	0	21.38	21.66	21.72	23	0.5
10	64QAM	1	25	21.37	21.65	21.58		
10	64QAM	1	49	21.42	21.44	21.56		
10	64QAM	25	0	20.28	20.45	20.22	22	1.5
10	64QAM	25	12	20.25	20.32	20.24		
10	64QAM	25	25	20.40	20.30	20.37		
10	64QAM	50	0	20.37	20.52	20.50		
10	256QAM	1	0	18.48	18.56	18.40	20	3.5
10	256QAM	1	25	18.26	18.55	18.34		
10	256QAM	1	49	18.34	18.40	18.50		
10	256QAM	25	0	18.48	18.54	18.47	20	3.5
10	256QAM	25	12	18.45	18.46	18.46		
10	256QAM	25	25	18.29	18.33	18.33		
10	256QAM	50	0	18.54	18.67	18.45		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	22.33	22.35	22.27	23.5	0
5	QPSK	1	12	22.28	22.31	22.31		
5	QPSK	1	24	22.19	22.24	22.20		
5	QPSK	12	0	22.15	22.32	22.27	23.5	0
5	QPSK	12	7	21.98	22.11	21.94		
5	QPSK	12	13	22.04	21.95	22.04		
5	QPSK	25	0	21.99	22.25	22.14		
5	16QAM	1	0	21.95	22.21	21.93	23.5	0
5	16QAM	1	12	22.11	22.27	22.09		
5	16QAM	1	24	22.02	22.10	21.83		
5	16QAM	12	0	21.35	21.46	21.63	23	0.5
5	16QAM	12	7	21.26	21.47	21.28		
5	16QAM	12	13	21.46	21.38	21.29		
5	16QAM	25	0	21.33	21.60	21.23		
5	64QAM	1	0	21.57	21.69	21.68	23	0.5
5	64QAM	1	12	21.50	21.62	21.49		
5	64QAM	1	24	21.40	21.56	21.55		
5	64QAM	12	0	20.37	20.50	20.33	22	1.5
5	64QAM	12	7	20.41	20.27	20.33		
5	64QAM	12	13	20.35	20.50	20.43		
5	64QAM	25	0	20.34	20.57	20.56		
5	256QAM	1	0	18.45	18.54	18.40	20	3.5
5	256QAM	1	12	18.23	18.39	18.36		
5	256QAM	1	24	18.28	18.44	18.41		
5	256QAM	12	0	18.33	18.54	18.44	20	3.5
5	256QAM	12	7	18.54	18.43	18.48		
5	256QAM	12	13	18.18	18.53	18.27		
5	256QAM	25	0	18.57	18.67	18.48		

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BW [MHz]	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	23.72	23.81	23.66	25	0
20	QPSK	1	49	23.68	23.75	23.62		
20	QPSK	1	99	23.63	23.72	23.66		
20	QPSK	50	0	22.66	22.78	22.68	24	1
20	QPSK	50	24	22.58	22.71	22.60		
20	QPSK	50	50	22.72	22.76	22.62		
20	QPSK	100	0	22.72	22.77	22.68		
20	16QAM	1	0	22.79	22.83	22.69		
20	16QAM	1	49	22.61	22.76	22.65	24	1
20	16QAM	1	99	22.70	22.74	22.62		
20	16QAM	50	0	21.81	21.88	21.75		
20	16QAM	50	24	21.64	21.73	21.63	23	2
20	16QAM	50	50	21.75	21.86	21.79		
20	16QAM	100	0	21.72	21.81	21.77		
20	64QAM	1	0	21.80	21.90	21.84		
20	64QAM	1	49	21.68	21.76	21.67	23	2
20	64QAM	1	99	21.69	21.75	21.66		
20	64QAM	50	0	20.87	20.98	20.92		
20	64QAM	50	24	20.77	20.82	20.74	22	3
20	64QAM	50	50	20.74	20.88	20.77		
20	64QAM	100	0	20.78	20.90	20.80		
20	256QAM	1	0	18.78	18.84	18.79		
20	256QAM	1	49	18.61	18.70	18.62	20	5
20	256QAM	1	99	18.71	18.79	18.66		
20	256QAM	50	0	18.82	18.76	18.72		
20	256QAM	50	24	18.61	18.65	18.61	20	5
20	256QAM	50	50	18.64	18.72	18.59		
20	256QAM	100	0	18.74	18.80	18.70		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	23.66	23.72	23.59	25	0
15	QPSK	1	37	23.64	23.62	23.57		
15	QPSK	1	74	23.50	23.69	23.56		
15	QPSK	36	0	22.59	22.65	22.58	24	1
15	QPSK	36	20	22.45	22.64	22.56		
15	QPSK	36	39	22.62	22.63	22.56		
15	QPSK	75	0	22.59	22.74	22.58		
15	16QAM	1	0	22.65	22.78	22.55		
15	16QAM	1	37	22.47	22.67	22.58	24	1
15	16QAM	1	74	22.59	22.69	22.57		
15	16QAM	36	0	21.77	21.81	21.72	23	2
15	16QAM	36	20	21.49	21.64	21.50		
15	16QAM	36	39	21.60	21.82	21.65		
15	16QAM	75	0	21.67	21.77	21.69		
15	64QAM	1	0	21.76	21.78	21.78	23	2
15	64QAM	1	37	21.62	21.73	21.62		
15	64QAM	1	74	21.56	21.65	21.62		
15	64QAM	36	0	20.74	20.92	20.80	22	3
15	64QAM	36	20	20.65	20.69	20.70		
15	64QAM	36	39	20.68	20.81	20.72		
15	64QAM	75	0	20.75	20.79	20.72		
15	256QAM	1	0	18.66	18.73	18.65	20	5
15	256QAM	1	37	18.57	18.56	18.58		
15	256QAM	1	74	18.57	18.70	18.58		
15	256QAM	36	0	18.54	18.68	18.67	20	5
15	256QAM	36	20	18.55	18.55	18.52		
15	256QAM	36	39	18.58	18.68	18.48		
15	256QAM	75	0	18.69	18.73	18.67		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	23.59	23.78	23.59	25	0
10	QPSK	1	25	23.56	23.69	23.54		
10	QPSK	1	49	23.58	23.67	23.60		
10	QPSK	25	0	22.52	22.67	22.57	24	1
10	QPSK	25	12	22.45	22.63	22.45		
10	QPSK	25	25	22.60	22.64	22.53		
10	QPSK	50	0	22.67	22.70	22.59		
10	16QAM	1	0	22.65	22.75	22.59	24	1
10	16QAM	1	25	22.47	22.64	22.60		
10	16QAM	1	49	22.59	22.62	22.48		
10	16QAM	25	0	21.76	21.78	21.68	23	2
10	16QAM	25	12	21.60	21.58	21.59		
10	16QAM	25	25	21.61	21.82	21.67		
10	16QAM	50	0	21.69	21.71	21.68		
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BW [MHz]	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	23.93	23.96	23.94	25	0
20	QPSK	1	49	23.82	23.86	23.79		
20	QPSK	1	99	23.73	23.84	23.77		
20	QPSK	50	0	22.88	22.93	22.82	24	1
20	QPSK	50	24	22.83	22.90	22.77		
20	QPSK	50	50	22.80	22.85	22.75		
20	QPSK	100	0	22.81	22.89	22.76		
20	16QAM	1	0	22.98	23.02	22.88	24	1
20	16QAM	1	49	22.84	22.91	22.84		
20	16QAM	1	99	22.75	22.86	22.76		
20	16QAM	50	0	21.88	21.97	21.91	23	2
20	16QAM	50	24	21.89	21.94	21.84		
20	16QAM	50	50	21.81	21.93	21.84		
20	16QAM	100	0	21.96	22.00	21.95		
20	64QAM	1	0	21.92	22.07	22.00	23	2
20	64QAM	1	49	21.90	21.98	21.88		
20	64QAM	1	99	21.80	21.88	21.84		
20	64QAM	50	0	21.04	21.08	20.97	22	3
20	64QAM	50	24	20.88	21.03	20.92		
20	64QAM	50	50	20.91	20.94	20.81		
20	64QAM	100	0	20.95	21.03	20.96		
20	256QAM	1	0	18.85	18.92	18.88	20	5
20	256QAM	1	49	18.70	18.82	18.77		
20	256QAM	1	99	18.72	18.79	18.70		
20	256QAM	50	0	18.76	18.81	18.71	20	5
20	256QAM	50	24	18.61	18.75	18.66		
20	256QAM	50	50	18.65	18.74	18.62		
20	256QAM	100	0	18.75	18.86	18.79		
Channel				37525	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	23.82	23.91	23.85	25	0
15	QPSK	1	37	23.78	23.72	23.66		
15	QPSK	1	74	23.64	23.75	23.67		
15	QPSK	36	0	22.76	22.82	22.68	24	1
15	QPSK	36	20	22.73	22.77	22.64		
15	QPSK	36	39	22.69	22.78	22.61		
15	QPSK	75	0	22.74	22.83	22.72		
15	16QAM	1	0	22.91	22.88	22.80	24	1
15	16QAM	1	37	22.72	22.87	22.75		
15	16QAM	1	74	22.61	22.81	22.69		
15	16QAM	36	0	21.82	21.86	21.88	23	2
15	16QAM	36	20	21.82	21.87	21.74		
15	16QAM	36	39	21.74	21.82	21.71		
15	16QAM	75	0	21.88	21.90	21.83		
15	64QAM	1	0	21.83	22.00	21.90	23	2
15	64QAM	1	37	21.77	21.91	21.78		
15	64QAM	1	74	21.65	21.82	21.80		
15	64QAM	36	0	21.00	20.96	20.91	22	3
15	64QAM	36	20	20.77	20.89	20.83		
15	64QAM	36	39	20.78	20.80	20.73		
15	64QAM	75	0	20.90	20.99	20.88		
15	256QAM	1	0	18.71	18.78	18.83	20	5
15	256QAM	1	37	18.59	18.74	18.67		
15	256QAM	1	74	18.65	18.73	18.64		
15	256QAM	36	0	18.63	18.71	18.65	20	5
15	256QAM	36	20	18.52	18.70	18.61		
15	256QAM	36	39	18.61	18.69	18.55		
15	256QAM	75	0	18.62	18.79	18.70		
Channel				37600	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	23.80	23.93	23.84	25	0
10	QPSK	1	25	23.73	23.73	23.73		
10	QPSK	1	49	23.60	23.72	23.73		
10	QPSK	25	0	22.76	22.85	22.72	24	1
10	QPSK	25	12	22.78	22.81	22.72		
10	QPSK	25	25	22.77	22.71	22.68		
10	QPSK	50	0	22.67	22.81	22.67		
10	16QAM	1	0	22.86	22.88	22.84	24	1
10	16QAM	1	25	22.76	22.84	22.71		
10	16QAM	1	49	22.69	22.74	22.66		
10	16QAM	25	0	21.78	21.83	21.78	23	2
10	16QAM	25	12	21.81	21.80	21.79		
10	16QAM	25	25	21.66	21.82	21.71		
10	16QAM	50	0	21.84	21.86	21.86		
10	64QAM	1	0	21.84	21.95	21.90	23	2
10	64QAM	1	25	21.76	21.88	21.78		
10	64QAM	1	49	21.76	21.75	21.72		
10	64QAM	25	0	20.98	21.04	20.85	22	3
10	64QAM	25	12	20.78	20.92	20.78		
10	64QAM	25	25	20.79	20.90	20.76		
10	64QAM	50	0	20.80	20.89	20.85		
10	256QAM	1	0	18.79	18.78	18.90	20	5
10	256QAM	1	25	18.59	18.75	18.69		
10	256QAM	1	49	18.68	18.71	18.57		
10	256QAM	25	0	18.70	18.69	18.58	20	5
10	256QAM	25	12	18.55	18.66	18.58		
10	256QAM	25	25	18.56	18.67	18.54		
10	256QAM	50	0	18.63	18.74	18.65		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	23.83	23.87	23.80	25	0
5	QPSK	1	12	23.67	23.71	23.69		
5	QPSK	1	24	23.59	23.79	23.73		
5	QPSK	12	0	22.80	22.89	22.73	24	1
5	QPSK	12	7	22.68	22.86	22.62		
5	QPSK	12	13	22.72	22.75	22.62		
5	QPSK	25	0	22.73	22.78	22.62		
5	16QAM	1	0	22.84	22.95	22.84	24	1
5	16QAM	1	12	22.70	22.78	22.69		
5	16QAM	1	24	22.64	22.82	22.73		
5	16QAM	12	0	21.84	21.91	21.87	23	2
5	16QAM	12	7	21.84	21.84	21.76		
5	16QAM	12	13	21.75	21.87	21.75		
5	16QAM	25	0	21.87	21.88	21.84		
5	64QAM	1	0	21.81	21.99	21.91	23	2
5	64QAM	1	12	21.78	21.86	21.84		
5	64QAM	1	24	21.68	21.78	21.79		
5	64QAM	12	0	20.95	20.93	20.88	22	3
5	64QAM	12	7	20.78	20.98	20.87		
5	64QAM	12	13	20.84	20.84	20.73		
5	64QAM	25	0	20.84	20.93	20.85		
5	256QAM	1	0	18.76	18.87	18.75	20	5
5	256QAM	1	12	18.60	18.73	18.69		
5	256QAM	1	24	18.66	18.74	18.63		
5	256QAM	12	0	18.67	18.75	18.58	20	5
5	256QAM	12	7	18.56	18.68	18.63		
5	256QAM	12	13	18.60	18.66	18.57		
5	256QAM	25	0	18.66	18.81	18.65		

Band 41 Ant3 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	23.94	23.96	24.09	23.96	24.04	25	0
20	QPSK	1	49	23.87	23.92	24.01	23.88	23.97		
20	QPSK	1	99	23.95	23.92	23.99	23.85	23.95		
20	QPSK	50	0	22.99	22.96	23.03	22.98	22.93	24	1
20	QPSK	50	24	22.85	22.86	22.96	22.86	22.89		
20	QPSK	50	50	22.91	22.92	22.98	22.92	22.90		
20	QPSK	100	0	22.92	22.97	23.02	22.88	22.93		
20	16QAM	1	0	23.02	23.11	23.16	23.03	23.04	24	1
20	16QAM	1	49	22.94	22.93	23.05	22.90	22.96		
20	16QAM	1	99	22.90	22.98	23.05	22.97	23.00		
20	16QAM	50	0	22.08	22.04	22.12	22.03	22.00	23	2
20	16QAM	50	24	21.86	21.95	22.00	21.90	21.87		
20	16QAM	50	50	21.96	21.89	21.99	21.86	21.92		
20	16QAM	100	0	21.96	21.96	22.10	22.07	21.96		
20	64QAM	1	0	22.13	22.09	22.20	22.14	22.08	23	2
20	64QAM	1	49	22.04	22.04	22.08	21.94	21.99		
20	64QAM	1	99	22.01	22.07	22.14	22.09	22.10		
20	64QAM	50	0	21.15	21.08	21.18	21.10	21.07	22	3
20	64QAM	50	24	20.99	20.88	21.03	20.98	20.99		
20	64QAM	50	50	20.91	21.00	21.04	20.99	20.91		
20	64QAM	100	0	21.00	21.06	21.11	21.02	20.98		
20	256QAM	1	0	19.05	18.97	19.10	19.02	19.07	20	5
20	256QAM	1	49	18.84	18.96	19.07	19.01	18.94		
20	256QAM	1	99	18.91	18.98	19.03	18.98	18.87		
20	256QAM	50	0	18.97	18.95	19.07	18.95	19.02	20	5
20	256QAM	50	24	18.87	18.97	18.95	18.91	18.89		
20	256QAM	50	50	18.92	18.90	18.99	18.96	18.93		
20	256QAM	100	0	18.97	18.98	19.03	18.98	18.95		
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	23.84	23.92	23.98	23.83	23.90	25	0
15	QPSK	1	37	23.83	23.89	23.97	23.80	23.89		
15	QPSK	1	74	23.84	23.87	23.84	23.80	23.81		
15	QPSK	36	0	22.90	22.82	22.96	22.87	22.84	24	1
15	QPSK	36	20	22.82	22.77	22.85	22.75	22.82		
15	QPSK	36	39	22.87	22.81	22.83	22.84	22.84		
15	QPSK	75	0	22.81	22.82	22.99	22.74	22.87		
15	16QAM	1	0	22.98	23.06	23.04	22.94	22.92	24	1
15	16QAM	1	37	22.80	22.81	22.97	22.85	22.82		
15	16QAM	1	74	22.85	22.94	23.00	22.91	22.95		
15	16QAM	36	0	21.96	21.92	22.01	21.95	21.91	23	2
15	16QAM	36	20	21.75	21.81	21.88	21.87	21.81		
15	16QAM	36	39	21.90	21.84	21.89	21.78	21.89		
15	16QAM	75	0	21.89	21.88	21.97	22.02	21.93		
15	64QAM	1	0	21.98	22.00	22.06	22.04	21.97	23	2
15	64QAM	1	37	21.92	21.95	22.04	21.82	21.91		
15	64QAM	1	74	21.94	22.01	22.11	21.97	21.98		
15	64QAM	36	0	21.08	21.03	21.13	21.02	20.98	22	3
15	64QAM	36	20	20.87	20.84	20.91	20.95	20.95		
15	64QAM	36	39	20.80	20.96	21.01	20.94	20.78		
15	64QAM	75	0	20.88	20.94	21.00	20.88	20.83		
15	256QAM	1	0	19.01	18.89	19.02	18.90	19.03	20	5
15	256QAM	1	37	18.72	18.82	19.00	18.94	18.85		
15	256QAM	1	74	18.87	18.92	18.89	18.86	18.76		
15	256QAM	36	0	18.93	18.84	19.01	18.89	18.94	20	5
15	256QAM	36	20	18.81	18.86	18.91	18.84	18.79		
15	256QAM	36	39	18.80	18.76	18.85	18.92	18.88		
15	256QAM	75	0	18.82	18.91	18.95	18.95	18.89		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	23.91	23.88	23.95	23.89	23.95	25.00	0
10	QPSK	1	25	23.73	23.87	23.92	23.81	23.85		
10	QPSK	1	49	23.91	23.78	23.87	23.73	23.80		
10	QPSK	25	0	22.87	22.87	22.88	22.84	22.83	24	1
10	QPSK	25	12	22.76	22.73	22.85	22.76	22.83		
10	QPSK	25	25	22.77	22.86	22.88	22.79	22.77		
10	QPSK	50	0	22.78	22.89	22.96	22.81	22.84		
10	16QAM	1	0	22.98	22.99	23.12	22.95	22.90	24	1
10	16QAM	1	25	22.81	22.83	22.96	22.85	22.83		
10	16QAM	1	49	22.79	22.94	22.99	22.86	22.86		
10	16QAM	25	0	22.00	21.95	22.01	21.93	21.92	23	2
10	16QAM	25	12	21.82	21.90	21.93	21.76	21.81		
10	16QAM	25	25	21.88	21.80	21.86	21.74	21.84		
10	16QAM	50	0	21.91	21.92	21.98	22.00	21.88		
10	64QAM	1	0	22.06	21.95	22.14	22.01	21.95	23	2
10	64QAM	1	25	22.00	21.94	22.00	21.86	21.84		
10	64QAM	1	49	21.86	21.98	22.08	22.04	22.02		
10	64QAM	25	0	21.08	21.00	21.11	21.04	20.98	22	3
10	64QAM	25	12	20.86	20.81	20.96	20.89	20.93		
10	64QAM	25	25	20.81	20.89	20.97	20.91	20.85		
10	64QAM	50	0	20.85	20.91	20.99	20.92	20.86		
10	256QAM	1	0	18.95	18.84	19.06	18.88	19.01	20	5
10	256QAM	1	25	18.80	18.83	19.00	18.87	18.87		
10	256QAM	1	49	18.88	18.92	18.96	18.86	18.75		
10	256QAM	25	0	18.90	18.80	19.02	18.85	18.89	20	5
10	256QAM	25	12	18.82	18.85	18.80	18.79	18.77		
10	256QAM	25	25	18.83	18.79	18.93	18.82	18.80		
10	256QAM	50	0	18.85	18.94	18.91	18.85	18.81		
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	23.91	23.81	24.01	23.85	23.91	25.00	0
5	QPSK	1	12	23.74	23.88	23.91	23.79	23.84		
5	QPSK	1	24	23.87	23.86	23.90	23.76	23.82		
5	QPSK	12	0	22.86	22.83	23.00	22.88	22.86	24	1
5	QPSK	12	7	22.78	22.81	22.94	22.72	22.82		
5	QPSK	12	13	22.78	22.87	22.94	22.85	22.84		
5	QPSK	25	0	22.77	22.91	22.97	22.76	22.90		
5	16QAM	1	0	22.92	23.02	23.08	22.99	22.94	24	1
5	16QAM	1	12	22.80	22.82	22.99	22.79	22.89		
5	16QAM	1	24	22.81	22.93	22.94	22.90	22.87		
5	16QAM	12	0	22.00	21.93	22.02	21.97	21.86	23	2
5	16QAM	12	7	21.72	21.85	21.90	21.75	21.76		
5	16QAM	12	13	21.86	21.78	21.88	21.81	21.78		
5	16QAM	25	0	21.90	21.91	22.07	21.94	21.92		
5	64QAM	1	0	22.04	21.98	22.14	22.04	22.04	23	2
5	64QAM	1	12	21.97	21.93	21.99	21.86	21.96		
5	64QAM	1	24	21.96	21.95	22.02	21.96	21.96		
5	64QAM	12	0	21.10	21.03	21.11	21.00	20.92	22	3
5	64QAM	12	7	20.88	20.84	20.98	20.84	20.86		
5	64QAM	12	13	20.84	20.92	20.90	20.84	20.80		
5	64QAM	25	0	20.87	20.98	21.03	20.89	20.93		
5	256QAM	1	0	18.94	18.87	19.02	18.99	18.93	20	5
5	256QAM	1	12	18.72	18.82	18.99	18.88	18.88		
5	256QAM	1	24	18.80	18.91	18.91	18.87	18.73		
5	256QAM	12	0	18.85	18.87	18.94	18.87	18.91	20	5
5	256QAM	12	7	18.77	18.90	18.88	18.87	18.77		
5	256QAM	12	13	18.80	18.76	18.86	18.92	18.81		
5	256QAM	25	0	18.85	18.88	18.91	18.95	18.84		

Reduced Power Mode for DSI5

	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	32.98	33.06	33.03	34.00	23.98	24.06	24.03	25.00
GPRS 1 Tx slot	32.91	33.01	32.95	34.00	23.91	24.01	23.95	25.00
GPRS 2 Tx slots	29.80	29.98	29.85	31.00	23.80	23.98	23.85	25.00
GPRS 3 Tx slots	27.81	27.86	27.66	29.20	23.55	23.60	23.40	24.94
GPRS 4 Tx slots	26.63	26.68	26.56	28.00	23.63	23.68	23.56	25.00
EDGE 1 Tx slot	25.99	26.13	25.96	27.80	16.99	17.13	16.96	18.80
EDGE 2 Tx slots	22.07	23.09	22.93	24.80	16.97	17.09	16.93	18.80
EDGE 3 Tx slots	21.58	21.63	21.62	23.00	17.32	17.37	17.36	18.74
EDGE 4 Tx slots	20.01	20.06	19.96	21.80	17.01	17.06	16.96	18.80

		WCDMA V Ant0 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	24.15	24.22	24.10	25.00
3GPP Rel 99	RMC 12.2Kbps	24.22	24.25	24.18	25.00
3GPP Rel 6	HSDPA Subtest-1	23.14	23.24	23.05	24.00
3GPP Rel 6	HSDPA Subtest-2	23.15	23.16	23.21	24.00
3GPP Rel 6	HSDPA Subtest-3	22.76	22.63	22.77	23.50
3GPP Rel 6	HSDPA Subtest-4	22.71	22.64	22.76	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	23.20	23.23	23.04	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	23.20	23.16	23.09	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	22.78	22.67	22.69	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	22.72	22.73	22.58	23.50
3GPP Rel 6	HSUPA Subtest-1	23.29	23.09	23.16	24.00
3GPP Rel 6	HSUPA Subtest-2	21.34	21.21	21.29	22.00
3GPP Rel 6	HSUPA Subtest-3	22.15	22.16	22.18	23.00
3GPP Rel 6	HSUPA Subtest-4	21.11	21.07	21.25	22.00
3GPP Rel 6	HSUPA Subtest-5	23.10	23.06	23.22	24.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.69	20.72	20.60	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	22.82	22.96	22.91		
20	QPSK	1	49	22.79	22.91	22.83	24.5	0
20	QPSK	50	0	20.89	22.87	22.78		
20	QPSK	50	0	21.85	21.95	21.88		
20	QPSK	50	24	21.77	21.89	21.77	23.5	1
20	QPSK	50	50	21.90	21.94	21.82		
20	QPSK	100	0	21.76	21.88	21.79		
20	16QAM	1	0	21.97	22.05	22.01		
20	16QAM	1	49	21.90	22.00	21.95	23.5	1
20	16QAM	1	99	21.84	21.96	21.85		
20	16QAM	50	0	20.89	20.95	20.90		
20	16QAM	50	24	20.77	20.89	20.82	22.5	2
20	16QAM	50	50	20.87	21.00	20.92		
20	16QAM	100	0	20.86	20.92	20.86		
20	64QAM	1	0	20.94	21.06	20.96		
20	64QAM	1	49	20.95	21.00	20.95	22.5	2
20	64QAM	1	99	20.87	21.00	20.94		
20	64QAM	50	0	19.89	20.04	19.92		
20	64QAM	50	24	19.79	19.93	19.91	21.5	3
20	64QAM	50	50	20.03	20.10	20.02		
20	64QAM	100	0	19.80	19.94	19.89		
20	256QAM	1	0	17.87	18.00	17.89		
20	256QAM	1	49	17.81	17.95	17.84	19.5	5
20	256QAM	1	99	17.76	17.90	17.81		
20	256QAM	50	0	17.82	17.85	17.79		
20	256QAM	50	24	17.76	17.79	17.84	19.5	5
20	256QAM	50	50	17.79	17.83	17.78		
20	256QAM	100	0	17.85	17.89	17.83		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.78	22.84	22.93		
15	QPSK	1	37	22.94	22.88	22.81	24.5	0
15	QPSK	1	74	22.79	22.76	22.84		
15	QPSK	36	0	21.91	21.88	21.86		
15	QPSK	36	20	21.75	21.84	21.75	23.5	1
15	QPSK	36	39	21.96	21.98	21.79		
15	QPSK	75	0	21.82	21.78	21.80		
15	16QAM	1	0	21.87	21.97	21.96		
15	16QAM	1	37	21.75	21.89	21.88	23.5	1
15	16QAM	1	74	21.77	21.82	21.81		
15	16QAM	36	0	20.77	20.91	20.83		
15	16QAM	36	20	20.79	20.85	20.77	22.5	2
15	16QAM	36	39	20.75	20.95	20.81		
15	16QAM	75	0	20.80	20.86	20.80		
15	64QAM	1	0	20.91	21.00	20.81		
15	64QAM	1	37	20.85	20.91	20.89	22.5	2
15	64QAM	1	74	20.75	20.96	20.88		
15	64QAM	36	0	19.84	19.98	19.89		
15	64QAM	36	20	19.84	19.97	19.79	21.5	3
15	64QAM	36	39	19.94	19.97	19.90		
15	64QAM	75	0	19.79	19.81	19.79		
15	256QAM	1	0	17.81	17.90	17.82		
15	256QAM	1	37	17.76	17.90	17.81	19.5	5
15	256QAM	1	74	17.81	17.95	17.81		
15	256QAM	36	0	17.78	17.99	17.81		
15	256QAM	36	20	17.76	17.86	17.76	19.5	5
15	256QAM	36	39	17.78	17.91	17.79		
15	256QAM	75	0	17.84	17.92	17.86		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.79	22.84	22.88		
10	QPSK	1	25	22.75	22.89	22.81	24.5	0
10	QPSK	1	49	22.79	22.88	22.77		
10	QPSK	25	0	21.85	21.92	21.87		
10	QPSK	25	12	21.76	21.93	21.78	23.5	1
10	QPSK	25	25	21.90	21.94	21.79		
10	QPSK	50	0	21.78	21.90	21.82		
10	16QAM	1	0	21.92	22.00	21.99		
10	16QAM	1	25	21.91	22.02	22.00	23.5	1
10	16QAM	1	49	21.91	22.02	21.83		
10	16QAM	25	0	20.90	20.99	20.86		
10	16QAM	25	12	20.83	20.86	20.78	22.5	2
10	16QAM	25	25	20.92	20.99	20.87		
10	16QAM	50	0	20.83	20.90	20.90		
10	64QAM	1	0	20.94	21.04	20.96		
10	64QAM	1	25	20.92	21.04	20.99	22.5	2
10	64QAM	1	49	20.92	21.01	21.00		
10	64QAM	25	0	19.88	20.10	19.90		
10	64QAM	25	12	19.98	19.99	19.90	21.5	3
10	64QAM	25	25	20.06	20.15	19.99		
10	64QAM	50	0	19.82	19.92	19.88		
10	256QAM	1	0	17.77	18.06	17.94		
10	256QAM	1	25	17.83	18.01	17.91	19.5	5
10	256QAM	1	49	17.83	17.98	17.97		
10	256QAM	25	0	17.78	17.97	17.86		
10	256QAM	25	12	17.81	17.90	17.78	19.5	5
10	256QAM	25	25	17.85	17.81	17.77		
10	256QAM	50	0	17.82	17.85	17.90		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.81	22.85	22.78		
5	QPSK	1	12	22.75	22.83	22.79	24.5	0
5	QPSK	1	24	22.80	22.75	22.78		
5	QPSK	12	0	21.88	21.88	21.92		
5	QPSK	12	7	21.75	21.81	21.82	23.5	1
5	QPSK	12	13	21.93	21.88	21.83		
5	QPSK	25	0	21.82	21.79	21.77		
5	16QAM	1	0	21.85	21.97	21.95		
5	16QAM	1	12	21.77	21.89	21.82	23.5	1
5	16QAM	1	24	21.77	21.93	21.77		
5	16QAM	12	0	20.82	20.89	20.87		
5	16QAM	12	7	20.85	20.82	20.79	22.5	2
5	16QAM	12	13	20.79	20.96	20.85		
5	16QAM	25	0	20.78	20.78	20.75		
5	64QAM	1	0	20.82	21.00	20.82		
5	64QAM	1	12	20.90	20.89	20.89	22.5	2
5	64QAM	1	24	20.89	20.89	20.89		
5	64QAM	12	0	19.78	19.95	19.84		
5	64QAM	12	7	19.81	19.89	19.77	21.5	3
5	64QAM	12	13	19.91	20.03	19.94		
5	64QAM	25	0	19.83	19.94	19.83		
5	256QAM	1	0	17.82	17.93	17.77		
5	256QAM	1	12	17.83	17.90	17.89	19.5	5
5	256QAM	1	24	17.79	17.93	17.85		
5	256QAM	12	0	17.78	17.90	17.79		
5	256QAM	12	7	17.84	17.91	17.78	19.5	5
5	256QAM	12	13	17.83	17.82	17.76		
5	256QAM	25	0	17.83	17.94	17.85		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.75	22.83	22.83		
3	QPSK	1	8	22.80	22.83	22.81	24.5	0
3	QPSK	1	14	22.81	22.77	22.83		
3	QPSK	8	0	21.91	21.81	21.89		
3	QPSK	8	4	21.83	21.77	21.82	23.5	1
3	QPSK	8	7	21.93	21.89	21.86		
3	QPSK	15	0	21.94	21.80	21.84		
3	16QAM	1	0	21.86	22.01	21.98		
3	16QAM	1	8	21.84	21.91	21.81	23.5	1
3	16QAM	1	14	21.80	21.85	21.77		
3	16QAM	8	0	20.84	20.91	20.86		
3	16QAM	8	4	20.79	20.75	20.79	22.5	2
3	16QAM	8	7	20.84	20.91	20.84		
3	16QAM	15	0	20.80	20.77	20.82		
3	64QAM	1	0	20.81	20.97	20.93		
3	64QAM	1	8	20.87	20.96	20.85	22.5	2
3	64QAM	1	14	20.84	20.87	20.83		
3	64QAM	8	0	19.75	20.00	19.88		
3	64QAM	8	4	19.88	19.93	19.77	21.5	3
3	64QAM	8	7	19.89	20.01	19.87		
3	64QAM	15	0	19.77	19.85	19.82		
3	256QAM	1	0	17.82	17.96	17.78		
3	256QAM	1	8	17.79	17.92	17.86	19.5	5
3	256QAM	1	14	17.80	17.88	17.85		
3	256QAM	8	0	17.86	17.99	17.83		
3	256QAM	8	4	17.88	17.87	17.80	19.5	5
3	256QAM	8	7	17.79	17.81	17.77		
3	256QAM	15	0	17.92	17.94	17.81		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.83	22.91	22.85		
1.4	QPSK	1	3	22.85	22.85	22.79		
1.4	QPSK	1	5	22.80	22.84	22.82	24.5	0
1.4	QPSK	3	0	22.85	22.90	22.85		
1.4	QPSK	3	1	22.83	22.81	22.78		
1.4	QPSK	3	3	22.93	22.86	22.84		
1.4	QPSK	6	0	21.80	21.83	21.75	23.5	1
1.4	16QAM	1	0	21.99	22.01	21.97		
1.4	16QAM	1	3	21.89	21.89	22.00		
1.4	16QAM	1	5	21.90	21.83	21.90	23.5	1
1.4	16QAM	3	0	21.91	21.88	21.87		
1.4	16QAM	3	1	21.75	21.84	21.80		
1.4	16QAM	3	3	21.83	21.86	21.89		
1.4	16QAM	6	0	20.89	20.78	20.93	22.5	2
1.4	64QAM	1	0	21.01	21.03	20.92		
1.4	64QAM	1	3	21.02	20.89	20.90		
1.4	64QAM	1	5	20.86	20.96	20.93	22.5	2
1.4	64QAM	3	0	20.84	20.97	20.88		
1.4	64QAM	3	1	20.94	20.87	20.98		
1.4	64QAM	3	3	21.07	21.04	21.09		
1.4	64QAM	6	0	19.84	19.81	19.93	21.5	3
1.4	256QAM	1	0	17.93	17.88	17.96		
1.4	256QAM	1	3	17.85	17.88	17.83		
1.4	256QAM	1	5	17.81	17.77	17.86	19.5	5
1.4	256QAM	3	0	17.84	17.81	17.85		
1.4	256QAM	3	1	17.83	17.76	17.80		
1.4	256QAM	3	3	17.81	17.83	17.77		
1.4	256QAM	6	0	17.84	17.77	17.87	19.5	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	24.93	25.01	24.95		
10	QPSK	1	25	24.83	24.94	24.91	25.7	0
10	QPSK	1	49	24.78	24.83	24.74		
10	QPSK	25	0	23.95	24.05	23.92		
10	QPSK	25	12	23.89	24.02	23.97	24.7	1
10	QPSK	25	25	23.86	23.98	23.91		
10	QPSK	50	0	23.96	24.03	23.90		
10	16QAM	1	0	24.00	24.10	23.96		
10	16QAM	1	25	23.98	24.04	23.96	24.7	1
10	16QAM	1	49	23.81	23.94	23.81		
10	16QAM	25	0	23.13	23.17	23.12		
10	16QAM	25	12	23.04	23.12	23.06	23.7	2
10	16QAM	25	25	22.93	23.03	22.88		
10	16QAM	50	0	23.03	23.07	23.03		
10	64QAM	1	0	23.06	23.17	23.03		
10	64QAM	1	25	23.03	23.14	23.02	23.7	2
10	64QAM	1	49	22.94	23.00	22.90		
10	64QAM	25	0	22.08	22.21	22.08		
10	64QAM	25	12	22.10	22.21	22.18	22.7	3
10	64QAM	25	25	21.99	22.11	22.02		
10	64QAM	50	0	22.05	22.12	21.98		
10	256QAM	1	0	19.99	20.14	20.01		
10	256QAM	1	25	19.96	20.08	19.96	20.7	5
10	256QAM	1	49	19.88	20.00	19.89		
10	256QAM	25	0	20.01	20.05	20.02		
10	256QAM	25	12	19.93	20.00	19.93	20.7	5
10	256QAM	25	25	19.82	19.96	19.89		
10	256QAM	50	0	19.90	19.99	19.93		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	24.84	24.96	24.83		
5	QPSK	1	12	24.80	24.80	24.88	25.7	0
5	QPSK	1	24	24.69	24.72	24.62		
5	QPSK	12	0	23.92	23.99	23.82		
5	QPSK	12	7	23.78	23.97	23.94	24.7	1
5	QPSK	12	13	23.78	23.93	23.87		
5	QPSK	25	0	23.86	23.97	23.82		
5	16QAM	1	0	23.96	24.07	23.88		
5	16QAM	1	12	23.88	23.93	23.82	24.7	1
5	16QAM	1	24	23.69	23.89	23.74		
5	16QAM	12	0	23.00	23.11	22.99		
5	16QAM	12	7	22.96	23.02	23.01	23.7	2
5	16QAM	12	13	22.84	22.99	22.84		
5	16QAM	25	0	22.96	22.98	22.91		
5	64QAM	1	0	22.94	23.09	22.93		
5	64QAM	1	12	22.94	23.04	22.97	23.7	2
5	64QAM	1	24	22.88	22.89	22.83		
5	64QAM	12	0	22.02	22.07	21.96		
5	64QAM	12	7	21.96	22.13	22.05	22.7	3
5	64QAM	12	13	21.94	21.97	21.93		
5	64QAM	25	0	21.91	22.06	21.92		
5	256QAM	1	0	19.93	20.05	19.89		
5	256QAM	1	12	19.94	19.98	19.84	20.7	5
5	256QAM	1	24	19.78	19.97	19.75		
5	256QAM	12	0	19.94	19.98	19.96		
5	256QAM	12	7	19.94	19.88	19.80	20.7	5
5	256QAM	12	13	19.75	19.89	19.86		
5	256QAM	25	0	19.78	19.85	19.87		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	24.85	24.91	24.91		
3	QPSK	1	8	24.69	24.81	24.83	25.7	0
3	QPSK	1	14	24.63	24.79	24.64		
3	QPSK	8	0	23.88	23.90	23.85		
3	QPSK	8	4	23.81	23.90	23.83	24.7	1
3	QPSK	8	7	23.80	23.92	23.78		
3	QPSK	15	0	23.87	23.88	23.76		
3	16QAM	1	0	23.88	24.06	23.87		
3	16QAM	1	8	23.91	23.91	23.86	24.7	1
3	16QAM	1	14	23.88	23.86	23.77		
3	16QAM	8	0	23.05	23.06	23.05		
3	16QAM	8	4	22.97	23.00	22.96	23.7	2
3	16QAM	8	7	22.83	22.97	22.82		
3	16QAM	15	0	22.92	22.96	22.93		
3	64QAM	1	0	22.92	23.11	22.96		
3	64QAM	1	8	22.97	23.08	22.90	23.7	2
3	64QAM	1	14	22.89	22.88	22.75		
3	64QAM	8	0	22.01	22.07	21.97		
3	64QAM	8	4	22.05	22.08	22.05	22.7	3
3	64QAM	8	7	21.95	22.01	21.90		
3	64QAM	15	0	21.95	21.99	21.95		
3	256QAM	1	0	19.97	20.06	19.97		
3	256QAM	1	8	19.90	20.00	19.85	20.7	5
3	256QAM	1	14	19.79	19.94	19.85		
3	256QAM	8	0	19.95	20.02	19.95		
3	256QAM	8	4	19.85	19.92	19.88	20.7	5
3	256QAM	8	7	19.76	19.84	19.76		
3	256QAM	15	0	19.85	19.95	19.83		
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	24.93	24.85		
1.4	QPSK	1	3	24.72	24.91	24.82		
1.4	QPSK	1	5	24.74	24.77	24.64	25.7	0
1.4	QPSK	3	0	24.82	24.96	24.88		
1.4	QPSK	3	1	24.80	24.93	24.93		
1.4	QPSK	3	3	24.80	24.91	24.88		
1.4	QPSK	6	0	23.94	23.98	23.84	24.7	1
1.4	16QAM	1	0	23.94	24.02	23.92		
1.4	16QAM	1	3	23.98	23.91	23.85		
1.4	16QAM	1	5	23.75	23.89	23.71	24.7	1
1.4	16QAM	3	0	24.05	24.13	24.05		
1.4	16QAM	3	1	23.96	24.08	23.97		
1.4	16QAM	3	3	24.00	24.00	23.79		
1.4	16QAM	6	0	22.95	23.00	22.95	23.7	2
1.4	64QAM	1	0	22.98	23.07	22.99		
1.4	64QAM	1	3	22.93	23.01	22.95		
1.4	64QAM	1	5	22.96	23.01	22.77	23.7	2
1.4	64QAM	3	0	22.97	23.08	23.00		
1.4	64QAM	3	1	22.98	23.13	23.07		
1.4	64QAM	3	3	22.94	23.01	22.87		
1.4	64QAM	6	0	22.00	22.08	21.92	22.7	3
1.4	256QAM	1	0	19.95	20.02	19.92		
1.4	256QAM	1	3	19.90	19.97	19.84		
1.4	256QAM	1	5	19.81	19.88	19.85	20.7	5
1.4	256QAM	3	0	19.91	19.90	19.90		
1.4	256QAM	3	1	19.88	19.89	19.88		
1.4	256QAM	3	3	19.75	19.88	19.79		
1.4	256QAM	6	0	19.79	19.87	19.88	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				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	22.15	22.28	22.21		
20	QPSK	1	49	22.08	22.14	22.20	23.5	0
20	QPSK	1	99	22.02	22.04	21.87		
20	QPSK	50	0	22.07	22.17	22.11		
20	QPSK	50	24	22.10	22.14	22.03	23.5	0
20	QPSK	50	50	21.98	22.09	22.06		
20	QPSK	100	0	22.02	22.08	22.04		
20	16QAM	1	0	22.11	22.21	22.13		
20	16QAM	1	49	22.20	22.27	22.20	23.5	0
20	16QAM	1	99	22.24	22.24	22.25		
20	16QAM	50	0	21.16	21.19	21.11		
20	16QAM	50	24	20.96	21.07	20.97	22.5	1
20	16QAM	50	50	20.99	21.07	21.03		
20	16QAM	100	0	20.99	21.14	21.06		
20	64QAM	1	0	21.12	21.26	21.17		
20	64QAM	1	49	21.04	21.12	21.01	22.5	1
20	64QAM	1	99	20.98	21.11	21.02		
20	64QAM	50	0	20.15	20.22	20.16		
20	64QAM	50	24	20.00	20.10	19.96	21.5	2
20	64QAM	50	50	20.05	20.09	19.95		
20	64QAM	100	0	20.12	20.17	20.06		
20	256QAM	1	0	18.11	18.16	18.08		
20	256QAM	1	49	17.93	18.02	17.88	19.5	4
20	256QAM	1	99	17.93	18.01	17.97		
20	256QAM	50	0	18.18	18.27	18.19		
20	256QAM	50	24	18.11	18.23	18.18	19.5	4
20	256QAM	50	50	18.09	18.15	18.01		
20	256QAM	100	0	18.14	18.18	18.09		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	22.03	22.11	22.12		
15	QPSK	1	37	21.89	21.99	21.94	23.5	0
15	QPSK	1	74	21.78	21.72	21.74		
15	QPSK	36	0	21.85	22.02	21.80		
15	QPSK	36	20	22.01	22.03	21.90	23.5	0
15	QPSK	36	39	21.68	21.93	21.88		
15	QPSK	75	0	21.71	21.87	21.92		
15	16QAM	1	0	22.04	22.27	22.12		
15	16QAM	1	37	22.10	22.19	21.97	23.5	0
15	16QAM	1	74	22.09	22.15	21.93		
15	16QAM	36	0	21.04	21.02	20.81		
15	16QAM	36	20	20.87	20.90	20.86	22.5	1
15	16QAM	36	39	20.81	20.79	20.93		
15	16QAM	75	0	20.78	20.84	20.90		
15	64QAM	1	0	20.95	21.12	21.09		
15	64QAM	1	37	20.81	20.86	20.84	22.5	1
15	64QAM	1	74	20.79	20.91	20.73		
15	64QAM	36	0	20.04	20.09	19.94		
15	64QAM	36	20	19.77	19.93	19.88	21.5	2
15	64QAM	36	39	19.89	19.81	19.71		
15	64QAM	75	0	19.95	20.07	19.82		
15	256QAM	1	0	17.81	17.91	17.77		
15	256QAM	1	37	17.85	17.92	17.76	19.5	4
15	256QAM	1	74	17.64	17.71	17.80		
15	256QAM	36	0	17.95	18.00	17.96		
15	256QAM	36	20	17.96	18.04	17.87	19.5	4
15	256QAM	36	39	17.96	18.06	17.77		
15	256QAM	75	0	17.89	17.86	18.00		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	21.93	22.11	21.94		
10	QPSK	1	25	21.88	21.85	22.06	23.5	0
10	QPSK	1	49	21.89	21.69	21.74		
10	QPSK	25	0	21.77	22.01	22.00		
10	QPSK	25	12	22.00	21.94	21.74	23.5	0
10	QPSK	25	25	21.87	21.87	21.87		
10	QPSK	50	0	21.78	21.90	21.77		
10	16QAM	1	0	22.03	22.14	22.11		
10	16QAM	1	25	22.09	22.03	22.04	23.5	0
10	16QAM	1	49

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BW [MHz]	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	22.58	22.67	22.64	24	0
20	QPSK	1	49	22.52	22.64	22.57		
20	QPSK	1	99	22.55	22.66	22.53		
20	QPSK	50	0	21.71	21.77	21.72	23	1
20	QPSK	50	24	21.66	21.71	21.60		
20	QPSK	50	50	21.61	21.64	21.55		
20	QPSK	100	0	21.65	21.69	21.62		
20	16QAM	1	0	21.59	21.70	21.63	23	1
20	16QAM	1	49	21.57	21.69	21.63		
20	16QAM	1	99	21.55	21.66	21.60		
20	16QAM	50	0	20.71	20.84	20.70	22	2
20	16QAM	50	24	20.65	20.74	20.64		
20	16QAM	50	50	20.60	20.70	20.59		
20	16QAM	100	0	20.58	20.67	20.55		
20	64QAM	1	0	20.61	20.73	20.63	22	2
20	64QAM	1	49	20.53	20.68	20.54		
20	64QAM	1	99	20.58	20.67	20.61		
20	64QAM	50	0	19.75	19.87	19.82	21	3
20	64QAM	50	24	19.67	19.79	19.69		
20	64QAM	50	50	19.67	19.78	19.64		
20	64QAM	100	0	19.54	19.64	19.54		
20	256QAM	1	0	17.63	17.77	17.68	19	5
20	256QAM	1	49	17.55	17.65	17.60		
20	256QAM	1	99	17.58	17.67	17.60		
20	256QAM	50	0	17.79	17.89	17.77	19	5
20	256QAM	50	24	17.67	17.76	17.72		
20	256QAM	50	50	17.70	17.78	17.73		
20	256QAM	100	0	17.74	17.84	17.71		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.50	22.61	22.52	24	0
15	QPSK	1	37	22.40	22.57	22.47		
15	QPSK	1	74	22.43	22.55	22.44		
15	QPSK	36	0	21.56	21.66	21.63	23	1
15	QPSK	36	20	21.59	21.63	21.50		
15	QPSK	36	39	21.50	21.51	21.41		
15	QPSK	75	0	21.58	21.59	21.52		
15	16QAM	1	0	21.53	21.64	21.52	23	1
15	16QAM	1	37	21.48	21.65	21.55		
15	16QAM	1	74	21.47	21.59	21.46		
15	16QAM	36	0	20.64	20.74	20.57	22	2
15	16QAM	36	20	20.52	20.66	20.52		
15	16QAM	36	39	20.52	20.58	20.53		
15	16QAM	75	0	20.53	20.56	20.50		
15	64QAM	1	0	20.57	20.60	20.58	22	2
15	64QAM	1	37	20.42	20.56	20.46		
15	64QAM	1	74	20.43	20.58	20.52		
15	64QAM	36	0	19.66	19.76	19.67	21	3
15	64QAM	36	20	19.53	19.69	19.58		
15	64QAM	36	39	19.56	19.64	19.58		
15	64QAM	75	0	19.41	19.54	19.39		
15	256QAM	1	0	17.66	17.79	17.69	19	5
15	256QAM	1	37	17.51	17.65	17.54		
15	256QAM	1	74	17.52	17.71	17.64		
15	256QAM	36	0	17.81	17.88	17.83	19	5
15	256QAM	36	20	17.69	17.77	17.75		
15	256QAM	36	39	17.64	17.80	17.69		
15	256QAM	75	0	17.70	17.81	17.73		
Channel				37600	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.45	22.56	22.52	24	0
10	QPSK	1	25	22.45	22.58	22.48		
10	QPSK	1	49	22.42	22.55	22.45		
10	QPSK	25	0	21.61	21.66	21.64	23	1
10	QPSK	25	12	21.63	21.60	21.55		
10	QPSK	25	25	21.56	21.49	21.48		
10	QPSK	50	0	21.59	21.63	21.48		
10	16QAM	1	0	21.52	21.62	21.51	23	1
10	16QAM	1	25	21.48	21.60	21.53		
10	16QAM	1	49	21.51	21.55	21.54		
10	16QAM	25	0	20.66	20.73	20.62	22	2
10	16QAM	25	12	20.50	20.66	20.58		
10	16QAM	25	25	20.56	20.57	20.47		
10	16QAM	50	0	20.52	20.59	20.47		
10	64QAM	1	0	20.48	20.70	20.58	22	2
10	64QAM	1	25	20.41	20.62	20.49		
10	64QAM	1	49	20.47	20.56	20.54		
10	64QAM	25	0	19.64	19.74	19.78	21	3
10	64QAM	25	12	19.61	19.70	19.60		
10	64QAM	25	25	19.61	19.64	19.52		
10	64QAM	50	0	19.42	19.55	19.42		
10	256QAM	1	0	17.58	17.73	17.67	19	5
10	256QAM	1	25	17.60	17.62	17.61		
10	256QAM	1	49	17.55	17.66	17.57		
10	256QAM	25	0	17.76	17.86	17.73	19	5
10	256QAM	25	12	17.70	17.72	17.70		
10	256QAM	25	25	17.74	17.87	17.69		
10	256QAM	50	0	17.74	17.87	17.67		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.45	22.56	22.52	24	0
5	QPSK	1	12	22.48	22.58	22.42		
5	QPSK	1	24	22.50	22.60	22.48		
5	QPSK	12	0	21.64	21.67	21.68	23	1
5	QPSK	12	7	21.52	21.66	21.49		
5	QPSK	12	13	21.48	21.60	21.50		
5	QPSK	25	0	21.53	21.63	21.59		
5	16QAM	1	0	21.45	21.67	21.57	23	1
5	16QAM	1	12	21.43	21.58	21.51		
5	16QAM	1	24	21.49	21.63	21.49		
5	16QAM	12	0	20.65	20.75	20.66	22	2
5	16QAM	12	7	20.61	20.65	20.55		
5	16QAM	12	13	20.48	20.62	20.53		
5	16QAM	25	0	20.44	20.61	20.40		
5	64QAM	1	0	20.50	20.65	20.52	22	2
5	64QAM	1	12	20.41	20.58	20.45		
5	64QAM	1	24	20.54	20.62	20.49		
5	64QAM	12	0	19.64	19.74	19.77	21	3
5	64QAM	12	7	19.57	19.73	19.65		
5	64QAM	12	13	19.61	19.67	19.53		
5	64QAM	25	0	19.51	19.49	19.50		
5	256QAM	1	0	17.64	17.82	17.67	19	5
5	256QAM	1	12	17.50	17.61	17.61		
5	256QAM	1	24	17.64	17.61	17.61		
5	256QAM	12	0	17.85	17.94	17.78	19	5
5	256QAM	12	7	17.66	17.74	17.77		
5	256QAM	12	13	17.71	17.74	17.68		
5	256QAM	25	0	17.79	17.84	17.70		

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	22.85	22.72	22.93	22.81	22.76	24.5	0
20	QPSK	1	49	22.83	22.81	22.86	22.80	22.74		
20	QPSK	1	99	22.65	22.64	22.75	22.70	22.68		
20	QPSK	50	0	21.77	21.84	21.88	21.80	21.85	23.5	1
20	QPSK	50	24	21.71	21.87	21.78	21.64	21.71		
20	QPSK	50	50	21.69	21.77	21.81	21.68	21.74		
20	QPSK	100	0	21.70	21.75	21.84	21.75	21.75		
20	16QAM	1	0	21.91	21.91	21.95	21.88	21.94	23.5	1
20	16QAM	1	49	21.70	21.70	21.83	21.77	21.69		
20	16QAM	1	99	21.71	21.68	21.80	21.67	21.76		
20	16QAM	50	0	20.86	20.78	20.91	20.83	20.87	22.5	2
20	16QAM	50	24	20.74	20.67	20.78	20.74	20.68		
20	16QAM	50	50	20.66	20.75	20.79	20.67	20.64		
20	16QAM	100	0	20.83	20.76	20.89	20.84	20.84		
20	64QAM	1	0	20.89	20.92	20.95	20.86	20.82	22.5	2
20	64QAM	1	49	20.80	20.83	20.87	20.74	20.83		
20	64QAM	1	99	20.72	20.76	20.79	20.65	20.70		
20	64QAM	50	0	19.83	19.90	19.97	19.91	19.86	21.5	3
20	64QAM	50	24	19.69	19.70	19.76	19.67	19.66		
20	64QAM	50	50	19.74	19.72	19.80	19.69	19.66		
20	64QAM	100	0	19.80	19.73	19.86	19.76	19.81		
20	256QAM	1	0	17.79	17.76	17.84	17.74	17.69	19.5	5
20	256QAM	1	49	17.65	17.67	17.72	17.65	17.68		
20	256QAM	1	99	17.68	17.67	17.76	17.65	17.64		
20	256QAM	50	0	17.77	17.77	17.89	17.83	17.82	19.5	5
20	256QAM	50	24	17.69	17.74	17.82	17.78	17.69		
20	256QAM	50	50	17.69	17.71	17.76	17.69	17.75		
20	256QAM	100	0	17.82	17.71	17.86	17.71	17.82		
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	22.77	22.68	22.87	22.76	22.73	25	0
15	QPSK	1	37	22.74	22.74	22.78	22.68	22.63		
15	QPSK	1	74	22.61	22.60	22.62	22.56	22.53		
15	QPSK	36	0	21.63	21.76	21.75	21.74	21.80	23.5	1
15	QPSK	36	20	21.59	21.54	21.68	21.54	21.63		
15	QPSK	36	39	21.65	21.67	21.71	21.60	21.63		
15	QPSK	75	0	21.60	21.68	21.75	21.65	21.61		
15	16QAM	1	0	21.85	21.80	21.82	21.81	21.75	23.5	1
15	16QAM	1	37	21.56	21.63	21.71	21.67	21.57		
15	16QAM	1	74	21.60	21.62	21.69	21.56	21.64		
15	16QAM	36	0	20.78	20.73	20.85	20.73	20.75	22.5	2
15	16QAM	36	20	20.68	20.60	20.66	20.65	20.58		
15	16QAM	36	39	20.55	20.61	20.66	20.62	20.57		
15	16QAM	75	0	20.69	20.71	20.76	20.80	20.70		
15	64QAM	1	0	20.82	20.84	20.86	20.77	20.74	22.5	2
15	64QAM	1	37	20.68	20.70	20.79	20.66	20.74		
15	64QAM	1	74	20.61	20.64	20.68	20.53	20.62		
15	64QAM	36	0	19.78	19.77	19.83	19.85	19.74	21.5	3
15	64QAM	36	20	19.54	19.62	19.65	19.57	19.61		
15	64QAM	36	39	19.62	19.58	19.75	19.64	19.53		
15	64QAM	75	0	19.73	19.67	19.80	19.70	19.73		
15	256QAM	1	0	17.68	17.69	17.79	17.61	17.60	19.5	5
15	256QAM	1	37	17.61	17.56	17.62	17.58	17.61		
15	256QAM	1	74	17.62	17.56	17.62	17.55	17.60		
15	256QAM	36	0	17.66	17.72	17.86	17.80	17.68	19.5	5
15	256QAM	36	20	17.60	17.63	17.72	17.66	17.63		
15	256QAM	36	39	17.61	17.64	17.69	17.60	17.69		
15	256QAM	75	0	17.76	17.63	17.83	17.60	17.72		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.74	22.64	22.81	22.77	22.68	24.50	0
10	QPSK	1	25	22.72	22.66	22.75	22.66	22.60		
10	QPSK	1	49	22.56	22.52	22.68	22.56	22.55		
10	QPSK	25	0	21.66	21.73	21.80	21.75	21.73	23.5	1
10	QPSK	25	12	21.69	21.58	21.75	21.51	21.63		
10	QPSK	25	25	21.64	21.62	21.77	21.60	21.66		
10	QPSK	50	0	21.57	21.64	21.69	21.68	21.69		
10	16QAM	1	0	21.78	21.87	21.86	21.83	21.76	23.5	1
10	16QAM	1	25	21.66	21.56	21.79	21.66	21.59		
10	16QAM	1	49	21.59	21.64	21.73	21.62	21.71		
10	16QAM	25	0	20.77	20.65	20.85	20.79	20.75	22.5	2
10	16QAM	25	12	20.62	20.62	20.64	20.65	20.63		
10	16QAM	25	25	20.54	20.62	20.73	20.60	20.59		
10	16QAM	50	0	20.72	20.67	20.76	20.72	20.71		
10	64QAM	1	0	20.79	20.78	20.87	20.82	20.69	22.5	2
10	64QAM	1	25	20.70	20.71	20.81	20.70	20.79		
10	64QAM	1	49	20.68	20.66	20.72	20.56	20.65		
10	64QAM	25	0	19.80	19.76	19.89	19.87	19.77	21.5	3
10	64QAM	25	12	19.63	19.55	19.67	19.57	19.59		
10	64QAM	25	25	19.59	19.58	19.72	19.65	19.62		
10	64QAM	50	0	19.71	19.59	19.77	19.65	19.71		
10	256QAM	1	0	17.74	17.71	17.74	17.63	17.64	19.5	5
10	256QAM	1	25	17.51	17.53	17.68	17.57	17.56		
10	256QAM	1	49	17.62	17.52	17.71	17.58	17.59		
10	256QAM	25	0	17.66	17.65	17.83	17.80	17.75	19.5	5
10	256QAM	25	12	17.60	17.61	17.75	17.72	17.62		
10	256QAM	25	25	17.74	17.68	17.71	17.62	17.71		
10	256QAM	50	0	17.68	17.67	17.73	17.61	17.76		
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	22.79	22.65	22.83	22.70	22.69	24.50	0
5	QPSK	1	12	22.71	22.72	22.78	22.73	22.68		
5	QPSK	1	24	22.60	22.57	22.63	22.67	22.61		
5	QPSK	12	0	21.66	21.76	21.82	21.75	21.75	23.5	1
5	QPSK	12	7	21.67	21.61	21.63	21.57	21.64		
5	QPSK	12	13	21.60	21.63	21.73	21.64	21.63		
5	QPSK	25	0	21.60	21.64	21.77	21.71	21.69		
5	16QAM	1	0	21.88	21.82	21.89	21.77	21.76	23.5	1
5	16QAM	1	12	21.59	21.61	21.78	21.72	21.62		
5	16QAM	1	24	21.65	21.55	21.67	21.55	21.67		
5	16QAM	12	0	20.72	20.66	20.77	20.73	20.72	22.5	2
5	16QAM	12	7	20.67	20.58	20.64	20.70	20.55		
5	16QAM	12	13	20.56	20.69	20.69	20.54	20.60		
5	16QAM	25	0	20.75	20.64	20.84	20.70	20.76	22.5	2
5	64QAM	1	0	20.76	20.77	20.87	20.74	20.74		
5	64QAM	1	12	20.65	20.75	20.75	20.60	20.73		
5	64QAM	1	24	20.68	20.68	20.69	20.52	20.57		
5	64QAM	12	0	19.76	19.79	19.90	19.78	19.81	21.5	3
5	64QAM	12	7	19.55	19.59	19.69	19.55	19.62		
5	64QAM	12	13	19.61	19.61	19.75	19.64	19.53		
5	64QAM	25	0	19.70	19.69	19.78	19.72	19.70		
5	256QAM	1	0	17.71	17.67	17.75	17.69	17.57	19.5	5
5	256QAM	1	12	17.59	17.53	17.60	17.52	17.62		
5	256QAM	1	24	17.60	17.58	17.62	17.57	17.55		
5	256QAM	12	0	17.70	17.68	17.75	17.79	17.76	19.5	5
5	256QAM	12	7	17.65	17.65	17.68	17.72	17.55		
5	256QAM	12	13	17.56	17.68	17.73	17.63	17.63		
5	256QAM	25	0	17.73	17.66	17.79	17.60	17.77		

GSM850 Ant1 DSIS

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	30.54	30.66	30.49	32.40	21.54	21.66	21.49	23.40
GPRS 1 Tx slot	30.62	30.62	30.44	32.40	21.62	21.62	21.44	23.40
GPRS 2 Tx slots	27.44	27.53	27.54	29.40	21.44	21.53	21.54	23.40
GPRS 3 Tx slots	25.72	25.76	25.77	27.60	21.46	21.50	21.51	23.34
GPRS 4 Tx slots	24.44	24.52	24.45	26.40	21.44	21.52	21.45	23.40
EDGE 1 Tx slot	26.71	26.77	26.76	28.50	17.71	17.77	17.76	19.50
EDGE 2 Tx slots	23.78	23.80	23.68	25.50	17.78	17.80	17.68	19.50
EDGE 3 Tx slots	21.76	21.89	21.84	23.70	17.50	17.63	17.58	19.44
EDGE 4 Tx slots	20.66	20.82	20.61	22.50	17.66	17.62	17.61	19.50

GSM1900 Ant1 DSIS

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	29.06	29.09	28.89	30.50	20.06	20.09	19.89	21.50
GPRS 1 Tx slot	28.84	29.05	29.05	30.50	19.84	20.05	20.05	21.50
GPRS 2 Tx slots	26.01	26.03	25.99	27.50	20.01	20.03	19.99	21.50
GPRS 3 Tx slots	24.21	24.34	24.15	25.70	19.95	20.08	19.89	21.44
GPRS 4 Tx slots	23.11	23.12	22.94	24.50	20.11	20.12	19.94	21.50
EDGE 1 Tx slot	25.05	25.16	25.31	26.50	16.05	16.16	16.31	17.50
EDGE 2 Tx slots	22.11	22.20	22.31	23.50	16.11	16.20	16.31	17.50
EDGE 3 Tx slots	20.29	20.38	20.56	21.70	16.03	16.12	16.30	17.44
EDGE 4 Tx slots	19.09	19.06	19.23	20.50	16.09	16.06	16.23	17.50

WCDMA II Ant1 DSIS

Band		WCDMA II			Tune-up Limit (dBm)
TX Channel		9262	9400	9538	
Rx Channel		9662	9800	9938	
Frequency (MHz)		1852.4	1880	1907.6	
3GPP Rel 99	AMR 12.2Kbps	20.15	20.33	20.15	21.80
3GPP Rel 99	RMC 12.2Kbps	20.27	20.36	20.18	21.80
3GPP Rel 6	HSDPA Subtest-1	19.33	19.56	19.46	20.80
3GPP Rel 6	HSDPA Subtest-2	19.47	19.59	19.59	20.80
3GPP Rel 6	HSDPA Subtest-3	19.01	19.05	19.10	20.30
3GPP Rel 6	HSDPA Subtest-4	19.07	19.07	19.15	20.30
3GPP Rel 8	DC-HSDPA Subtest-1	19.32	19.47	19.62	20.80
3GPP Rel 8	DC-HSDPA Subtest-2	19.42	19.56	19.60	20.80
3GPP Rel 8	DC-HSDPA Subtest-3	18.98	19.08	19.09	20.30
3GPP Rel 8	DC-HSDPA Subtest-4	18.82	18.98	19.09	20.30
3GPP Rel 6	HSUPA Subtest-1	19.62	19.57	19.61	20.80
3GPP Rel 6	HSUPA Subtest-2	17.67	17.53	17.68	18.80
3GPP Rel 6	HSUPA Subtest-3	18.35	18.61	18.77	19.80
3GPP Rel 6	HSUPA Subtest-4	17.41	17.63	17.71	18.80
3GPP Rel 6	HSUPA Subtest-5	19.44	19.60	19.64	20.80
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	16.94	17.17	17.04	18.30

WCDMA IV Ant1 DSIS

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	21.25	21.51	21.26	22.60
3GPP Rel 99	RMC 12.2Kbps	21.43	21.68	21.46	22.60
3GPP Rel 6	HSDPA Subtest-1	20.31	20.44	20.30	21.60
3GPP Rel 6	HSDPA Subtest-2	20.44	20.33	20.66	21.60
3GPP Rel 6	HSDPA Subtest-3	20.00	19.92	20.16	21.10
3GPP Rel 6	HSDPA Subtest-4	19.85	19.88	19.97	21.10
3GPP Rel 8	DC-HSDPA Subtest-1	20.21	20.51	20.49	21.60
3GPP Rel 8	DC-HSDPA Subtest-2	20.24	20.46	20.47	21.60
3GPP Rel 8	DC-HSDPA Subtest-3	19.84	19.85	19.94	21.10
3GPP Rel 8	DC-HSDPA Subtest-4	19.91	20.08	20.02	21.10
3GPP Rel 6	HSUPA Subtest-1	20.35	20.47	20.37	21.60
3GPP Rel 6	HSUPA Subtest-2	18.31	18.39	18.55	19.60
3GPP Rel 6	HSUPA Subtest-3	19.45	19.26	19.33	20.60
3GPP Rel 6	HSUPA Subtest-4	18.40	18.48	18.70	19.60
3GPP Rel 6	HSUPA Subtest-5	20.44	20.47	20.47	21.60
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	17.81	18.13	17.99	19.10

WCDMA V Ant1 DSIS

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	20.31	20.42	20.46	22.10
3GPP Rel 99	RMC 12.2Kbps	20.35	20.58	20.57	22.10
3GPP Rel 6	HSDPA Subtest-1	19.45	19.48	19.28	21.10
3GPP Rel 6	HSDPA Subtest-2	19.67	19.73	19.25	21.10
3GPP Rel 6	HSDPA Subtest-3	19.09	19.03	19.06	20.60
3GPP Rel 6	HSDPA Subtest-4	19.02	19.13	18.72	20.60
3GPP Rel 8	DC-HSDPA Subtest-1	19.59	19.71	19.39	21.10
3GPP Rel 8	DC-HSDPA Subtest-2	19.60	19.71	19.44	21.10
3GPP Rel 8	DC-HSDPA Subtest-3	19.21	19.17	18.91	20.60
3GPP Rel 8	DC-HSDPA Subtest-4	18.94	19.02	18.95	20.60
3GPP Rel 6	HSUPA Subtest-1	19.54	19.52	19.47	21.10
3GPP Rel 6	HSUPA Subtest-2	17.68	17.58	17.36	19.10
3GPP Rel 6	HSUPA Subtest-3	18.73	18.40	18.47	20.10
3GPP Rel 6	HSUPA Subtest-4	17.66	17.57	17.35	19.10
3GPP Rel 6	HSUPA Subtest-5	19.71	19.53	19.41	21.10
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	17.20	17.09	16.89	18.60

Band 2 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				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	20.89	21.03	20.95	22.3	0
20	QPSK	1	49	20.79	20.91	20.77		
20	QPSK	1	99	20.78	20.94	20.93		
20	QPSK	50	0	20.75	20.97	20.79		
20	QPSK	50	24	20.60	20.90	20.75		
20	QPSK	50	50	20.64	20.74	20.81		
20	QPSK	100	0	20.88	21.00	20.78		
20	16QAM	1	0	20.60	20.88	20.59		
20	16QAM	1	49	20.78	20.77	20.78	22.3	0
20	16QAM	1	99	20.73	20.99	20.83		
20	16QAM	50	0	20.73	20.85	20.69		
20	16QAM	50	24	20.57	20.89	20.77		
20	16QAM	50	50	20.86	20.87	20.96		
20	16QAM	100	0	20.76	20.90	20.62		
20	64QAM	1	0	20.63	20.81	20.86		
20	64QAM	1	49	20.88	21.01	20.80	22.3	0
20	64QAM	1	99	20.70	20.84	20.67		
20	64QAM	50	0	20.61	20.77	20.82		
20	64QAM	50	24	20.78	20.99	20.95	22.3	0
20	64QAM	50	50	20.61	20.89	20.71		
20	64QAM	100	0	20.59	20.75	20.80		
20	256QAM	1	0	18.80	19.13	19.02		
20	256QAM	1	49	18.77	18.92	18.88	20.3	2
20	256QAM	1	99	18.77	19.00	18.93		
20	256QAM	50	0	18.90	18.95	18.92		
20	256QAM	50	24	18.83	19.09	19.07	20.3	2
20	256QAM	50	50	18.69	18.94	18.88		
20	256QAM	100	0	18.88	19.00	18.97		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	20.88	20.84	20.76	22.3	0
15	QPSK	1	37	20.71	20.81	20.67		
15	QPSK	1	74	20.58	20.86	20.89		
15	QPSK	36	0	20.68	20.76	20.80		
15	QPSK	36	20	20.58	20.79	20.61		
15	QPSK	36	39	20.46	20.56	20.68		
15	QPSK	75	0	20.82	20.84	20.66		
15	16QAM	1	0	20.54	20.67	20.41		
15	16QAM	1	37	20.79	20.64	20.58	22.3	0
15	16QAM	1	74	20.57	20.90	20.67		
15	16QAM	36	0	20.57	20.68	20.68		
15	16QAM	36	20	20.55	20.72	20.61	22.3	0
15	16QAM	36	39	20.86	20.72	20.82		
15	16QAM	75	0	20.62	20.82	20.60		
15	64QAM	1	0	20.57	20.65	20.69		
15	64QAM	1	37	20.68	20.85	20.72	22.3	0
15	64QAM	1	74	20.50	20.79	20.49		
15	64QAM	36	0	20.56	20.65	20.73		
15	64QAM	36	20	20.66	20.85	20.73	22.3	0
15	64QAM	36	39	20.47	20.74	20.56		
15	64QAM	75	0	20.54	20.62	20.60		
15	256QAM	1	0	18.80	19.10	18.86		
15	256QAM	1	37	18.76	18.72	18.89	20.3	2
15	256QAM	1	74	18.63	18.91	18.74		
15	256QAM	36	0	18.79	18.84	18.87		
15	256QAM	36	20	18.84	18.90	18.90	20.3	2
15	256QAM	36	39	18.64	18.86	18.77		
15	256QAM	75	0	18.82	18.92	18.89		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	20.81	21.00	20.78	22.3	0
10	QPSK	1	25	20.68	20.82	20.79		
10	QPSK	1	49	20.61	20.81	20.73		
10	QPSK	25	0	20.54	20.90	20.72		
10	QPSK	25	12	20.52	20.91	20.74	22.3	0
10	QPSK	25	25	20.55	20.79	20.62		
10	QPSK	50	0	20.89	21.00	20.69		
10	16QAM	1	0	20.52	20.74	20.56		
10	16QAM	1	25	20.75	20.67	20.57	22.3	0
10	16QAM	1	49	20.73	20.90	20.62		
10	16QAM	25	0	20.55	20.71	20.51		
10	16QAM	25	12	20.39	20.72	20.69	22.3	0
10	16QAM	25	25	20.83	20.80	20.83		
10	16QAM	50	0	20.68	20.72	20.51		
10	64QAM	1	0	20.61	20.67	20.83		
10	64QAM	1	25	20.79	20.89	20.71	22.3	0
10	64QAM	1	49	20.64	20.71	20.46		
10	64QAM	25	0	20.55	20.72	20.68		
10	64QAM	25	12	20.69	20.94	20.83	22.3	0
10	64QAM	25	25	20.46	20.78	20.51		
10	64QAM	50	0	20.37	20.54	20.67		
10	256QAM	1	0	18.80	19.06	18.86		
10	256QAM	1	25	18.66	18.81	18.72	20.3	2
10	256QAM	1	49	18.74	18.87	18.91		
10	256QAM	25	0	18.76	18.94	18.85		
10	256QAM	25	12	18.71	18.96	18.96	20.3	2
10	256QAM	25	25	18.50	18.78	18.70		
10	256QAM	50	0	18.69	18.79	18.75		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	20.79	21.00	20.85	22.3	0
5	QPSK	1	12	20.80	20.90	20.70		
5	QPSK	1	24	20.78	20.96	20.83		
5	QPSK	12	0	20.56	20.80	20.72		
5	QPSK	12	7	20.61	20.90	20.67	22.3	0
5	QPSK	12	13	20.62	20.68	20.62		
5	QPSK	25	0	20.84	20.94	20.65		
5	16QAM	1	0	20.55	20.81	20.53		
5	16QAM	1	12	20.69	20.56	20.61	22.3	0
5	16QAM	1	24	20.66	20.96	20.84		
5	16QAM	12	0	20.64	20.79	20.48		
5	16QAM	12	7	20.53	20.72	20.61	22.3	0
5	16QAM	12	13	20.85	20.81	20.90		
5	16QAM	25	0	20.61	20.79	20.60		
5	64QAM	1	0	20.42	20.78	20.87		
5	64QAM	1	12	20.78	20.81	20.60	22.3	0
5	64QAM	1	24	20.71	20.63	20.57		
5	64QAM	12	0	20.49	20.55	20.83		
5	64QAM	12	7	20.64	20.98	20.93	22.3	0
5	64QAM	12	13	20.61	20.88	20.55		
5	64QAM	25	0	20.58	20.78	20.79		
5	256QAM	1	0	18.81	19.05	19.04		
5	256QAM	1	12	18.72	18.92	18.86	20.3	2
5	256QAM	1	24	18.58	18.80	18.90		
5	256QAM	12	0	18.79	18.80	18.87		
5	256QAM	12	7	18.65	18.99	19.00	20.3	2
5	256QAM	12	13	18.51	18.88	18.77		
5	256QAM	25	0	18.69	18.94	18.78		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	20.81	20.98	20.73	22.3	0
3	QPSK	1	8	20.70	20.85	20.68		
3	QPSK	1	14	20.69	20.90	20.84		
3	QPSK	8	0	20.71	20.78	20.71		
3	QPSK	8	4	20.58	20.84	20.74	22.3	0
3	QPSK	8	7	20.58	20.67	20.62		
3	QPSK	15	0	20.90	20.83	20.67		
3	16QAM	1	0	20.47	20.74	20.60		
3	16QAM	1	8	20.64	20.63	20.74	22.3	0
3	16QAM	1	14	20.64	20.93	20.74		
3	16QAM	8	0	20.57	20.72	20.63		
3	16QAM	8	4	20.69	20.77	20.67	22.3	0
3	16QAM	8	7	20.69	20.74	20.92		
3	16QAM	15	0	20.68	20.89	20.63		
3	64QAM	1	0	20.64	20.60	20.72		
3	64QAM	1	8	20.75	20.90	20.68	22.3	0
3	64QAM	1	14	20.50	20.81	20.49		
3	64QAM	8	0	20.62	20.68	20.84		
3	64QAM	8	4	20.60	21.01	20.90	22.3	0
3	64QAM	8	7	20.61	20.77	20.63		
3	64QAM	15	0	20.60	20.70	20.60		
3	256QAM	1	0	18.68	19.02	18.94		
3	256QAM	1	8	18.56	18.87	18.75	20.3	2
3	256QAM	1	14	18.67	18.82	18.92		
3	256QAM	8	0	18.88	18.77	18.73		
3	256QAM	8	4	18.76	19.10	18.98	20.3	2
3	256QAM	8	7	18.60	18.89	18.88		
3	256QAM	15	0	18.86	18.90	18.94		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	20.75	21.00	20.76	22.3	0
1.4	QPSK	1	3	20.77	20.89	20.79		
1.4	QPSK	1	5	20.67	20.93	20.84		
1.4	QPSK	3	0	20.67	20.76	20.73		
1.4	QPSK	3	1	20.65	20.86	20.63		
1.4	QPSK	3	3	20.55	20.65	20.70		
1.4	QPSK	6	0	20.84	20.88	20.59	22.3	0
1.4	16QAM	1	0	20.43	20.82	20.46	22.3	0
1.4	16QAM	1	3	20.64	20.74	20.72		
1.4	16QAM	1	5	20.54	20.88	20.78		
1.4	16QAM	3	0	20.67	20.67	20.69		
1.4	16QAM	3	1	20.54	20.76	20.55		
1.4	16QAM	3	3	20.70	20.66	20.95		
1.4	16QAM	6	0	20.55	20.88	20.62	22.3	0
1.4	64QAM	1	0	20.53	20.75	20.68	22.3	0
1.4	64QAM	1	3	20.86	20.99	20.80		
1.4	64QAM	1	5	20.68	20.74	20.54		
1.4	64QAM	3	0	20.55	20.66	20.67		
1.4	64QAM	3	1	20.75	20.91	20.96		
1.4	64QAM	3	3	20.62	20.90	20.66		
1.4	64QAM	6	0	20.38	20.63	20.67	22.3	0
1.4	256QAM	1	0	18.65	19.01	18.95	20.3	2
1.4	256QAM	1	3	18.63	18.76	18.85		
1.4	256QAM	1	5	18.61	19.00	18.80		
1.4	256QAM	3	0	18.89	18.73	18.71		
1.4	256QAM	3	1	18.76	19.10	18.90		
1.4	256QAM	3	3	18.81	18.92	18.79		
1.4	256QAM	6	0	18.89	18.97	18.92	20.3	2

Band 4 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				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	21.64	21.83	21.63	22.7	0
20	QPSK	1	49	21.63	21.63	21.48		
20	QPSK	1	99	21.52	21.69	21.45		
20	QPSK	50	0	21.46	21.77	21.52		
20	QPSK	50	24	21.59	21.70	21.62		
20	QPSK	50	50	21.43	21.68	21.61		
20	QPSK	100	0	21.61	21.65	21.50		
20	16QAM	1	0	21.43	21.62	21.41		
20	16QAM	1	49	21.54	21.78	21.59	22.7	0
20	16QAM	1	99	21.43	21.75	21.48		
20	16QAM	50	0	21.43	21.75	21.56		
20	16QAM	50	24	21.56	21.63	21.46		
20	16QAM	50	50	21.54	21.82	21.45		
20	16QAM	100	0	21.54	21.61	21.45		
20	64QAM	1	0	21.62	21.68	21.55		
20	64QAM	1	49	21.45	21.65	21.64	22.7	0
20	64QAM	1	99	21.54	21.74	21.42		
20	64QAM	50	0	21.66	21.73	21.55		
20	64QAM	50	24	21.58	21.82	21.45	22.7	0
20	64QAM	50	50	21.45	21.74	21.50		
20	64QAM	100	0	21.51	21.80	21.52		
20	256QAM	1	0	19.92	19.95	19.90		
20	256QAM	1	49	19.85	19.89	19.77	20.7	2
20	256QAM	1	99	19.74	19.81	19.71		
20	256QAM	50	0	19.79	19.88	19.75		
20	256QAM	50	24	19.69	19.77	19.69		
20	256QAM	50	50	19.62	19.75	19.65	20.7	2
20	256QAM	100	0	19.67	19.82	19.75		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	21.58	21.63	21.49	22.7	0
15	QPSK	1	37	21.51	21.61	21.34		
15	QPSK	1	74	21.31	21.54	21.29		
15	QPSK	36	0	21.41	21.59	21.44		
15	QPSK	36	20	21.48	21.68	21.57	22.7	0
15	QPSK	36	39	21.40	21.67	21.41		
15	QPSK	75	0	21.44	21.53	21.35		
15	16QAM	1	0	21.31	21.42	21.24		
15	16QAM	1	37	21.51	21.67	21.50	22.7	0
15	16QAM	1	74	21.26	21.64	21.43		
15	16QAM	36	0	21.36	21.62	21.52		
15	16QAM	36	20	21.40	21.55	21.43	22.7	0
15	16QAM	36	39	21.44	21.61	21.33		
15	16QAM	75	0	21.54	21.42	21.42		
15	64QAM	1	0	21.56	21.47	21.44		
15	64QAM	1	37	21.24	21.65	21.53	22.7	0
15	64QAM	1	74	21.54	21.63	21.41		
15	64QAM	36	0	21.56	21.69	21.43		
15	64QAM	36	20	21.36	21.49	21.41	22.7	0
15	64QAM	36	39	21.45	21.61	21.48		
15	64QAM	75	0	21.31	21.71	21.51		
15	256QAM	1	0	19.72	19.77	19.82		
15	256QAM	1	37	19.83	19.75	19.77	20.7	2
15	256QAM	1	74	19.71	19.63	19.67		
15	256QAM	36	0	19.77	19.72	19.60		
15	256QAM	36	20	19.69	19.56	19.50	20.7	2
15	256QAM	36	39	19.59	19.71	19.59		
15	256QAM	75	0	19.55	19.73	19.70		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	21.45	21.64	21.61	22.7	0
10	QPSK	1	25	21.53	21.51	21.33		
10	QPSK	1	49	21.32	21.69	21.42		
10	QPSK	25	0	21.25	21.62	21.41		
10	QPSK	25	12	21.51	21.53	21.57	22.7	0
10	QPSK	25	25	21.36	21.64	21.41		
10	QPSK	50	0	21.53	21.64	21.30		
10	16QAM	1	0	21.31	21.55	21.27		
10	16QAM	1	25	21.45	21.71	21.39	22.7	0
10	16QAM	1	49	21.42	21.58	21.37		
10	16QAM	25	0	21.41	21.74	21.58		
10	16QAM	25	12	21.55	21.50	21.26	22.7	0
10	16QAM	25	25	21.54	21.68	21.30		
10	16QAM	50	0	21.55	21.51	21.45		
10	64QAM	1	0	21.42	21.68	21.46		
10	64QAM	1	25	21.47	21.55	21.64	22.7	0
10	64QAM	1	49	21.37	21.69	21.42		
10	64QAM	25	0	21.51	21.71	21.49		
10	64QAM	25	12	21.39	21.64	21.40	22.7	0
10	64QAM	25	25	21.27	21.59	21.31		
10	64QAM	50	0	21.49	21.76	21.39		
10	256QAM	1	0	19.83	19.96	19.84		
10	256QAM	1	25	19.73	19.74	19.60	20.7	2
10	256QAM	1	49	19.75	19.65	19.61		
10	256QAM	25	0	19.65	19.67	19.65		
10	256QAM	25	12	19.59	19.66	19.60	20.7	2
10	256QAM	25	25	19.54	19.60	19.45		
10	256QAM	50	0	19.53	19.74	19.63		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	21.53	21.69	21.65	22.7	0
5	QPSK	1	12	21.65	21.42	21.48		
5	QPSK	1	24	21.33	21.59	21.30		
5	QPSK	12	0	21.40	21.79	21.34		
5	QPSK	12	7	21.41	21.63	21.52	22.7	0
5	QPSK	12	13	21.32	21.54	21.58		
5	QPSK	25	0	21.45	21.53	21.49		
5	16QAM	1	0	21.32	21.57	21.39		
5	16QAM	1	12	21.53	21.65	21.43	22.7	0
5	16QAM	1	24	21.28	21.67	21.42		
5	16QAM	12	0	21.41	21.70	21.42		
5	16QAM	12	7	21.58	21.62	21.41	22.7	0
5	16QAM	12	13	21.55	21.64	21.38		
5	16QAM	25	0	21.51	21.60	21.34		
5	64QAM	1	0	21.60	21.65	21.53		
5	64QAM	1	12	21.39	21.56	21.56	22.7	0
5	64QAM	1	24	21.44	21.68	21.31		
5	64QAM	12	0	21.47	21.54	21.47		
5	64QAM	12	7	21.44	21.59	21.33	22.7	0
5	64QAM	12	13	21.31	21.55	21.32		
5	64QAM	25	0	21.49	21.62	21.53		
5	256QAM	1	0	19.76	19.90	19.76		
5	256QAM	1	12	19.67	19.85	19.69	20.7	2
5	256QAM	1	24	19.64	19.59	19.71		
5	256QAM	12	0	19.77	19.66	19.75		
5	256QAM	12	7	19.47	19.62	19.53	20.7	2
5	256QAM	12	13	19.41	19.55	19.56		
5	256QAM	25	0	19.54	19.70	19.63		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	21.48	21.75	21.54	22.7	0
3	QPSK	1	8	21.43	21.56	21.33		
3	QPSK	1	14	21.35	21.70	21.36		
3	QPSK	8	0	21.48	21.65	21.49		
3	QPSK	8	4	21.60	21.65	21.61	22.7	0
3	QPSK	8	7	21.32	21.57	21.53		
3	QPSK	15	0	21.40	21.43	21.47		
3	16QAM	1	0	21.42	21.50	21.29		
3	16QAM	1	8	21.39	21.65	21.44	22.7	0
3	16QAM	1	14	21.37	21.54	21.42		
3	16QAM	8	0	21.43	21.69	21.52		
3	16QAM	8	4	21.54	21.42	21.45	22.7	0
3	16QAM	8	7	21.46	21.69	21.46		
3	16QAM	15	0	21.49	21.46	21.25		
3	64QAM	1	0	21.43	21.55	21.51		
3	64QAM	1	8	21.36	21.67	21.47	22.7	0
3	64QAM	1	14	21.34	21.65	21.22		
3	64QAM	8	0	21.45	21.60	21.54		
3	64QAM	8	4	21.49	21.61	21.29	22.7	0
3	64QAM	8	7	21.31	21.59	21.43		
3	64QAM	15	0	21.33	21.78	21.51		
3	256QAM	1	0	19.82	19.90	19.71		
3	256QAM	1	8	19.86	19.74	19.67	20.7	2
3	256QAM	1	14	19.70	19.80	19.57		
3	256QAM	8	0	19.64	19.72	19.75		
3	256QAM	8	4	19.51	19.62	19.70	20.7	2
3	256QAM	8	7	19.59	19.70	19.61		
3	256QAM	15	0	19.60	19.76	19.67		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	21.44	21.67	21.59	22.7	0
1.4	QPSK	1	3	21.41	21.51	21.44		
1.4	QPSK	1	5	21.47	21.71	21.40		
1.4	QPSK	3	0	21.45	21.65	21.49		
1.4	QPSK	3	1	21.59	21.65	21.50		
1.4	QPSK	3	3	21.29	21.64	21.44		
1.4	QPSK	6	0	21.59	21.51	21.49	22.7	0
1.4	16QAM	1	0	21.36	21.58	21.34	22.7	0
1.4	16QAM	1	3	21.52	21.66	21.59		
1.4	16QAM	1	5	21.33	21.59	21.41		
1.4	16QAM	3	0	21.41	21.63	21.57		
1.4	16QAM	3	1	21.53	21.55	21.46		
1.4	16QAM	3	3	21.35	21.68	21.41		
1.4	16QAM	6	0	21.39	21.63	21.44	22.7	0
1.4	64QAM	1	0	21.50	21.49	21.50	22.7	0
1.4	64QAM	1	3	21.26	21.63	21.53		
1.4	64QAM	1	5	21.54	21.65	21.38		
1.4	64QAM	3	0	21.62	21.70	21.52		
1.4	64QAM	3	1	21.48	21.51	21.33		
1.4	64QAM	3	3	21.30	21.54	21.36		
1.4	64QAM	6	0	21.36	21.67	21.37	22.7	0
1.4	256QAM	1	0	19.88	19.83	19.76	20.7	2
1.4	256QAM	1	3	19.69	19.82	19.64		
1.4	256QAM	1	5	19.64	19.64	19.71		
1.4	256QAM	3	0	19.60	19.83	19.65		
1.4	256QAM	3	1	19.53	19.56	19.52		
1.4	256QAM	3	3	19.51	19.76	19.57		
1.4	256QAM	6	0	19.56	19.73	19.62	20.7	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				20400	20525	20650		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	21.35	21.42	21.21	22.2	0
10	QPSK	1	25	21.33	21.37	21.12		
10	QPSK	1	49	21.29	21.30	21.13		
10	QPSK	25	0	21.20	21.21	20.99	22.2	0
10	QPSK	25	12	21.13	21.15	21.00		
10	QPSK	25	25	21.16	21.18	21.05		
10	QPSK	50	0	21.26	21.30	21.20		
10	16QAM	1	0	21.24	21.22	21.07	22.2	0
10	16QAM	1	25	21.15	21.25	21.02		
10	16QAM	1	49	21.33	21.25	21.18		
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				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	16.33	16.48	16.46	17.5	0
20	QPSK	1	49	16.31	16.37	16.46		
20	QPSK	1	99	16.20	16.40	16.42		
20	QPSK	50	0	16.18	16.42	16.38	17.5	0
20	QPSK	50	24	16.19	16.39	16.33		
20	QPSK	50	50	16.31	16.34	16.33		
20	QPSK	100	0	16.26	16.27	16.21		
20	16QAM	1	0	16.16	16.37	16.47	17.5	0
20	16QAM	1	49	16.21	16.43	16.46		
20	16QAM	1	99	16.31	16.45	16.28		
20	16QAM	50	0	16.28	16.34	16.35	17.5	0
20	16QAM	50	24	16.18	16.44	16.47		
20	16QAM	50	50	16.27	16.31	16.41		
20	16QAM	100	0	16.33	16.36	16.42		
20	64QAM	1	0	16.16	16.44	16.47	17.5	0
20	64QAM	1	49	16.22	16.22	16.26		
20	64QAM	1	99	16.11	16.35	16.42		
20	64QAM	50	0	16.12	16.31	16.39	17.5	0
20	64QAM	50	24	16.19	16.43	16.30		
20	64QAM	50	50	16.26	16.24	16.30		
20	64QAM	100	0	16.19	16.10	16.23		
20	256QAM	1	0	16.11	16.20	16.31	17.5	0
20	256QAM	1	49	16.10	16.30	16.41		
20	256QAM	1	99	16.30	16.42	16.41		
20	256QAM	50	0	16.08	16.22	16.26	17.5	0
20	256QAM	50	24	16.19	16.23	16.36		
20	256QAM	50	50	16.15	16.11	16.37		
20	256QAM	100	0	16.14	16.24	16.38		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	16.34	16.33	16.31	17.5	0
15	QPSK	1	37	16.18	16.28	16.37		
15	QPSK	1	74	16.05	16.23	16.24		
15	QPSK	36	0	15.97	16.33	16.27	17.5	0
15	QPSK	36	20	16.05	16.32	16.16		
15	QPSK	36	39	16.17	16.24	16.26		
15	QPSK	75	0	16.15	16.16	16.15		
15	16QAM	1	0	16.05	16.30	16.37	17.5	0
15	16QAM	1	37	16.12	16.25	16.40		
15	16QAM	1	74	16.29	16.29	16.29		
15	16QAM	36	0	16.11	16.27	16.18	17.5	0
15	16QAM	36	20	16.03	16.39	16.41		
15	16QAM	36	39	16.14	16.14	16.31		
15	16QAM	75	0	16.26	16.27	16.20		
15	64QAM	1	0	16.01	16.36	16.37	17.5	0
15	64QAM	1	37	16.03	16.15	16.07		
15	64QAM	1	74	16.06	16.36	16.43		
15	64QAM	36	0	16.09	16.20	16.25	17.5	0
15	64QAM	36	20	15.99	16.41	16.20		
15	64QAM	36	39	16.24	16.05	16.26		
15	64QAM	75	0	16.21	15.98	16.21		
15	256QAM	1	0	16.10	15.98	16.12	17.5	0
15	256QAM	1	37	16.05	16.16	16.23		
15	256QAM	1	74	16.27	16.21	16.37		
15	256QAM	36	0	15.93	16.05	16.07	17.5	0
15	256QAM	36	20	15.98	16.11	16.33		
15	256QAM	36	39	15.99	15.90	16.32		
15	256QAM	75	0	16.06	16.09	16.34		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	16.28	16.46	16.34	17.5	0
10	QPSK	1	25	16.13	16.34	16.26		
10	QPSK	1	49	16.12	16.31	16.40		
10	QPSK	25	0	16.17	16.29	16.36	17.5	0
10	QPSK	25	12	16.10	16.40	16.27		
10	QPSK	25	25	16.31	16.22	16.34		
10	QPSK	50	0	16.10	16.24	16.11		
10	16QAM	1	0	16.12	16.18	16.37	17.5	0
10	16QAM	1	25	16.03	16.35	16.29		
10	16QAM	1	49	16.26	16.30	16.38		
10	16QAM	25	0	16.18	16.30	16.26	17.5	0
10	16QAM	25	12	16.20	16.24	16.28		
10	16QAM	25	25	16.12	16.24	16.35		
10	16QAM	50	0	16.29	16.31	16.23		
10	64QAM	1	0	16.07	16.25	16.39	17.5	0
10	64QAM	1	25	16.03	16.15	16.07		
10	64QAM	1	49	16.09	16.30	16.43		
10	64QAM	25	0	15.99	16.18	16.35	17.5	0
10	64QAM	25	12	16.04	16.45	16.20		
10	64QAM	25	25	16.11	16.14	16.09		
10	64QAM	50	0	16.09	15.93	16.15		
10	256QAM	1	0	15.95	16.01	16.30	17.5	0
10	256QAM	1	25	15.97	16.20	16.20		
10	256QAM	1	49	16.12	16.22	16.22		
10	256QAM	25	0	16.08	16.13	16.13	17.5	0
10	256QAM	25	12	16.17	16.19	16.16		
10	256QAM	25	25	16.09	16.10	16.19		
10	256QAM	50	0	15.94	16.16	16.27		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	16.27	16.47	16.27	17.5	0
5	QPSK	1	12	16.27	16.30	16.24		
5	QPSK	1	24	15.99	16.30	16.30		
5	QPSK	12	0	16.14	16.31	16.32	17.5	0
5	QPSK	12	7	16.00	16.24	16.29		
5	QPSK	12	13	16.29	16.17	16.16		
5	QPSK	25	0	16.15	16.09	16.12		
5	16QAM	1	0	16.10	16.26	16.35	17.5	0
5	16QAM	1	12	16.03	16.35	16.38		
5	16QAM	1	24	16.18	16.24	16.17		
5	16QAM	12	0	16.22	16.27	16.32	17.5	0
5	16QAM	12	7	16.00	16.39	16.36		
5	16QAM	12	13	16.05	16.24	16.35		
5	16QAM	25	0	16.21	16.29	16.30		
5	64QAM	1	0	16.03	16.44	16.41	17.5	0
5	64QAM	1	12	16.07	16.23	16.26		
5	64QAM	1	24	16.09	16.32	16.21		
5	64QAM	12	0	15.91	16.25	16.31	17.5	0
5	64QAM	12	7	15.98	16.23	16.17		
5	64QAM	12	13	16.27	16.04	16.16		
5	64QAM	25	0	16.18	16.10	16.05		
5	256QAM	1	0	15.98	16.11	16.29	17.5	0
5	256QAM	1	12	16.03	16.18	16.41		
5	256QAM	1	24	16.23	16.38	16.37		
5	256QAM	12	0	16.10	16.04	16.22	17.5	0
5	256QAM	12	7	16.10	15.14	16.35		
5	256QAM	12	13	16.00	15.93	16.24		
5	256QAM	25	0	16.16	16.05	16.21		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	22.30	22.34	22.24	23.2	0
20	QPSK	1	49	22.03	22.14	22.18		
20	QPSK	1	99	22.01	22.33	22.10		
20	QPSK	50	0	22.11	22.27	22.15	23.2	0
20	QPSK	50	24	22.01	22.14	22.09		
20	QPSK	50	50	22.15	22.19	22.11		
20	QPSK	100	0	22.08	22.15	22.05		
20	16QAM	1	0	22.00	22.16	22.16	23.2	0
20	16QAM	1	49	22.02	22.33	22.12		
20	16QAM	1	99	21.98	22.19	22.13		
20	16QAM	50	0	21.99	22.22	22.17	23.2	0
20	16QAM	50	24	22.05	22.19	22.13		
20	16QAM	50	50	22.11	22.27	22.12		
20	16QAM	100	0	22.04	22.29	22.11		
20	64QAM	1	0	22.09	22.33	22.13	23.2	0
20	64QAM	1	49	22.05	22.23	22.05		
20	64QAM	1	99	21.97	22.20	22.08		
20	64QAM	50	0	21.78	21.78	21.63	22.7	0.5
20	64QAM	50	24	21.82	21.80	21.82		
20	64QAM	50	50	21.74	21.81	21.83		
20	64QAM	100	0	21.66	21.92	21.81		
20	256QAM	1	0	19.64	19.77	19.64	20.7	2.5
20	256QAM	1	49	19.67	19.71	19.83		
20	256QAM	1	99	19.75	19.72	19.68		
20	256QAM	50	0	19.71	19.82	19.61	20.7	2.5
20	256QAM	50	24	19.49	19.72	19.53		
20	256QAM	50	50	19.55	19.65	19.71		
20	256QAM	100	0	19.64	19.72	19.59		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	22.15	22.26	22.24	23.2	0
15	QPSK	1	37	21.95	21.93	22.18		
15	QPSK	1	74	22.03	22.25	22.16		
15	QPSK	36	0	21.92	22.20	22.17	23.2	0
15	QPSK	36	20	21.84	22.09	21.98		
15	QPSK	36	39	22.04	22.19	22.00		
15	QPSK	75	0	22.06	22.12	22.03		
15	16QAM	1	0	21.81	22.14	22.02	23.2	0
15	16QAM	1	37	21.92	22.13	21.92		
15	16QAM	1	74	21.79	22.02	21.97		
15	16QAM	36	0	21.99	22.07	22.16	23.2	0
15	16QAM	36	20	22.04	22.06	21.98		
15	16QAM	36	39	21.93	22.19	21.92		
15	16QAM	75	0	21.95	22.16	21.96		
15	64QAM	1	0	22.04	22.15	21.97	23.2	0
15	64QAM	1	37	21.83	22.05	21.95		
15	64QAM	1	74	21.85	22.17	21.88		
15	64QAM	36	0	21.74	21.61	21.56	22.7	0.5
15	64QAM	36	20	21.44	21.77	21.81		
15	64QAM	36	39	21.73	21.83	21.66		
15	64QAM	75	0	21.52	21.94	21.82		
15	256QAM	1	0	19.43	19.72	19.46	20.7	2.5
15	256QAM	1	37	19.58	19.54	19.64		
15	256QAM	1	74	19.65	19.58	19.50		
15	256QAM	36	0	19.68	19.61	19.62	20.7	2.5
15	256QAM	36	20	19.30	19.65	19.49		
15	256QAM	36	39	19.48	19.65	19.62		
15	256QAM	75	0	19.64	19.58	19.45		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	22.18	22.19	22.03	23.2	0
10	QPSK	1	25	21.97	22.01	22.01		
10	QPSK	1	49	21.94	22.22	22.03		
10	QPSK	25	0	22.06	22.16	22.07	23.2	0
10	QPSK	25	12	22.02	22.05	21.87		
10	QPSK	25	25	22.08	22.13	22.10		
10	QPSK	50	0	22.00	21.94	21.92		
10	16QAM	1	0	21.80	22.01	22.05	23.2	0
10	16QAM	1	25	21.91	22.20	21.94		
10	16QAM	1	49	21.98	22.05	22.03		
10	16QAM	25	0	21.91	22.19	22.09	23.2	0
10	16QAM	25	12	21.97	22.02	22.14		
10	16QAM	25	25	21.98	22.22	21.97		
10	16QAM	50	0	21.87	22.19	21.93		
10	64QAM	1	0	22.00	22.16	21.98	23.2	0
10	64QAM	1	25	22.02	22.09	21.87		
10	64QAM	1	49	21.91	22.02	22.04		
10	64QAM	25	0	21.77	21.67	21.42	22.7	0.5
10	64QAM	25	12	21.63	21.59	21.73		
10	64QAM	25	25	21.64	21.70	21.71		
10	64QAM	50	0	21.49	21.73	21.74		
10	256QAM	1	0	19.49	19.59	19.60	20.7	2.5
10	256QAM	1	25	19.46	19.55	19.69		
10	256QAM	1	49	19.67	19.62	19.53		
10	256QAM	25	0	19.64	19.66	19.54	20.7	2.5
10	256QAM	25	12	19.43	19.54	19.33		
10	256QAM	25	25	19.43	19.52	19.52		
10	256QAM	50	0	19.58	19.65	19.44		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	21.96	22.23	22.09	23.2	0
5	QPSK	1	12	21.90	22.00	22.05		
5	QPSK	1	24	21.84	22.18	21.97		
5	QPSK	12	0	22.12	22.26	21.97	23.2	0
5	QPSK	12	7	21.86	21.94	22.03		
5	QPSK	12	13	21.95	22.05	22.00		
5	QPSK	25	0	21.98	22.00	21.87		
5	16QAM	1	0	21.85	22.09	22.03	23.2	0
5	16QAM	1	12	21.83	22.28	21.96		
5	16QAM	1	24	21.81	22.07	22.00		
5	16QAM	12	0	21.95	22.12	22.18	23.2	0
5	16QAM	12	7	22.00	22.18	21.93		
5	16QAM	12	13	22.04	22.26	21.91		
5	16QAM	25	0	21.97	22.29	21.91		
5	64QAM	1	0	22.07	22.13	21.91	23.2	0
5	64QAM	1	12	21.92	22.08	21.96		
5	64QAM	1	24	21.95	22.00	22.03		
5	64QAM	12	0	21.62	21.76	21.62	22.7	0.5
5	64QAM	12	7	21.45	21.69	21.66		
5	64QAM	12	13	21.73	21.71	21.72		
5	64QAM	25	0	21.67	21.84	21.81		
5	256QAM	1	0	19.60	19.61	19.64	20.7	2.5
5	256QAM	1	12	19.63	19.50	19.65		
5	256QAM	1	24	19.57	19.67	19.65		
5	256QAM	12	0	19.54	19.73	19.44	20.7	2.5
5	256QAM	12	7	19.35	19.64	19.33		
5	256QAM	12	13	19.53	19.57	19.56		
5	256QAM	25	0	19.58	19.57	19.57		
Channel				131972	132322	132672	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	22.16	22.33	22.25	23.2	0
3	QPSK	1	8	21.90	21.99	22.10		
3	QPSK	1	14	22.02	22.18	21.97		
3	QPSK	8	0	22.00	22.12	22.07	23.2	0
3	QPSK	8	4	22.00	22.06	21.90		
3	QPSK	8	7	22.00	22.09	22.07		
3	QPSK	15	0	22.00	22.13	21.85		
3	16QAM	1	0	21.94	21.97	22.04	23.2	0
3	16QAM	1	8	21.93	22.25	21.95		
3	16QAM	1	14	21.83	22.05	21.99		
3	16QAM	8	0	21.83	22.23	22.17	23.2	0
3	16QAM	8	4	21.92	22.09	22.00		
3	16QAM	8	7	21.95	22.14	22.13		
3	16QAM	15	0	21.86	22.17	22.10		
3	64QAM	1	0	22.04	22.12	21.92	23.2	0
3	64QAM	1	8	21.97	22.13	22.00		
3	64QAM	1	14	21.84	22.03	21.91		
3	64QAM	8	0	21.64	21.66	21.61	22.7	0.5
3	64QAM	8	4	21.46	21.67	21.82		
3	64QAM	8	7	21.52	21.77	21.74		
3	64QAM	15	0	21.58	21.75	21.68		
3	256QAM	1	0	19.62	19.63	19.48	20.7	2.5
3	256QAM	1	8	19.68	19.60	19.73		
3	256QAM	1	14	19.65	19.56	19.67		
3	256QAM	8	0	19.50	19.78	19.60	20.7	2.5
3	256QAM	8	4	19.38	19.59	19.36		
3	256QAM	8	7	19.35	19.58	19.72		
3	256QAM	15	0	19.51	19.57	19.47		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	21.96	22.27	22.11	23.2	0
1.4	QPSK	1	3	21.89	22.06	21.99		
1.4	QPSK	1	5	21.90	22.28	21.97		
1.4	QPSK	3	0	22.03	22.09	22.14		
1.4	QPSK	3	1	22.03	22.01	22.01		
1.4	QPSK	3	3	22.12	22.13	21.99		
1.4	QPSK	6	0	22.06	21.98	21.94	23.2	0
1.4	16QAM	1	0	21.94	22.05	22.07	23.2	0
1.4	16QAM	1	3	21.95	22.28	22.09		
1.4	16QAM	1	5	22.01	22.07	22.04		
1.4	16QAM	3	0	21.98	22.10	21.98		
1.4	16QAM	3	1	22.00	22.02	21.92		
1.4	16QAM	3	3	21.92	22.16	22.03		
1.4	16QAM	6	0	21.94	22.30	22.11	23.2	0
1.4	64QAM	1	0	22.09	22.22	22.14	23.2	0
1.4	64QAM	1	3	22.05	22.10	22.05		
1.4	64QAM	1	5	21.99	22.05	21.87		
1.4	64QAM	3	0	21.66	21.70	21.61		
1.4	64QAM	3	1	21.62	21.74	21.71		
1.4	64QAM	3	3	21.54	21.80	21.69		
1.4	64QAM	6	0	21.67	21.89	21.76	22.7	0.5
1.4	256QAM	1	0	19.51	19.74	19.48	20.7	2.5
1.4	256QAM	1	3	19.54	19.59	19.84		
1.4	256QAM	1	5	19.70	19.60	19.57		
1.4	256QAM	3	0	19.57	19.65	19.60		
1.4	256QAM	3	1	19.38	19.65	19.50		
1.4	256QAM	3	3	19.41	19.44	19.72		
1.4	256QAM	6	0	19.51	19.56	19.41	20.7	2.5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	18.48	18.74	18.46		
20	QPSK	1	49	18.53	18.65	18.57	19	0
20	QPSK	1	99	18.51	18.73	18.55		
20	QPSK	50	0	18.34	18.60	18.48		
20	QPSK	50	24	18.34	18.57	18.59	19	0
20	QPSK	50	50	18.36	18.54	18.41		
20	QPSK	100	0	18.42	18.53	18.36		
20	16QAM	1	0	18.35	18.52	18.36		
20	16QAM	1	49	18.49	18.60	18.58	19	0
20	16QAM	1	99	18.40	18.53	18.36		
20	16QAM	50	0	18.39	18.58	18.45		
20	16QAM	50	24	18.38	18.56	18.52	19	0
20	16QAM	50	50	18.44	18.56	18.25		
20	16QAM	100	0	18.39	18.53	18.36		
20	64QAM	1	0	18.39	18.58	18.35		
20	64QAM	1	49	18.46	18.65	18.38	19	0
20	64QAM	1	99	18.48	18.57	18.44		
20	64QAM	50	0	18.34	18.67	18.48		
20	64QAM	50	24	18.37	18.68	18.29	19	0
20	64QAM	50	50	18.40	18.63	18.57		
20	64QAM	100	0	18.39	18.53	18.52		
20	256QAM	1	0	18.35	18.55	18.40		
20	256QAM	1	49	18.38	18.64	18.54	19	0
20	256QAM	1	99	18.50	18.52	18.51		
20	256QAM	50	0	18.49	18.54	18.41		
20	256QAM	50	24	18.37	18.58	18.49	19	0
20	256QAM	50	50	18.36	18.53	18.53		
20	256QAM	100	0	18.37	18.61	18.34		
Channel				37825	38000	38175	Tune-up limit	MPR
Frequency (MHz)				2577.5	2595	2612.5	(dBm)	(dB)
15	QPSK	1	0	18.44	18.72	18.39		
15	QPSK	1	37	18.43	18.57	18.59	19	0
15	QPSK	1	74	18.30	18.57	18.43		
15	QPSK	36	0	18.34	18.45	18.47		
15	QPSK	36	20	18.33	18.49	18.49	19	0
15	QPSK	36	39	18.29	18.53	18.38		
15	QPSK	75	0	18.39	18.39	18.20		
15	16QAM	1	0	18.32	18.33	18.33		
15	16QAM	1	37	18.34	18.46	18.55	19	0
15	16QAM	1	74	18.38	18.36	18.26		
15	16QAM	36	0	18.37	18.53	18.23		
15	16QAM	36	20	18.24	18.37	18.38	19	0
15	16QAM	36	39	18.40	18.43	18.05		
15	16QAM	75	0	18.23	18.54	18.26		
15	64QAM	1	0	18.25	18.55	18.28		
15	64QAM	1	37	18.41	18.50	18.30	19	0
15	64QAM	1	74	18.40	18.49	18.23		
15	64QAM	36	0	18.27	18.53	18.42		
15	64QAM	36	20	18.37	18.60	18.12	19	0
15	64QAM	36	39	18.31	18.48	18.40		
15	64QAM	75	0	18.40	18.38	18.48		
15	256QAM	1	0	18.22	18.45	18.34		
15	256QAM	1	37	18.26	18.63	18.43	19	0
15	256QAM	1	74	18.35	18.43	18.39		
15	256QAM	36	0	18.30	18.32	18.21		
15	256QAM	36	20	18.35	18.42	18.29	19	0
15	256QAM	36	39	18.36	18.33	18.34		
15	256QAM	75	0	18.24	18.62	18.21		
Channel				37600	38000	38200	Tune-up limit	MPR
Frequency (MHz)				2575	2595	2615	(dBm)	(dB)
10	QPSK	1	0	18.26	18.53	18.42		
10	QPSK	1	25	18.48	18.63	18.52	19	0
10	QPSK	1	49	18.39	18.53	18.49		
10	QPSK	25	0	18.21	18.62	18.30		
10	QPSK	25	12	18.18	18.54	18.54	19	0
10	QPSK	25	25	18.21	18.41	18.31		
10	QPSK	50	0	18.37	18.37	18.31		
10	16QAM	1	0	18.22	18.47	18.14		
10	16QAM	1	25	18.39	18.44	18.59	19	0
10	16QAM	1	49	18.32	18.32	18.25		
10	16QAM	25	0	18.26	18.40	18.25		
10	16QAM	25	12	18.28	18.56	18.31	19	0
10	16QAM	25	25	18.43	18.46	18.24		
10	16QAM	50	0	18.21	18.47	18.17		
10	64QAM	1	0	18.21	18.57	18.23		
10	64QAM	1	25	18.28	18.62	18.38	19	0
10	64QAM	1	49	18.47	18.42	18.24		
10	64QAM	25	0	18.32	18.48	18.42		
10	64QAM	25	12	18.18	18.62	18.31	19	0
10	64QAM	25	25	18.18	18.50	18.46		
10	64QAM	50	0	18.36	18.53	18.38		
10	256QAM	1	0	18.18	18.43	18.37		
10	256QAM	1	25	18.17	18.65	18.34	19	0
10	256QAM	1	49	18.47	18.36	18.49		
10	256QAM	25	0	18.31	18.39	18.36		
10	256QAM	25	12	18.29	18.39	18.51	19	0
10	256QAM	25	25	18.20	18.50	18.50		
10	256QAM	50	0	18.30	18.56	18.36		
Channel				37775	38000	38225	Tune-up limit	MPR
Frequency (MHz)				2572.5	2595	2617.5	(dBm)	(dB)
5	QPSK	1	0	18.49	18.56	18.28		
5	QPSK	1	12	18.52	18.73	18.51	19	0
5	QPSK	1	24	18.32	18.53	18.38		
5	QPSK	12	0	18.34	18.43	18.45		
5	QPSK	12	7	18.22	18.45	18.59	19	0
5	QPSK	12	13	18.23	18.39	18.41		
5	QPSK	25	0	18.30	18.47	18.30		
5	16QAM	1	0	18.26	18.37	18.15		
5	16QAM	1	12	18.51	18.61	18.41	19	0
5	16QAM	1	24	18.26	18.35	18.36		
5	16QAM	12	0	18.25	18.46	18.26		
5	16QAM	12	7	18.27	18.48	18.49	19	0
5	16QAM	12	13	18.25	18.51	18.24		
5	16QAM	25	0	18.33	18.34	18.32		
5	64QAM	1	0	18.25	18.38	18.25		
5	64QAM	1	12	18.36	18.50	18.31	19	0
5	64QAM	1	24	18.39	18.49	18.33		
5	64QAM	12	0	18.24	18.50	18.44		
5	64QAM	12	7	18.39	18.53	18.20	19	0
5	64QAM	12	13	18.20	18.62	18.49		
5	64QAM	25	0	18.28	18.51	18.36		
5	256QAM	1	0	18.26	18.57	18.24		
5	256QAM	1	12	18.16	18.64	18.52	19	0
5	256QAM	1	24	18.40	18.53	18.39		
5	256QAM	12	0	18.35	18.50	18.24		
5	256QAM	12	7	18.27	18.41	18.42	19	0
5	256QAM	12	13	18.15	18.48	18.44		
5	256QAM	25	0	18.25	18.51	18.15		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	18.25	18.14	18.33	18.12	18.24		
20	QPSK	1	49	18.27	17.97	18.15	18.01	18.17	19.2	0
20	QPSK	1	99	18.08	18.01	18.32	18.04	18.22		
20	QPSK	50	0	18.05	18.14	18.31	17.95	18.24		
20	QPSK	50	24	18.07	18.10	18.27	18.06	18.20	19.2	0
20	QPSK	50	50	18.24	18.01	18.23	17.97	18.21		
20	QPSK	100	0	18.04	17.98	18.28	18.07	18.17		
20	16QAM	1	0	18.04	17.93	18.12	18.03	18.22		
20	16QAM	1	49	18.20	17.96	18.13	17.98	17.98	19.2	0
20	16QAM	1	99	18.05	17.95	18.12	17.90	18.16		
20	16QAM	50	0	18.05	18.06	17.97	17.92	18.20		
20	16QAM	50	24	18.07	18.09	18.11	17.97	18.15	19.2	0
20	16QAM	50	50	18.08	17.89	18.14	17.95	18.04		
20	16QAM	100	0	17.86	17.80	18.16	17.96	18.12		
20	64QAM	1	0	17.98	18.10	18.11	17.93	18.00		
20	64QAM	1	49	18.24	17.94	18.24	18.00	18.04	19.2	0
20	64QAM	1	99	18.13	17.90	18.16	17.89	18.03		
20	64QAM	50	0	17.89	18.00	18.19	17.88	18.04		
20	64QAM	50	24	17.85	17.95	18.13	17.93	18.06	19.2	0
20	64QAM	50	50	18.08	17.92	18.19	17.94	18.02		
20	64QAM	100	0	18.11	17.90	18.26	17.96	18.11		
20	256QAM	1	0	17.83	17.85	18.06	17.97	18.10		
20	256QAM	1	49	18.08	17.96	18.14	17.88	18.08	19.2	0
20	256QAM	1	99	18.00	17.96	17.90	17.92	18.11		
20	256QAM	50	0	17.95	17.96	18.09	18.00	18.09		
20	256QAM	50	24	18.15	17.94	18.13	17.94	18.15	19.2	0
20	256QAM	50	50	17.89	17.79	18.12	18.01	17.96		
20	256QAM	100	0	18.03	17.95	18.12	17.89	17.98		
Channel				39725	40173	40620	41068	41515	Tune-up limit	MPR
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	(dBm)	(dB)
15	QPSK	1	0	18.04	18.02	18.14	18.07	18.16		
15	QPSK	1	37	18.17	17.83	17.95	17.90	17.98	19	0
15	QPSK	1	74	18.07	17.98	18.12	17.97	18.10		
15	QPSK	36	0	17.87	18.08	18.11	17.81	18.05		
15	QPSK	36	20	17.96	18.05	18.20	17.89	18.00	19.2	0
15	QPSK	36	39	18.26	18.01	18.18	17.80	18.19		
15	QPSK	75	0	18.03	17.79	18.06	17.98	18.10		
15	16QAM	1	0	17.90	17.91	18.05	17.99	18.23		
15	16QAM	1	37	18.09	17.90	18.13	17.91	17.87	19.2	0
15	16QAM	1	74	17.98	17.77	18.01	17.80	18.18		
15	16QAM	36	0	18.06	17.96	17.92	17.74	18.17		
15	16QAM	36	20	17.91	17.99	18.05	17.77	18.08	19.2	0
15	16QAM	36	39	17.88	17.79	18.08	17.75	17.90		
15	16QAM	75	0	17.74	17.73	17.94	17.78	17.95		
15	64QAM	1	0	17.79	18.01	18.00	17.74	17.91		
15	64QAM	1	37	18.19	17.75	18.05	17.91	18.02	19.2	0
15	64QAM	1	74	17.95	17.87	17.94	17.78	18.02		
15	64QAM	36	0	17.76	18.01	18.01	17.87	17.98		
15	64QAM	36	20	17.83	17.76	18.12	17.93	17.94	19.2	0
15	64QAM	36	39	17.94	17.78	18.05	17.88	17.90		
15	64QAM	75	0	18.03	17.93	18.17	17.87	18.10		
15	256QAM	1	0	17.76	17.84	18.03	17.86	18.00		
15	256QAM	1	37	18.02	17.84	17.97	17.85	17.87	19.2	0
15	256QAM	1	74	17.80	17.91	17.88	17.91	18.02		
15	256QAM	36	0	17.87	17.77	17.95	17.99	17.87		
15	256QAM	36	20	18.00	17.78	17.92	17.72	18.01	19.2	0
15	256QAM	36	39	17.83	17.81	17.97	17.94	17.82		
15	256QAM	75	0	17.93	17.89	17.95	17.71	17.81		
Channel				39700	40160	40620	41080	41540	Tune-up limit	MPR
Frequency (MHz)				2501	2547	2593	2639	2685	(dBm)	(dB)
10	QPSK	1	0	18.05	17.97	18.18	17.90	18.16		
10	QPSK	1	25	18.05	18.04	17.95	18.03	18.11	19.20	0
10	QPSK	1	49	17.97	17.99	18.28	17.89	18.04		
10	QPSK	25	0	18.04	18.06	17.92	17.90	18.11		
10	QPSK	25	12	17.93	18.11	18.08	18.07	18.02	19.2	0
10	QPSK	25	25	18.11	18.00	18.18	17.97	18.10		
10	QPSK	50	0	18.04	17.90	18.23	17.98	18.08		
10	16QAM	1	0	18.01	17.93	18.02	17.97	18.15		
10	16QAM	1	25	18.19	17.86	18.05	17.85	17.89	19.2	0
10	16QAM	1	49	17.88	17.80	17.90	17.88	18.14		
10	16QAM	25	0	17.98	18.03	17.99	17.91	18.16		
10	16QAM	25	12	17.85	17.88	17.92	17.94	18.11	19.2	0
10	16QAM	25	25	17.89	17.84	17.96	17.85	17.82		
10	16QAM	50	0	17.85	17.73	17.94	17.80	17.94		
10	64QAM	1	0	17.96	18.07	18.06	17.75	17.87		
10	64QAM	1	25	18.16	17.90	18.15	17.82	18.02	19.2	0
10	64QAM	1	49	18.06	17.77	18.13	17.77	17.95		
10	64QAM	25	0	17.81	18.01	18.12	17.71	18.05		
10	64QAM	25	12	17.71	17.93	17.94	17.75	17.98	19.2	0
10	64QAM	25	25	18.06	17.86	18.11	17.82	17.81		
10	64QAM	50	0	17.93	17.86	18.21	17.74	18.06		
10	256QAM	1	0	17.73	17.80	17.86	17.97	18.11		
10	256QAM	1	25	18.01	17.83	18.14	17.84	18.08	19.2	0
10	256QAM	1	49	17.95	17.76	17.84	17.75	18.05		
10	256QAM	25	0	17.92	17.95	17.93	17.99	17.97		
10	256QAM	25	12	18.01	17.87	18.13	17.90	18.07	19.2	0
10	256QAM	25	25	17.73	17.77	18.12	17.98	17.86		
10	256QAM	50	0	17.89	17.79	17.98	17.79	17.94		
Channel				39675	40148	40620	41093	41565	Tune-up limit	MPR
Frequency (MHz)				2498.5	2546.8	2593	2640.30	2687.5	(dBm)	(dB)
5	QPSK	1	0	18.10	17.95	18.32	18.01	18.09		
5	QPSK	1	12	18.06	17.98	18.02	17.99	17.97	19.20	0
5	QPSK	1	24	18.08	17.87	18.30	17.99	18.05		
5	QPSK	12	0	17.99	18.04	17.90	17.83	18.23		
5	QPSK	12	7	17.97	17.89	18.20	18.05	18.11	19.2	0
5	QPSK	12	13	18.06	18.02	18.10	17.84	18.14		
5	QPSK	25	0	17.92	17.87	18.06	17.92	18.00		
5	16QAM	1	0	17.97	17.74	18.06	17.96	18.15		
5	16QAM	1	12	18.12	17.79	18.12	17.91	17.78	19.2	0
5	16QAM	1	24	17.92	17.74	18.07	17.82	18.18		
5	16QAM	12	0	17.87	18.04	17.83	17.88	18.16		
5	16QAM	12	7	18.04	17.93	18.09	17.85	17.93	19.2	0
5	16QAM	12	13	18.06	17.85	18.05	17.87	17.94		
5	16QAM	25	0	17.73	17.75	18.10	17.83	17.91		
5	64QAM	1	0	17.95	18.02	18.04	17.94	17.99		
5	64QAM	1	12	18.18	17.76	18.09	17.83	18.06	19.2	0
5	64QAM	1	24	18.09	17.69	17.95	17.85	17.84		
5	64QAM	12	0	17.78	17.81	18.14	17.86	18.01		
5	64QAM	12	7	17.75	17.91	18.14	17.95	17.97	19.2	0
5	64QAM	12	13	18.01	17.80	18.08	17.77	17.81		
5	64QAM	25	0	18.09	17.78	18.08	17.94	17.99		
5	256QAM	1	0	17.67	17.78	18.01	17.87	17.94		
5	256QAM	1	12	18.07	17.93	17.93	17.95	17.92	19.2	0
5	256QAM	1	24	17.82	17.86	17.91	17.78	18.07		
5	256QAM	12	0	17.96	17.91	17.89	17.93	18.03		
5	256QAM	12	7	18.13	17.80	17.92	17.77	18.02	19.2	0
5	256QAM	12	13	17.81	17.89	18.05	18.01	17.76		
5	256QAM	25	0	17.86	17.85	17.94	17.75	17.82		

GSM1900 Ant2 Default

GSM1900	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	30.33	30.39	30.29	31.00	21.33	21.39	21.29	22.00
GPRS 1 Tx slot	30.27	30.35	30.25	31.00	21.27	21.35	21.25	22.00
GPRS 2 Tx slots	26.90	27.02	26.86	28.00	20.90	21.02	20.86	22.00
GPRS 3 Tx slots	25.60	25.69	25.51	26.20	21.34	21.43	21.25	21.94
GPRS 4 Tx slots	24.48	24.58	24.32	25.00	21.48	21.58	21.32	22.00
EDGE 1 Tx slot	25.58	25.77	25.63	26.50	16.58	16.77	16.63	17.50
EDGE 2 Tx slots	22.38	22.47	22.33	23.50	16.38	16.47	16.33	17.50
EDGE 3 Tx slots	20.53	20.78	20.60	21.70	16.27	16.52	16.34	17.44
EDGE 4 Tx slots	18.56	18.61	18.58	20.50	15.56	15.61	15.58	17.50

WCDMA II Ant2 DSI5

WCDMA IV Ant2 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	22.55	22.73	22.67	23.50	22.21	22.26	22.23	23.00
3GPP Rel 99	RMC 12.2Kbps	22.67	22.82	22.69	23.50	22.24	22.33	22.28	23.00
3GPP Rel 6	HSDPA Subtest-1	21.44	21.63	21.52	22.50	21.17	21.26	21.28	22.00
3GPP Rel 6	HSDPA Subtest-2	21.39	21.65	21.61	22.50	21.24	21.35	21.31	22.00
3GPP Rel 6	HSDPA Subtest-3	20.97	21.02	21.15	22.00	20.65	20.80	20.79	21.50
3GPP Rel 6	HSDPA Subtest-4	21.04	21.09	21.12	22.00	20.71	20.86	20.84	21.50
3GPP Rel 8	DC-HSDPA Subtest-1	21.33	21.49	21.54	22.50	21.06	21.14	21.17	22.00
3GPP Rel 8	DC-HSDPA Subtest-2	21.35	21.50	21.70	22.50	21.18	21.30	21.26	22.00
3GPP Rel 8	DC-HSDPA Subtest-3	20.95	21.13	21.09	22.00	20.53	20.71	20.74	21.50
3GPP Rel 8	DC-HSDPA Subtest-4	20.90	20.96	21.08	22.00	20.62	20.73	20.72	21.50
3GPP Rel 6	HSUPA Subtest-1	21.48	21.47	21.58	22.50	20.87	20.93	20.97	22.00
3GPP Rel 6	HSUPA Subtest-2	19.62	19.58	19.60	20.50	18.82	18.96	19.01	20.00
3GPP Rel 6	HSUPA Subtest-3	20.36	20.61	20.72	21.50	19.93	19.84	19.91	21.00
3GPP Rel 6	HSUPA Subtest-4	19.35	19.56	19.78	20.50	18.91	18.93	19.12	20.00
3GPP Rel 6	HSUPA Subtest-5	21.44	21.57	21.54	22.50	21.05	21.01	20.88	22.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	18.93	19.08	19.06	20.00	18.39	18.53	18.45	19.50

Band 2 Ant2 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	23.49	23.57	23.55	24.2	0
20	QPSK	1	49	23.33	23.28	23.29		
20	QPSK	1	99	22.23	23.25	23.26		
20	QPSK	50	0	23.11	23.47	23.33		
20	QPSK	50	24	23.30	23.16	23.21	24.2	0
20	QPSK	50	50	23.06	23.09	23.23		
20	QPSK	100	0	23.25	23.81	23.41		
20	16QAM	1	0	23.19	23.19	23.11		
20	16QAM	1	49	23.19	23.15	23.10	24.2	0
20	16QAM	1	99	23.19	23.40	23.33		
20	16QAM	50	0	22.93	22.91	22.84		
20	16QAM	50	24	22.88	22.80	22.84	23.2	1
20	16QAM	50	50	22.81	23.17	23.09		
20	16QAM	100	0	22.85	22.84	22.85		
20	64QAM	1	0	22.74	22.81	22.88		
20	64QAM	1	49	22.92	22.89	23.02	23.2	1
20	64QAM	1	99	22.95	22.81	22.89		
20	64QAM	50	0	21.93	22.15	22.10		
20	64QAM	50	24	21.81	22.15	22.11	22.2	2
20	64QAM	50	50	21.91	21.85	21.89		
20	64QAM	100	0	21.75	21.89	21.91		
20	256QAM	1	0	19.93	20.15	20.02		
20	256QAM	1	49	19.86	19.84	19.85	20.2	4
20	256QAM	1	99	19.84	19.87	19.83		
20	256QAM	50	0	19.86	20.19	19.99		
20	256QAM	50	24	19.92	20.14	20.04	20.2	4
20	256QAM	50	50	19.91	19.88	19.85		
20	256QAM	100	0	19.81	19.77	19.77		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	23.17	23.45	23.43		
15	QPSK	1	37	23.30	23.22	23.17	24.2	0
15	QPSK	1	74	23.17	23.22	23.16		
15	QPSK	36	0	22.97	23.32	23.16		
15	QPSK	36	20	23.22	23.00	23.18	24.2	0
15	QPSK	36	39	22.93	23.02	23.16		
15	QPSK	75	0	23.12	23.39	23.24		
15	16QAM	1	0	23.16	23.07	22.98		
15	16QAM	1	37	23.09	23.09	23.04	24.2	0
15	16QAM	1	74	23.13	23.36	23.22		
15	16QAM	36	0	22.78	22.80	22.74		
15	16QAM	36	20	22.80	22.73	22.73	23.2	1
15	16QAM	36	39	22.65	23.11	23.02		
15	16QAM	75	0	22.81	22.67	22.72		
15	64QAM	1	0	22.61	22.79	22.74		
15	64QAM	1	37	22.75	22.71	22.92	23.2	1
15	64QAM	1	74	22.78	22.76	22.75		
15	64QAM	36	0	21.78	22.12	22.03		
15	64QAM	36	20	21.76	22.02	22.04	22.2	2
15	64QAM	36	39	21.88	21.80	21.79		
15	64QAM	75	0	21.66	21.74	21.83		
15	256QAM	1	0	19.78	19.99	19.85		
15	256QAM	1	37	19.82	19.87	19.74	20.2	4
15	256QAM	1	74	19.76	19.71	19.73		
15	256QAM	36	0	19.76	20.17	19.92		
15	256QAM	36	20	19.82	20.10	19.97	20.2	4
15	256QAM	36	39	19.79	19.81	19.84		
15	256QAM	75	0	19.66	19.66	19.71		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	23.23	23.40	23.46		
10	QPSK	1	25	23.25	23.11	23.12	24.2	0
10	QPSK	1	49	23.12	23.11	23.19		
10	QPSK	25	0	22.98	23.31	23.20		
10	QPSK	25	12	23.27	23.11	23.05	24.2	0
10	QPSK	25	25	23.02	22.88	23.15		
10	QPSK	50	0	23.20	23.34	23.29		
10	16QAM	1	0	23.12	23.13	23.09		
10	16QAM	1	25	23.14	23.04	22.98	24.2	0
10	16QAM	1	49	23.27	23.23	23.27		
10	16QAM	25	0	22.71	22.73	22.67		
10	16QAM	25	12	22.77	22.65	22.70	23.2	1
10	16QAM	25	25	22.63	22.61	23.05		
10	16QAM	50	0	22.77	22.71	22.80		
10	64QAM	1	0	22.67	22.70	22.76		
10	64QAM	1	25	22.89	22.88	22.93	23.2	1
10	64QAM	1	49	22.83	22.70	22.75		
10	64QAM	25	0	21.86	22.03	22.01		
10	64QAM	25	12	21.64	22.03	22.06	22.2	2
10	64QAM	25	25	21.81	21.82	21.78		
10	64QAM	50	0	21.72	21.77	21.76		
10	256QAM	1	0	19.83	20.09	19.91		
10	256QAM	1	25	19.80	19.74	19.83	20.2	4
10	256QAM	1	49	19.76	19.72	19.70		
10	256QAM	25	0	19.84	20.14	19.96		
10	256QAM	25	12	19.77	20.01	20.09	20.2	4
10	256QAM	25	25	19.75	19.83	19.85		
10	256QAM	50	0	19.69	19.60	19.64		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	23.22	23.46	23.39		
5	QPSK	1	12	23.20	23.24	23.18	24.2	0
5	QPSK	1	24	23.14	23.20	23.16		
5	QPSK	12	0	22.97	23.29	23.22		
5	QPSK	12	7	23.14	23.13	23.17	24.2	0
5	QPSK	12	13	22.90	23.03	23.18		
5	QPSK	25	0	23.15	23.24	23.35		
5	16QAM	1	0	23.07	23.03	23.01		
5	16QAM	1	12	23.15	23.04	22.97	24.2	0
5	16QAM	1	24	23.17	23.34	23.16		
5	16QAM	12	0	22.84	22.76	22.79		
5	16QAM	12	7	22.74	22.65	22.78	23.2	1
5	16QAM	12	13	22.65	23.01	23.02		
5	16QAM	25	0	22.77	22.77	22.82		
5	64QAM	1	0	22.67	22.71	22.71		
5	64QAM	1	12	22.77	22.81	22.84	23.2	1
5	64QAM	1	24	22.79	22.82	22.79		
5	64QAM	12	0	21.85	21.99	22.06		
5	64QAM	12	7	21.74	22.07	21.95	22.2	2
5	64QAM	12	13	21.81	21.77	21.87		
5	64QAM	25	0	21.66	21.86	21.80		
5	256QAM	1	0	19.88	20.03	19.96		
5	256QAM	1	12	19.76	19.69	19.73	20.2	4
5	256QAM	1	24	19.71	19.81	19.66		
5	256QAM	12	0	19.84	20.09	19.94		
5	256QAM	12	7	19.74	19.99	20.00	20.2	4
5	256QAM	12	13	19.83	19.84	19.91		
5	256QAM	25	0	19.75	19.71	19.69		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	23.17	23.52	23.44		
3	QPSK	1	8	23.25	23.24	23.14	24.2	0
3	QPSK	1	14	23.19	23.12	23.22		
3	QPSK	8	0	23.02	23.37	23.16		
3	QPSK	8	4	23.21	23.03	23.12	24.2	0
3	QPSK	8	7	22.91	22.95	23.20		
3	QPSK	15	0	23.21	23.28	23.27		
3	16QAM	1	0	23.11	23.15	23.00		
3	16QAM	1	8	23.15	23.10	23.02	24.2	0
3	16QAM	1	14	23.14	23.24	23.31		
3	16QAM	8	0	22.86	22.88	22.76		
3	16QAM	8	4	22.72	22.63	22.79	23.2	1
3	16QAM	8	7	22.78	23.13	22.95		
3	16QAM	15	0	22.73	22.70	22.71		
3	64QAM	1	0	22.57	22.76	22.73		
3	64QAM	1	8	22.87	23.05	22.96	23.2	1
3	64QAM	1	14	22.88	22.74	22.86		
3	64QAM	8	0	21.80	22.04	21.93		
3	64QAM	8	4	21.65	22.06	21.99	22.2	2
3	64QAM	8	7	21.76	21.74	21.86		
3	64QAM	15	0	21.68	21.85	21.82		
3	256QAM	1	0	19.81	20.02	19.99		
3	256QAM	1	8	19.72	19.79	19.78	20.2	4
3	256QAM	1	14	19.81	19.70	19.72		
3	256QAM	8	0	19.79	20.07	19.96		
3	256QAM	8	4	19.89	19.97	19.89	20.2	4
3	256QAM	8	7	19.88	19.79	19.91		
3	256QAM	15	0	19.68	19.94	19.94		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	23.17	23.48	23.44		
1.4	QPSK	1	3	23.18	23.22	23.18		
1.4	QPSK	1	5	23.06	23.12	23.19	24.2	0
1.4	QPSK	3	0	23.03	23.13	23.20		
1.4	QPSK	3	1	23.22	23.07	23.15		
1.4	QPSK	3	3	22.89	22.96	23.16		
1.4	QPSK	6	0	23.13	23.33	23.27	24.2	0
1.4	16QAM	1	0	23.07	23.04	22.96		
1.4	16QAM	1	3	23.13	23.10	22.93		
1.4	16QAM	1	5	23.12	23.37	23.16	24.2	0
1.4	16QAM	3	0	23.13	23.12	23.04		
1.4	16QAM	3	1	23.07	23.04	23.06		
1.4	16QAM	3	3	23.03	23.32	23.36		
1.4	16QAM	6	0	22.75	22.75	22.80	23.2	1
1.4	64QAM	1	0	22.66	22.66	22.73		
1.4	64QAM	1	3	22.88	23.11	22.96		
1.4	64QAM	1	5	22.89	22.69	22.83	23.2	1
1.4	64QAM	3	0	21.90	22.02	21.97		
1.4	64QAM	3	1	21.85	22.07	22.07		
1.4	64QAM	3	3	21.79	21.82	21.78		
1.4	64QAM	6	0	21.58	21.80	21.77	22.2	2
1.4	256QAM	1	0	19.84	20.13	20.00		
1.4	256QAM	1	3	19.73	19.77	19.78		
1.4	256QAM	1	5	19.76	19.84	19.81	20.2	4
1.4	256QAM	3	0	19.77	20.04	19.91		
1.4	256QAM	3	1	19.82	19.99	19.87		
1.4	256QAM	3	3	19.84	19.85	19.78		
1.4	256QAM	6	0	19.72	19.96	19.68	20.2	4

Band 4 Ant2 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				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	23.00	23.10	22.98		
20	QPSK	1	49	22.91	23.06	22.92	23.7	0
20	QPSK	1	99	22.86	22.94	22.87		
20	QPSK	50	0	22.86	23.04	22.89		
20	QPSK	50	24	22.94	22.98	22.90	23.7	0
20	QPSK	50	50	22.91	23.00	22.93		
20	QPSK	100	0	22.87	23.03	22.90		
20	16QAM	1	0	22.85	23.02	22.90		
20	16QAM	1	49	22.87	22.98	22.88	23.7	0
20	16QAM	1	99	22.92	23.01	22.87		
20	16QAM	50	0	22.91	23.04	22.81		
20	16QAM	50	24	22.92	23.04	22.89	23.7	0
20	16QAM	50	50	22.89	23.04	22.83		
20	16QAM	100	0	22.92	22.99	22.88		
20	64QAM	1	0	22.85	23.03	22.83		
20	64QAM	1	49	22.81	22.91	22.85	23.7	0
20	64QAM	1	99	22.76	22.94	22.82		
20	64QAM	50	0	22.00	22.12	21.98		
20	64QAM	50	24	21.92	22.03	21.88	22.7	1
20	64QAM	50	50	21.86	22.04	21.85		
20	64QAM	100	0	21.90	22.01	21.87		
20	256QAM	1	0	19.99	20.16	19.98		
20	256QAM	1	49	19.90	20.07	19.91	20.7	3
20	256QAM	1	99	19.84	20.07	19.88		
20	256QAM	50	0	20.05	20.15	19.99		
20	256QAM	50	24	19.95	20.09	19.97	20.7	3
20	256QAM	50	50	19.83	20.12	19.91		
20	256QAM	100	0	19.86	19.97	19.85		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.87	23.01	22.88		
15	QPSK	1	37	23.00	23.02	22.85	23.7	0
15	QPSK	1	74	22.79	23.02	22.81		
15	QPSK	36	0	22.76	22.91	22.78		
15	QPSK	36	20	22.88	22.94	22.85	23.7	0
15	QPSK	36	39	22.85	22.97	22.80		
15	QPSK	75	0	22.80	22.91	22.82		
15	16QAM	1	0	22.72	22.93	22.80		
15	16QAM	1	37	22.78	22.83	22.79	23.7	0
15	16QAM	1	74	22.83	22.90	22.74		
15	16QAM	36	0	22.84	22.96	22.71		
15	16QAM	36	20	22.77	22.97	22.79	23.7	0
15	16QAM	36	39	22.82	22.97	22.73		
15	16QAM	75	0	22.65	22.89	22.77		
15	64QAM	1	0	22.81	22.95	22.72		
15	64QAM	1	37	22.67	22.80	22.80	23.7	0
15	64QAM	1	74	22.61	22.84	22.76		
15	64QAM	36	0	21.89	22.04	21.93		
15	64QAM	36	20	21.84	21.96	21.74	22.7	1
15	64QAM	36	39	21.79	21.94	21.73		
15	64QAM	75	0	21.78	21.92	21.78		
15	256QAM	1	0	19.84	20.06	19.89		
15	256QAM	1	37	19.84	19.94	19.82	20.7	3
15	256QAM	1	74	19.75	19.95	19.78		
15	256QAM	36	0	19.99	20.10	19.85		
15	256QAM	36	20	19.88	20.00	19.83	20.7	3
15	256QAM	36	39	19.71	20.00	19.80		
15	256QAM	75	0	19.77	19.91	19.72		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.88	23.05	22.92		
10	QPSK	1	25	22.79	22.93	22.87	23.7	0
10	QPSK	1	49	22.80	23.00	22.73		
10	QPSK	25	0	22.74	22.88	22.78		
10	QPSK	25	12	22.88	22.90	22.81	23.7	0
10	QPSK	25	25	22.81	22.90	22.71		
10	QPSK	50	0	22.74	22.91	22.84		
10	16QAM	1	0	22.74	22.95	22.83		
10	16QAM	1	25	22.76	22.86	22.81	23.7	0
10	16QAM	1	49	22.81	22.86	22.77		
10	16QAM	25	0	22.78	22.90	22.76		
10	16QAM	25	12	22.85	22.93	22.76	23.7	0
10	16QAM	25	25	22.81	22.86	22.69		
10	16QAM	50	0	22.79	22.89	22.71		
10	64QAM	1	0	22.80	22.97	22.68		
10	64QAM	1	25	22.70	22.85	22.73	23.7	0
10	64QAM	1	49	22.61	22.84	22.67		
10	64QAM	25	0	21.93	22.05	21.87		
10	64QAM	25	12	21.79	21.90	21.80	22.7	1
10	64QAM	25	25	21.79	21.93	21.75		
10	64QAM	50	0	21.81	21.93	21.75		
10	256QAM	1	0	19.91	20.09	19.90		
10	256QAM	1	25	19.84	20.00	19.83	20.7	3
10	256QAM	1	49	19.77	19.99	19.76		
10	256QAM	25	0	19.90	20.01	19.89		
10	256QAM	25	12	19.87	19.96	19.91	20.7	3
10	256QAM	25	25	19.78	20.00	19.78		
10	256QAM	50	0	19.73	19.84	19.71		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.93	23.07	22.84		
5	QPSK	1	12	22.83	22.98	22.84	23.7	0
5	QPSK	1	24	22.80	22.92	22.75		
5	QPSK	12	0	22.80	22.84	22.83		
5	QPSK	12	7	22.86	22.91	22.76	23.7	0
5	QPSK	12	13	22.76	22.88	22.87		
5	QPSK	25	0	22.82	22.87	22.82		
5	16QAM	1	0	22.76	22.91	22.80		
5	16QAM	1	12	22.74	22.91	22.77	23.7	0
5	16QAM	1	24	22.84	22.93	22.78		
5	16QAM	12	0	22.80	22.95	22.78		
5	16QAM	12	7	22.78	22.95	22.81	23.7	0
5	16QAM	12	13	22.83	22.96	22.77		
5	16QAM	25	0	22.83	22.93	22.79		
5	64QAM	1	0	22.77	22.96	22.74		
5	64QAM	1	12	22.66	22.77	22.77	23.7	0
5	64QAM	1	24	22.71	22.79	22.68		
5	64QAM	12	0	21.85	22.01	21.91		
5	64QAM	12	7	21.85	21.90	21.73	22.7	1
5	64QAM	12	13	21.72	21.97	21.74		
5	64QAM	25	0	21.76	21.93	21.80		
5	256QAM	1	0	19.89	20.05	19.93		
5	256QAM	1	12	19.76	20.02	19.82	20.7	3
5	256QAM	1	24	19.74	20.01	19.75		
5	256QAM	12	0	19.93	20.01	19.90		
5	256QAM	12	7	19.82	20.03	19.91	20.7	3
5	256QAM	12	13	19.70	20.01	19.86		
5	256QAM	25	0	19.79	19.86	19.72		
Channel				19925	20175	20425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.91	22.98	22.91		
3	QPSK	1	8	22.78	22.93	22.79	23.7	0
3	QPSK	1	14	22.72	22.94	22.74		
3	QPSK	8	0	22.72	22.93	22.78		
3	QPSK	8	4	22.84	22.97	22.83	23.7	0
3	QPSK	8	7	22.82	22.85	22.81		
3	QPSK	15	0	22.76	22.93	22.83		
3	16QAM	1	0	22.74	22.93	22.81		
3	16QAM	1	8	22.82	22.83	22.77	23.7	0
3	16QAM	1	14	22.83	22.88	22.75		
3	16QAM	8	0	22.84	22.97	22.75		
3	16QAM	8	4	22.86	22.91	22.82	23.7	0
3	16QAM	8	7	22.82	22.93	22.69		
3	16QAM	15	0	22.87	22.87	22.79		
3	64QAM	1	0	22.73	22.90	22.75		
3	64QAM	1	8	22.68	22.85	22.76	23.7	0
3	64QAM	1	14	22.65	22.84	22.77		
3	64QAM	8	0	21.93	21.98	21.87		
3	64QAM	8	4	21.77	21.97	21.78	22.7	1
3	64QAM	8	7	21.72	21.93	21.76		
3	64QAM	15	0	21.83	21.88	21.72		
3	256QAM	1	0	19.90	20.03	19.93		
3	256QAM	1	8	19.84	19.96	19.85	20.7	3
3	256QAM	1	14	19.84	19.99	19.80		
3	256QAM	8	0	19.93	20.02	19.91		
3	256QAM	8	4	19.81	20.03	19.83	20.7	3
3	256QAM	8	7	19.78	20.06	19.82		
3	256QAM	15	0	19.75	19.96	19.73		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.89	23.03	22.89		
1.4	QPSK	1	3	22.82	23.00	22.87		
1.4	QPSK	1	5	22.79	22.97	22.73	23.7	0
1.4	QPSK	3	0	22.93	22.98	22.92		
1.4	QPSK	3	1	22.86	22.97	22.79		
1.4	QPSK	3	3	22.81	22.98	22.78		
1.4	QPSK	6	0	22.85	23.04	22.91	23.7	0
1.4	16QAM	1	0	22.84	22.97	22.87		
1.4	16QAM	1	3	22.73	22.97	22.78		
1.4	16QAM	1	5	22.88	22.98	22.84	23.7	0
1.4	16QAM	3	0	22.86	22.94	22.84		
1.4	16QAM	3	1	22.79	22.98	22.79		
1.4	16QAM	3	3	22.86	23.06	22.92		
1.4	16QAM	6	0	22.84	23.00	22.81	23.7	0
1.4	64QAM	1	0	22.77	22.99	22.80		
1.4	64QAM	1	3	22.89	23.03	22.88		
1.4	64QAM	1	5	22.82	22.93	22.84	23.7	0
1.4	64QAM	3	0	22.95	23.05	22.84		
1.4	64QAM	3	1	22.79	22.92	22.85		
1.4	64QAM	3	3	22.74	23.00	22.73		
1.4	64QAM	6	0	21.88	21.98	21.88	22.7	1
1.4	256QAM	1	0	19.85	20.02	19.92		
1.4	256QAM	1	3	19.78	19.99	19.84		
1.4	256QAM	1	5	19.78	19.95	19.76	20.7	3
1.4	256QAM	3	0	19.94	20.11	19.92		
1.4	256QAM	3	1	19.88	20.06	19.87		
1.4	256QAM	3	3	19.76	20.01	19.82		
1.4	256QAM	6	0	19.72	19.93	19.78	20.7	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				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	22.06	22.20	22.02		
20	QPSK	1	49	21.97	22.08	21.96	22.7	0
20	QPSK	1	99	21.94	21.91	21.78		
20	QPSK	50	0	21.97	22.13	21.88		
20	QPSK	50	24	21.94	22.00	21.92	22.7	0
20	QPSK	50	50	21.96	22.10	21.91		
20	QPSK	100	0	22.00	22.08	21.94		
20	16QAM	1	0	21.94	22.03	21.89		
20	16QAM	1	49	21.86	21.96	21.82	22.7	0
20	16QAM

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	22.01	22.19	21.98	22.7	0
20	QPSK	1	49	22.07	21.97	22.11		
20	QPSK	1	99	21.90	22.16	22.16		
20	QPSK	50	0	22.07	22.14	22.00	22.7	0
20	QPSK	50	24	21.95	22.09	21.93		
20	QPSK	50	50	21.98	21.92	22.04		
20	QPSK	100	0	21.81	22.10	22.05		
20	16QAM	1	0	21.87	22.03	21.94	22.7	0
20	16QAM	1	49	21.91	22.17	21.81		
20	16QAM	1	99	21.90	21.91	22.07		
20	16QAM	50	0	21.88	22.01	22.02	22.7	0
20	16QAM	50	24	22.05	21.98	21.86		
20	16QAM	50	50	21.93	22.11	21.93		
20	16QAM	100	0	22.06	21.82	21.89		
20	64QAM	1	0	21.78	22.05	22.16	22.7	0
20	64QAM	1	49	21.94	21.90	21.96		
20	64QAM	1	99	21.89	21.99	21.87		
20	64QAM	50	0	22.00	22.11	21.99	22.7	0
20	64QAM	50	24	22.05	21.78	21.98		
20	64QAM	50	50	21.87	22.17	22.03		
20	64QAM	100	0	21.93	21.99	21.80		
20	256QAM	1	0	19.92	20.07	19.98	20.7	2
20	256QAM	1	49	20.11	20.02	20.23		
20	256QAM	1	99	19.96	20.17	20.19		
20	256QAM	50	0	19.97	20.21	19.99	20.7	2
20	256QAM	50	24	19.98	19.97	20.22		
20	256QAM	50	50	19.95	20.10	20.12		
20	256QAM	100	0	20.01	20.09	19.89		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	21.88	22.14	21.94	22.7	0
15	QPSK	1	37	21.88	21.96	21.97		
15	QPSK	1	74	21.70	22.04	22.07		
15	QPSK	36	0	21.94	22.06	21.98	22.7	0
15	QPSK	36	20	21.96	21.93	21.72		
15	QPSK	36	39	21.97	21.90	21.88		
15	QPSK	75	0	21.83	22.10	21.94		
15	16QAM	1	0	21.89	22.03	21.88	22.7	0
15	16QAM	1	37	21.81	22.16	21.86		
15	16QAM	1	74	21.76	21.83	21.92		
15	16QAM	36	0	21.86	21.90	21.81	22.7	0
15	16QAM	36	20	21.96	21.91	21.74		
15	16QAM	36	39	21.91	22.01	21.93		
15	16QAM	75	0	21.99	21.67	21.69		
15	64QAM	1	0	21.65	22.01	21.94	22.7	0
15	64QAM	1	37	21.89	21.78	21.94		
15	64QAM	1	74	21.85	21.96	21.71		
15	64QAM	36	0	21.82	22.08	21.92	22.7	0
15	64QAM	36	20	21.92	21.66	21.77		
15	64QAM	36	39	21.71	22.05	21.88		
15	64QAM	75	0	21.78	21.83	21.82		
15	256QAM	1	0	19.91	19.98	19.88	20.7	2
15	256QAM	1	37	20.06	19.96	20.15		
15	256QAM	1	74	19.78	20.15	20.00		
15	256QAM	36	0	19.86	20.22	19.95	20.7	2
15	256QAM	36	20	19.85	19.97	20.02		
15	256QAM	36	39	19.85	20.05	19.92		
15	256QAM	75	0	19.89	20.00	19.69		
Channel				37600	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.03	22.06	21.77	22.7	0
10	QPSK	1	25	21.99	21.92	22.04		
10	QPSK	1	49	21.92	22.08	22.03		
10	QPSK	25	0	21.98	21.95	21.86	22.7	0
10	QPSK	25	12	21.77	21.90	21.77		
10	QPSK	25	25	21.84	21.72	21.88		
10	QPSK	50	0	21.76	22.06	21.86		
10	16QAM	1	0	21.75	21.97	21.95	22.7	0
10	16QAM	1	25	21.70	22.03	21.81		
10	16QAM	1	49	21.87	21.73	21.93		
10	16QAM	25	0	21.89	21.85	21.89	22.7	0
10	16QAM	25	12	21.96	21.89	21.76		
10	16QAM	25	25	21.83	22.02	21.75		
10	16QAM	50	0	21.99	21.67	21.68		
10	64QAM	1	0	21.70	22.03	22.08	22.7	0
10	64QAM	1	25	21.84	21.84	21.82		
10	64QAM	1	49	21.81	21.97	21.83		
10	64QAM	25	0	21.83	22.13	21.92	22.7	0
10	64QAM	25	12	21.85	21.80	21.99		
10	64QAM	25	25	21.93	21.96	21.91		
10	64QAM	50	0	21.89	21.88	21.79		
10	256QAM	1	0	19.91	20.08	19.85	20.7	2
10	256QAM	1	25	19.91	19.86	20.02		
10	256QAM	1	49	19.75	20.06	20.09		
10	256QAM	25	0	19.89	20.02	19.97	20.7	2
10	256QAM	25	12	19.84	19.94	20.16		
10	256QAM	25	25	19.86	20.11	20.04		
10	256QAM	50	0	19.80	20.10	19.74		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	21.96	22.16	21.98	22.7	0
5	QPSK	1	12	22.04	21.80	21.95		
5	QPSK	1	24	21.91	21.98	22.06		
5	QPSK	12	0	22.05	22.02	21.82	22.7	0
5	QPSK	12	7	21.73	22.09	21.87		
5	QPSK	12	13	21.91	21.92	21.90		
5	QPSK	25	0	21.70	21.92	21.88		
5	16QAM	1	0	21.85	21.86	21.91	22.7	0
5	16QAM	1	12	21.79	21.83	21.79		
5	16QAM	1	24	21.89	21.83	22.06		
5	16QAM	12	0	21.84	21.82	21.99	22.7	0
5	16QAM	12	7	22.03	21.92	21.69		
5	16QAM	12	13	21.73	22.00	21.87		
5	16QAM	25	0	21.91	21.77	21.81		
5	64QAM	1	0	21.73	21.96	22.04	22.7	0
5	64QAM	1	12	21.73	21.81	21.88		
5	64QAM	1	24	21.89	21.87	21.81		
5	64QAM	12	0	21.82	22.03	21.82	22.7	0
5	64QAM	12	7	22.02	21.74	21.91		
5	64QAM	12	13	21.88	22.05	22.00		
5	64QAM	25	0	21.81	21.83	21.58		
5	256QAM	1	0	19.89	20.00	19.83	20.7	2
5	256QAM	1	12	20.06	19.86	20.15		
5	256QAM	1	24	19.94	20.13	20.13		
5	256QAM	12	0	19.83	20.07	19.87	20.7	2
5	256QAM	12	7	19.95	19.82	20.11		
5	256QAM	12	13	19.77	20.11	19.95		
5	256QAM	25	0	19.83	19.96	19.74		

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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	22.75	22.76	22.88	22.85	22.80	23.2	0
20	QPSK	1	49	22.69	22.71	22.79	22.79	22.69		
20	QPSK	1	99	22.75	22.67	22.86	22.74	22.81		
20	QPSK	50	0	22.69	22.74	22.79	22.65	22.69	23.2	0
20	QPSK	50	24	22.58	22.62	22.75	22.74	22.53		
20	QPSK	50	50	22.59	22.57	22.77	22.75	22.72		
20	QPSK	100	0	22.65	22.73	22.80	22.73	22.72		
20	16QAM	1	0	22.53	22.58	22.76	22.60	22.65	23.2	0
20	16QAM	1	49	22.75	22.68	22.66	22.63	22.75		
20	16QAM	1	99	22.70	22.71	22.83	22.84	22.59		
20	16QAM	50	0	22.61	22.66	22.78	22.62	22.58	23.2	0
20	16QAM	50	24	22.64	22.68	22.66	22.57	22.60		
20	16QAM	50	50	22.74	22.77	22.72	22.74	22.61		
20	16QAM	100	0	22.49	22.52	22.74	22.78	22.58		
20	64QAM	1	0	22.74	22.46	22.75	22.69	22.76	23.2	0
20	64QAM	1	49	22.60	22.73	22.67	22.71	22.62		
20	64QAM	1	99	22.62	22.65	22.66	22.60	22.52		
20	64QAM	50	0	22.28	22.25	22.26	22.47	22.22	22.7	0.5
20	64QAM	50	24	22.34	22.26	22.40	22.39	22.24		
20	64QAM	50	50	22.18	22.23	22.24	22.23	22.12		
20	64QAM	100	0	22.26	22.25	22.39	22.17	22.33		
20	256QAM	1	0	19.95	19.85	19.90	19.83	19.75	20.7	2.5
20	256QAM	1	49	19.76	19.83	20.05	20.00	19.83		
20	256QAM	1	99	19.72	19.95	19.83	19.86	19.81		
20	256QAM	50	0	20.00	19.97	20.00	19.93	19.94	20.7	2.5
20	256QAM	50	24	19.71	19.79	20.04	19.87	19.94		
20	256QAM	50	50	19.83	19.89	19.93	19.76	19.72		
20	256QAM	100	0	19.90	19.94	19.98	19.84	19.81		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	22.63	22.76	22.72	22.80	22.81	23	0
15	QPSK	1	37	22.64	22.66	22.76	22.78	22.50		
15	QPSK	1	74	22.55	22.46	22.85	22.59	22.67		
15	QPSK	36	0	22.52	22.71	22.58	22.54	22.47	23.2	0
15	QPSK	36	20	22.48	22.44	22.72	22.53	22.46		
15	QPSK	36	39	22.39	22.37	22.61	22.73	22.69		
15	QPSK	75	0	22.46	22.63	22.80	22.57	22.63		
15	16QAM	1	0	22.52	22.41	22.60	22.42	22.52	23.2	0
15	16QAM	1	37	22.56	22.50	22.50	22.64	22.54		
15	16QAM	1	74	22.71	22.56	22.74	22.73	22.57		
15	16QAM	36	0	22.53	22.62	22.64	22.62	22.48	23.2	0
15	16QAM	36	20	22.44	22.54	22.53	22.57	22.71		
15	16QAM	36	39	22.63	22.70	22.52	22.70	22.48		
15	16QAM	75	0	22.35	22.54	22.74	22.69	22.46		
15	64QAM	1	0	22.55	22.45	22.67	22.64	22.55	23.2	0
15	64QAM	1	37	22.57	22.73	22.47	22.52	22.45		
15	64QAM	1	74	22.47	22.63	22.46	22.47	22.45		
15	64QAM	36	0	22.29	22.09	22.25	22.38	22.16	22.7	0.5
15	64QAM	36	20	22.27	22.23	22.22	22.29	22.07		
15	64QAM	36	39	22.02	22.08	22.23	22.03	22.04		
15	64QAM	75	0	22.08	22.05	22.39	22.06	22.16		
15	256QAM	1	0	19.75	19.84	19.74	19.79	19.66	20.7	2.5
15	256QAM	1	37	19.71	19.63	20.05	19.89	19.67		
15	256QAM	1	74	19.71	19.82	19.85	19.75	19.71		
15	256QAM	36	0	19.86	19.87	19.89	19.89	19.90	20.7	2.5
15	256QAM	36	20	19.73	19.75	20.04	19.72	19.96		
15	256QAM	36	39	19.80	19.90	19.76	19.65	19.72		
15	256QAM	75	0	19.87	19.78	19.71	19.70	19.70		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.63	22.54	22.85	22.69	22.72	23.20	0
10	QPSK	1	25	22.66	22.62	22.60	22.69	22.68		
10	QPSK	1	49	22.65	22.54	22.75	22.75	22.59		
10	QPSK	25	0	22.52	22.56	22.77	22.48	22.71	23.2	0
10	QPSK	25	12	22.45	22.49	22.70	22.67	22.36		
10	QPSK	25	25	22.49	22.44	22.57	22.70	22.73		
10	QPSK	50	0	22.54	22.71	22.72	22.58	22.56		
10	16QAM	1	0	22.54	22.56	22.63	22.61	22.54	23.2	0
10	16QAM	1	25	22.73	22.59	22.57	22.43	22.68		
10	16QAM	1	49	22.62	22.56	22.66	22.72	22.40		
10	16QAM	25	0	22.39	22.45	22.75	22.42	22.60	23.2	0
10	16QAM	25	12	22.54	22.61	22.45	22.42	22.79		
10	16QAM	25	25	22.64	22.75	22.59	22.73	22.56		
10	16QAM	50	0	22.50	22.48	22.65	22.73	22.53		
10	64QAM	1	0	22.62	22.34	22.73	22.63	22.73	23.2	0
10	64QAM	1	25	22.50	22.57	22.64	22.55	22.57		
10	64QAM	1	49	22.60	22.61	22.68	22.40	22.41		
10	64QAM	25	0	22.23	22.25	22.13	22.35	22.07	22.7	0.5
10	64QAM	25	12	22.19	22.08	22.36	22.26	22.26		
10	64QAM	25	25	22.14	22.17	22.25	22.17	21.93		
10	64QAM	50	0	22.13	22.15	22.26	22.10	22.31		
10	256QAM	1	0	19.79	19.83	19.75	19.75	19.74	20.7	2.5
10	256QAM	1	25	19.59	19.67	19.87	19.98	19.63		
10	256QAM	1	49	19.56	19.92	19.62	19.81	19.62		
10	256QAM	25	0	19.91	19.95	19.86	19.73	19.73	20.7	2.5
10	256QAM	25	12	19.74	19.58	19.82	19.72	19.91		
10	256QAM	25	25	19.83	19.86	19.77	19.73	19.74		
10	256QAM	50	0	19.84	19.72	19.79	19.74	19.71		
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	22.61	22.59	22.84	22.71	22.70	23.20	0
5	QPSK	1	12	22.67	22.62	22.73	22.68	22.56		
5	QPSK	1	24	22.62	22.51	22.79	22.59	22.77		
5	QPSK	12	0	22.47	22.62	22.76	22.66	22.69	23.2	0
5	QPSK	12	7	22.55	22.42	22.77	22.52	22.48		
5	QPSK	12	13	22.38	22.54	22.73	22.68	22.64		
5	QPSK	25	0	22.53	22.60	22.67	22.65	22.71		
5	16QAM	1	0	22.42	22.57	22.57	22.38	22.54	23.2	0
5	16QAM	1	12	22.74	22.53	22.60	22.46	22.66		
5	16QAM	1	24	22.61	22.66	22.62	22.82	22.44		
5	16QAM	12	0	22.41	22.60	22.64	22.62	22.45	23.2	0
5	16QAM	12	7	22.56	22.67	22.63	22.43	22.69		
5	16QAM	12	13	22.64	22.77	22.65	22.54	22.61		
5	16QAM	25	0	22.37	22.37	22.53	22.66	22.53	23.2	0
5	64QAM	1	0	22.68	22.40	22.68	22.69	22.55		
5	64QAM	1	12	22.44	22.62	22.60	22.69	22.42		
5	64QAM	1	24	22.57	22.61	22.65	22.61	22.32		
5	64QAM	12	0	22.27	22.11	22.11	22.44	22.02	22.7	0.5
5	64QAM	12	7	22.28	22.25	22.34	22.33	22.05		
5	64QAM	12	13	22.07	22.03	22.03	22.13	22.03		
5	64QAM	25	0	22.19	22.06	22.37	22.16	22.32		
5	256QAM	1	0	19.84	19.75	19.69	19.71	19.73	20.7	2.5
5	256QAM	1	12	19.68	19.64	20.03	19.89	19.65		
5	256QAM	1	24	19.70	19.91	19.66	19.84	19.79		
5	256QAM	12	0	19.96	19.87	19.95	19.94	19.91	20.7	2.5
5	256QAM	12	7	19.80	19.75	19.82	19.73	19.89		
5	256QAM	12	13	19.65	19.87	19.88	19.64	19.60		
5	256QAM	25	0	19.90	19.94	19.76	19.86	19.76		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	18.44	18.54	18.42		
20	QPSK	1	49	18.28	18.46	18.43	20	0
20	QPSK	1	99	18.39	18.37	18.41		
20	QPSK	50	0	18.24	18.47	18.34		
20	QPSK	50	24	18.26	18.45	18.28	20	0
20	QPSK	50	50	18.37	18.16	18.44		
20	QPSK	100	0	18.25	18.32	18.31		
20	16QAM	1	0	18.37	18.41	18.36		
20	16QAM	1	49	18.37	18.18	18.42	20	0
20	16QAM	1	99	18.24	18.33	18.37		
20	16QAM	50	0	18.22	18.36	18.36		
20	16QAM	50	24	18.24	18.32	18.22	20	0
20	16QAM	50	50	18.10	18.41	18.23		
20	16QAM	100	0	18.25	18.40	18.45		
20	64QAM	1	0	18.38	18.27	18.30		
20	64QAM	1	49	18.24	18.22	18.22	20	0
20	64QAM	1	99	18.23	18.34	18.35		
20	64QAM	50	0	18.08	18.27	18.37		
20	64QAM	50	24	18.37	18.33	18.33	20	0
20	64QAM	50	50	18.26	18.30	18.30		
20	64QAM	100	0	18.27	18.34	18.44		
20	256QAM	1	0	18.21	18.26	18.43		
20	256QAM	1	49	18.26	18.31	18.30	20	0
20	256QAM	1	99	18.13	18.45	18.19		
20	256QAM	50	0	18.27	18.36	18.18		
20	256QAM	50	24	18.26	18.46	18.44	20	0
20	256QAM	50	50	18.37	18.34	18.16		
20	256QAM	100	0	18.16	18.23	18.21		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	18.22	18.42	18.20		
15	QPSK	1	37	18.29	18.28	18.37	20	0
15	QPSK	1	74	18.29	18.24	18.42		
15	QPSK	36	0	18.14	18.30	18.18		
15	QPSK	36	20	18.05	18.31	18.06	20	0
15	QPSK	36	39	18.37	18.39	18.30		
15	QPSK	75	0	18.37	18.14	18.10		
15	16QAM	1	0	18.23	18.33	18.17		
15	16QAM	1	37	18.24	18.34	18.27	20	0
15	16QAM	1	74	18.25	18.20	18.23		
15	16QAM	36	0	18.20	18.15	18.14		
15	16QAM	36	20	18.20	18.13	18.11	20	0
15	16QAM	36	39	18.38	18.20	18.22		
15	16QAM	75	0	18.22	18.27	18.32		
15	64QAM	1	0	18.34	18.12	18.12		
15	64QAM	1	37	18.24	18.18	18.16	20	0
15	64QAM	1	74	18.25	18.34	18.36		
15	64QAM	36	0	18.25	18.09	18.33		
15	64QAM	36	20	18.38	18.14	18.23	20	0
15	64QAM	36	39	18.15	18.18	18.17		
15	64QAM	75	0	18.12	18.46	18.30		
15	256QAM	1	0	18.14	18.20	18.36		
15	256QAM	1	37	18.20	18.14	18.19	20	0
15	256QAM	1	74	18.13	18.26	18.01		
15	256QAM	36	0	18.21	18.29	18.05		
15	256QAM	36	20	18.09	18.44	18.38	20	0
15	256QAM	36	39	18.23	18.27	18.18		
15	256QAM	75	0	18.11	18.24	18.09		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	18.29	18.37	18.28		
10	QPSK	1	25	18.28	18.47	18.29	20	0
10	QPSK	1	49	18.31	18.16	18.24		
10	QPSK	25	0	18.13	18.33	18.24		
10	QPSK	25	12	18.10	18.28	18.25	20	0
10	QPSK	25	25	18.19	18.46	18.31		
10	QPSK	50	0	18.46	18.14	18.15		
10	16QAM	1	0	18.32	18.33	18.30		
10	16QAM	1	25	18.35	18.42	18.24	20	0
10	16QAM	1	49	18.07	18.27	18.32		
10	16QAM	25	0	18.21	18.37	18.24		
10	16QAM	25	12	18.07	18.27	18.15	20	0
10	16QAM	25	25	18.00	18.21	18.10		
10	16QAM	50	0	18.06	18.20	18.27		
10	64QAM	1	0	18.30	18.20	18.23		
10	64QAM	1	25	18.10	18.05	18.19	20	0
10	64QAM	1	49	18.17	18.18	18.24		
10	64QAM	25	0	18.02	18.05	18.15		
10	64QAM	25	12	18.37	18.25	18.19	20	0
10	64QAM	25	25	18.12	18.19	18.30		
10	64QAM	50	0	18.17	18.36	18.25		
10	256QAM	1	0	18.18	18.18	18.34		
10	256QAM	1	25	18.08	18.10	18.08	20	0
10	256QAM	1	49	18.11	18.25	18.13		
10	256QAM	25	0	18.15	18.25	18.01		
10	256QAM	25	12	18.21	18.30	18.45	20	0
10	256QAM	25	25	18.22	18.22	18.18		
10	256QAM	50	0	18.33	18.12	18.19		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	18.37	18.36	18.29		
5	QPSK	1	12	18.17	18.25	18.26	20	0
5	QPSK	1	24	18.41	18.21	18.22		
5	QPSK	12	0	18.25	18.34	18.14		
5	QPSK	12	7	18.23	18.36	18.16	20	0
5	QPSK	12	13	18.33	18.45	18.41		
5	QPSK	25	0	18.45	18.13	18.23		
5	16QAM	1	0	18.30	18.28	18.26		
5	16QAM	1	12	18.24	18.39	18.39	20	0
5	16QAM	1	24	18.15	18.17	18.31		
5	16QAM	12	0	18.08	18.18	18.18		
5	16QAM	12	7	18.23	18.15	18.20	20	0
5	16QAM	12	13	18.26	18.33	18.02		
5	16QAM	25	0	18.03	18.20	18.40		
5	64QAM	1	0	18.23	18.17	18.27		
5	64QAM	1	12	18.16	18.16	18.09	20	0
5	64QAM	1	24	18.18	18.23	18.33		
5	64QAM	12	0	18.24	18.11	18.35		
5	64QAM	12	7	18.31	18.33	18.30	20	0
5	64QAM	12	13	18.24	18.18	18.19		
5	64QAM	25	0	18.26	18.46	18.31		
5	256QAM	1	0	18.22	18.16	18.41		
5	256QAM	1	12	18.08	18.25	18.13	20	0
5	256QAM	1	24	18.08	18.35	18.04		
5	256QAM	12	0	18.19	18.31	18.14		
5	256QAM	12	7	18.20	18.47	18.36	20	0
5	256QAM	12	13	18.21	18.20	18.26		
5	256QAM	25	0	18.03	18.10	18.04		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	18.36	18.42	18.26		
3	QPSK	1	8	18.19	18.33	18.21	20	0
3	QPSK	1	14	18.26	18.26	18.29		
3	QPSK	8	0	18.13	18.49	18.12		
3	QPSK	8	4	18.22	18.46	18.17	20	0
3	QPSK	8	7	18.21	18.50	18.28		
3	QPSK	15	0	18.28	18.29	18.23		
3	16QAM	1	0	18.32	18.42	18.15		
3	16QAM	1	8	18.22	18.52	18.29	20	0
3	16QAM	1	14	18.24	18.34	18.24		
3	16QAM	8	0	18.15	18.25	18.32		
3	16QAM	8	4	18.09	18.10	18.09	20	0
3	16QAM	8	7	18.06	18.23	18.05		
3	16QAM	15	0	18.14	18.22	18.28		
3	64QAM	1	0	18.18	18.24	18.27		
3	64QAM	1	8	18.13	18.07	18.27	20	0
3	64QAM	1	14	18.02	18.31	18.22		
3	64QAM	8	0	18.22	18.26	18.31		
3	64QAM	8	4	18.24	18.34	18.14	20	0
3	64QAM	8	7	18.24	18.31	18.11		
3	64QAM	15	0	18.22	18.49	18.31		
3	256QAM	1	0	18.08	18.05	18.25		
3	256QAM	1	8	18.10	18.17	18.13	20	0
3	256QAM	1	14	18.21	18.45	18.04		
3	256QAM	8	0	18.26	18.18	18.02		
3	256QAM	8	4	18.25	18.35	18.45	20	0
3	256QAM	8	7	18.35	18.35	18.05		
3	256QAM	15	0	18.09	18.07	18.08		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	18.34	18.38	18.36		
1.4	QPSK	1	3	18.30	18.42	18.43		
1.4	QPSK	1	5	18.31	18.17	18.42	20	0
1.4	QPSK	3	0	18.16	18.31	18.19		
1.4	QPSK	3	1	18.07	18.34	18.07		
1.4	QPSK	3	3	18.21	18.44	18.33		
1.4	QPSK	6	0	18.44	18.11	18.29	20	0
1.4	16QAM	1	0	18.26	18.24	18.37		
1.4	16QAM	1	3	18.24	18.37	18.41		
1.4	16QAM	1	5	18.06	18.30	18.21	20	0
1.4	16QAM	3	0	18.00	18.16	18.22		
1.4	16QAM	3	1	18.24	18.25	18.00		
1.4	16QAM	3	3	18.07	18.29	18.17		
1.4	16QAM	6	0	18.21	18.22	18.24	20	0
1.4	64QAM	1	0	18.16	18.21	18.31		
1.4	64QAM	1	3	18.26	18.14	18.06		
1.4	64QAM	1	5	18.05	18.12	18.16	20	0
1.4	64QAM	3	0	18.06	18.13	18.37		
1.4	64QAM	3	1	18.27	18.13	18.14		
1.4	64QAM	3	3	18.21	18.14	18.25		
1.4	64QAM	6	0	18.13	18.20	18.25	20	0
1.4	256QAM	1	0	18.02	18.25	18.35		
1.4	256QAM	1	3	18.08	18.11	18.17		
1.4	256QAM	1	5	18.04	18.37	18.13	20	0
1.4	256QAM	3	0	18.27	18.26	18.20		
1.4	256QAM	3	1	18.18	18.25	18.34		
1.4	256QAM	3	3	18.30	18.36	18.18		
1.4	256QAM	6	0	18.15	18.09	18.19	20	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	17.38	17.51	17.44		
20	QPSK	1	49	17.19	17.41	17.26	18.5	0
20	QPSK	1	99	17.30	17.39	17.39		
20	QPSK	50	0	17.16	17.49	17.43		
20	QPSK	50	24	17.16	17.30	17.23	18.5	0
20	QPSK	50	50	17.29	17.26	17.32		
20	QPSK	100	0	17.15	17.42	17.28		
20	16QAM	1	0	17.22	17.38	17.12		
20	16QAM	1	49	17.16	17.21	17.27	18.5	0
20	16QAM	1	99	17.20	17.39	17.17		
20	16QAM	50	0	17.31	17.21	17.40		
20	16QAM	50	24	17.26	17.21	17.34	18.5	0
20	16QAM	50	50	17.30	17.20	17.18		
20	16QAM	100	0	17.09	17.19	17.34		
20	64QAM	1	0	17.21	17.43	17.32		
20	64QAM	1	49	17.18	17.40	17.09	18.5	0
20	64QAM	1	99	17.14	17.17	17.24		
20	64QAM	50	0	17.21	17.35	17.25		
20	64QAM	50	24	17.16	17.38	17.16	18.5	0
20	64QAM	50	50	17.29	17.25	17.33		
20	64QAM	100	0	17.11	17.36	17.17		
20	256QAM	1	0	17.29	17.50	17.40		
20	256QAM	1	49	17.18	17.21	17.24	18.5	0
20	256QAM	1	99	17.11	17.34	17.23		
20	256QAM	50	0	17.34	17.30	17.28		
20	256QAM	50	24	17.26	17.36	17.30	18.5	0
20	256QAM	50	50	17.20	17.32	17.35		
20	256QAM	100	0	17.06	17.39	17.33		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	17.24	17.38	17.24		
15	QPSK	1	37	17.09	17.23	17.09	18.5	0
15	QPSK	1	74	17.21	17.28	17.39		
15	QPSK	36	0	17.02	17.46	17.33		
15	QPSK	36	20	17.18	17.21	17.14	18.5	0
15	QPSK	36	39	17.13	17.27	17.32		
15	QPSK	75	0	17.08	17.39	17.25		
15	16QAM	1	0	17.24	17.18	17.07		
15	16QAM	1	37	16.97	17.08	17.23	18.5	0
15	16QAM	1	74	17.02	17.35	17.15		
15	16QAM	36	0	17.29	17.20	17.25		
15	16QAM	36	20	17.10	17.18	17.34	18.5	0
15	16QAM	36	39	17.24	16.99	17.11		
15	16QAM	75	0	17.09	17.15	17.33		
15	64QAM	1	0	17.09	17.32	17.13		
15	64QAM	1	37	17.09	17.23	16.92	18.5	0
15	64QAM	1	74	17.05	17.00	17.11		
15	64QAM	36	0	17.11	17.35	17.19		
15	64QAM	36	20	17.08	17.39	17.13	18.5	0
15	64QAM	36	39	17.26	17.07	17.18		
15	64QAM	75	0	17.12	17.16	17.07		
15	256QAM	1	0	17.10	17.48	17.39		
15	256QAM	1	37	17.17	17.21	17.15	18.5	0
15	256QAM	1	74	17.13	17.25	17.19		
15	256QAM	36	0	17.29	17.20	17.20		
15	256QAM	36	20	17.19	17.25	17.23	18.5	0
15	256QAM	36	39	17.02	17.15	17.16		
15	256QAM	75	0	16.85	17.35	17.21		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	17.17	17.44	17.35		
10	QPSK	1	25	17.16	17.43	17.27	18.5	0
10	QPSK	1	49	17.08	17.22	17.38		
10	QPSK	25	0	17.12	17.37	17.22		
10	QPSK	25	12	16.94	17.31	17.14	18.5	0
10	QPSK	25	25	17.18	17.36	17.31		
10	QPSK	50	0	17.10	17.44	17.17		
10	16QAM	1	0	17.12	17.23	17.10		
10	16QAM	1	25	17.04	17.11	17.26	18.5	0
10	16QAM	1	49	17.12	17.14	16.96		
10	16QAM	25	0	17.24	17.11	17.39		
10	16QAM	25	12	17.17	17.09	17.21	18.5	0
10	16QAM	25	25	17.22	16.98	17.11		
10	16QAM	50	0	16.91	17.10	17.16		
10	64QAM	1	0	17.16	17.26	17.28		
10	64QAM	1	25	17.03	17.34	17.09	18.5	0
10	64QAM	1	49	17.15	16.95	17.07		
10	64QAM	25	0	17.02	17.34	17.10		
10	64QAM	25	12	17.03	17.36	17.02	18.5	0
10	64QAM	25	25	17.24	17.17	17.26		
10	64QAM	50	0	16.96	17.23	17.00		
10	256QAM	1	0	17.26	17.37	17.19		
10	256QAM	1	25	17.00	17.01	17.05	18.5	0
10	256QAM	1	49	17.05	17.24	17.18		
10	256QAM	25	0	17.26	17.10	17.17		
10	256QAM	25	12	17.02	17.17	17.16	18.5	0
10	256QAM	25	25	17.15	17.24	17.22		
10	256QAM	50	0	16.95	17.33	17.32		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	17.33	17.50	17.28		
5	QPSK	1	12	17.09	17.30	17.05	18.5	0
5	QPSK	1	24	17.27	17.33	17.24		
5	QPSK	12	0	17.05	17.38	17.25		
5	QPSK	12	7	17.01	17.26	17.03	18.5	0
5	QPSK	12	13	17.14	17.12	17.15		
5	QPSK	25	0	17.13	17.20	17.15		
5	16QAM	1	0	17.13	17.33	17.13		
5	16QAM	1	12	17.05	17.30	17.20	18.5	0
5	16QAM	1	24	17.04	17.30	17.14		
5	16QAM	12	0	17.21	17.20	17.38		
5	16QAM	12	7	17.07	17.07	17.19	18.5	0
5	16QAM	12	13	17.26	17.11	17.13		
5	16QAM	25	0	17.02	17.04	17.16		
5	64QAM	1	0	17.01	17.33	17.19		
5	64QAM	1	12	17.01	17.28	16.99	18.5	0
5	64QAM	1	24	17.13	17.26	17.11		
5	64QAM	12	0	17.12	17.26	17.05		
5	64QAM	12	7	17.01	17.23	17.14	18.5	0
5	64QAM	12	13	17.27	17.21	17.22		
5	64QAM	25	0	16.89	17.30	17.12		
5	256QAM	1	0	17.12	17.43	17.29		
5	256QAM	1	12	16.97	17.02	17.13	18.5	0
5	256QAM	1	24	17.07	17.26	17.03		
5	256QAM	12	0	17.31	17.29	17.10		
5	256QAM	12	7	17.11	17.21	17.30	18.5	0
5	256QAM	12	13	16.98	17.32	17.23		
5	256QAM	25	0	16.90	17.17	17.19		

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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				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	18.94	19.09	18.88		
20	QPSK	1	49	18.97	19.05	18.95	20.5	0
20	QPSK	1	99	18.95	19.04	18.94		
20	QPSK	50	0	18.68	18.86	18.78		
20	QPSK	50	24	18.72	18.73	18.76	20.5	0
20	QPSK	50	50	18.70	18.85	18.82		
20	QPSK	100	0	18.73	18.81	18.75		
20	16QAM	1	0	18.90	18.95	18.88		
20	16QAM	1	49	18.94	18.95	18.90	20.5	0
20	16QAM	1	99	18.98	18.87	18.97		
20	16QAM	50	0	18.85	18.89	18.61		
20	16QAM	50	24	18.85	18.86	18.82	20.5	0
20	16QAM	50	50	18.72	18.97	18.64		
20	16QAM	100	0	18.80	18.99	18.85		
20	64QAM	1	0	19.03	19.02	18.93		
20	64QAM	1	49	18.88	19.01	18.98	20.5	0
20	64QAM	1	99	18.94	18.85	19.03		
20	64QAM	50	0	18.83	18.89	19.03		
20	64QAM	50	24	18.98	19.02	18.94	20.5	0
20	64QAM	50	50	18.95	18.93	18.75		
20	64QAM	100	0	18.85	18.90	18.75		
20	256QAM	1	0	18.82	18.95	18.88		
20	256QAM	1	49	18.81	18.92	18.66	20	0.5
20	256QAM	1	99	18.86	18.74	18.76		
20	256QAM	50	0	18.94	18.90	18.96		
20	256QAM	50	24	18.94	18.97	18.96	20	0.5
20	256QAM	50	50	18.93	18.89	18.89		
20	256QAM	100	0	18.85	18.73	18.62		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	18.84	18.99	18.76		
15	QPSK	1	37	18.80	18.91	18.80	20.5	0
15	QPSK	1	74	18.79	18.96	18.90		
15	QPSK	36	0	18.57	18.83	18.69		
15	QPSK	36	20	18.62	18.70	18.62	20.5	0
15	QPSK	36	39	18.66	18.75	18.77		
15	QPSK	75	0	18.70	18.71	18.63		
15	16QAM	1	0	18.73	18.85	18.85		
15	16QAM	1	37	18.84	18.88	18.78	20.5	0
15	16QAM	1	74	18.95	18.81	18.94		
15	16QAM	36	0	18.83	18.85	18.53		
15	16QAM	36	20	18.76	18.71	18.77	20.5	0
15	16QAM	36	39	18.62	18.89	18.53		
15	16QAM	75	0	18.63	18.86	18.69		
15	64QAM	1	0	18.86	18.88	18.88		
15	64QAM	1	37	18.77	18.95	18.91	20.5	0
15	64QAM	1	74	18.82	18.70	18.99		
15	64QAM	36	0	18.79	18.73	18.88		
15	64QAM	36	20	18.87	18.98	18.89	20.5	0
15	64QAM	36	39	18.88	18.87	18.57		
15	64QAM	75	0	18.62	18.79	18.67		
15	256QAM	1	0	18.74	18.79	18.81		
15	256QAM	1	37	18.67	18.81	18.55	20	0.5
15	256QAM	1	74	18.76	18.60	18.72		
15	256QAM	36	0	18.77	18.87	18.84		
15	256QAM	36	20	18.81	18.80	18.87	20	0.5
15	256QAM	36	39	18.84	18.83	18.81		
15	256QAM	75	0	18.72	18.65	18.53		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	18.92	18.95	18.82		
10	QPSK	1	25	18.92	18.95	18.84	20.5	0
10	QPSK	1	49	18.81	19.01	18.91		
10	QPSK	25	0	18.52	18.83	18.60		
10	QPSK	25	12	18.59	18.62	18.65	20.5	0
10	QPSK	25	25	18.59	18.71	18.68		
10	QPSK	50	0	18.71	18.70	18.67		
10	16QAM	1	0	18.76	18.81	18.85		
10	16QAM	1	25	18.87	18.80	18.80	20.5	0
10	16QAM	1	49	18.94	18.83	18.86		
10	16QAM	25	0	18.80	18.84	18.57		
10	16QAM	25	12	18.80	18.80	18.70	20.5	0
10	16QAM	25	25	18.60	18.91	18.50		

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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				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	19.03	19.06	18.97		
20	QPSK	1	49	18.95	19.02	18.88	20	0
20	QPSK	1	99	18.86	18.96	18.83		
20	QPSK	50	0	18.93	19.01	18.79		
20	QPSK	50	24	18.91	18.93	18.89	20	0
20	QPSK	50	50	18.97	18.92	18.86		
20	QPSK	100	0	18.88	18.96	18.92		
20	16QAM	1	0	18.94	19.02	18.93		
20	16QAM	1	49	18.89	18.96	18.86	20	0
20	16QAM	1	99	18.90	19.02	18.93		
20	16QAM	50	0	18.84	18.88	18.71		
20	16QAM	50	24	18.78	18.94	18.75	20	0
20	16QAM	50	50	18.91	18.86	18.73		
20	16QAM	100	0	18.77	18.79	18.76		
20	64QAM	1	0	18.89	18.83	18.72		
20	64QAM	1	49	18.84	18.93	18.82	20	0
20	64QAM	1	99	18.84	18.99	18.76		
20	64QAM	50	0	18.76	18.80	18.80		
20	64QAM	50	24	18.96	18.94	18.95	20	0
20	64QAM	50	50	18.80	18.97	18.81		
20	64QAM	100	0	18.71	18.87	18.76		
20	256QAM	1	0	18.92	18.79	18.71		
20	256QAM	1	49	18.76	18.86	18.76	20	0
20	256QAM	1	99	18.81	18.88	18.70		
20	256QAM	50	0	18.85	18.93	18.87		
20	256QAM	50	24	18.78	18.95	18.88	20	0
20	256QAM	50	50	18.86	18.86	18.69		
20	256QAM	100	0	18.55	18.66	18.59		
Channel				37825	38000	38175	Tune-up limit	MPR
Frequency (MHz)				2577.5	2595	2612.5	(dBm)	(dB)
15	QPSK	1	0	18.87	19.03	18.90		
15	QPSK	1	37	18.86	18.95	18.76	20	0
15	QPSK	1	74	18.84	18.81	18.76		
15	QPSK	36	0	18.89	18.79	18.63		
15	QPSK	36	20	18.77	18.85	18.80	20	0
15	QPSK	36	39	18.79	18.77	18.71		
15	QPSK	75	0	18.76	18.93	18.88		
15	16QAM	1	0	18.87	18.94	18.82		
15	16QAM	1	37	18.81	18.81	18.74	20	0
15	16QAM	1	74	18.83	18.86	18.85		
15	16QAM	36	0	18.67	18.82	18.61		
15	16QAM	36	20	18.61	18.88	18.68	20	0
15	16QAM	36	39	18.76	18.80	18.68		
15	16QAM	75	0	18.64	18.73	18.72		
15	64QAM	1	0	18.72	18.77	18.65		
15	64QAM	1	37	18.76	18.84	18.76	20	0
15	64QAM	1	74	18.79	18.93	18.61		
15	64QAM	36	0	18.63	18.75	18.77		
15	64QAM	36	20	18.94	18.83	18.80	20	0
15	64QAM	36	39	18.68	18.91	18.66		
15	64QAM	75	0	18.56	18.77	18.67		
15	256QAM	1	0	18.88	18.75	18.67		
15	256QAM	1	37	18.70	18.84	18.62	20	0
15	256QAM	1	74	18.71	18.78	18.66		
15	256QAM	36	0	18.77	18.85	18.81		
15	256QAM	36	20	18.70	18.87	18.84	20	0
15	256QAM	36	39	18.77	18.82	18.65		
15	256QAM	75	0	18.49	18.62	18.54		
Channel				37600	38000	38200	Tune-up limit	MPR
Frequency (MHz)				2575	2595	2615	(dBm)	(dB)
10	QPSK	1	0	18.91	18.90	18.92		
10	QPSK	1	25	18.86	18.90	18.75	20	0
10	QPSK	1	49	18.83	18.80	18.68		
10	QPSK	25	0	18.91	18.82	18.72		
10	QPSK	25	12	18.86	18.84	18.87	20	0
10	QPSK	25	25	18.84	18.85	18.82		
10	QPSK	50	0	18.82	18.93	18.86		
10	16QAM	1	0	18.88	18.89	18.89		
10	16QAM	1	25	18.75	18.84	18.81	20	0
10	16QAM	1	49	18.82	18.95	18.90		
10	16QAM	25	0	18.72	18.81	18.61		
10	16QAM	25	12	18.65	18.86	18.65	20	0
10	16QAM	25	25	18.81	18.76	18.59		
10	16QAM	50	0	18.68	18.76	18.62		
10	64QAM	1	0	18.80	18.73	18.59		
10	64QAM	1	25	18.81	18.81	18.78	20	0
10	64QAM	1	49	18.80	18.86	18.65		
10	64QAM	25	0	18.71	18.70	18.69		
10	64QAM	25	12	18.80	18.84	18.85	20	0
10	64QAM	25	25	18.77	18.90	18.72		
10	64QAM	50	0	18.59	18.69	18.60		
10	256QAM	1	0	18.88	18.65	18.54		
10	256QAM	1	25	18.68	18.76	18.65	20	0
10	256QAM	1	49	18.73	18.71	18.65		
10	256QAM	25	0	18.68	18.80	18.85		
10	256QAM	25	12	18.64	18.79	18.85	20	0
10	256QAM	25	25	18.78	18.84	18.59		
10	256QAM	50	0	18.45	18.57	18.49		
Channel				37775	38000	38225	Tune-up limit	MPR
Frequency (MHz)				2572.5	2595	2617.5	(dBm)	(dB)
5	QPSK	1	0	18.86	18.98	18.83		
5	QPSK	1	12	18.88	18.88	18.79	20	0
5	QPSK	1	24	18.82	18.82	18.81		
5	QPSK	12	0	18.88	18.78	18.66		
5	QPSK	12	7	18.87	18.77	18.86	20	0
5	QPSK	12	13	18.90	18.86	18.71		
5	QPSK	25	0	18.81	18.84	18.89		
5	16QAM	1	0	18.80	18.89	18.75		
5	16QAM	1	12	18.82	18.87	18.72	20	0
5	16QAM	1	24	18.78	18.98	18.81		
5	16QAM	12	0	18.79	18.72	18.56		
5	16QAM	12	7	18.73	18.77	18.59	20	0
5	16QAM	12	13	18.75	18.82	18.69		
5	16QAM	25	0	18.72	18.74	18.68		
5	64QAM	1	0	18.83	18.67	18.54		
5	64QAM	1	12	18.68	18.82	18.67	20	0
5	64QAM	1	24	18.68	18.90	18.73		
5	64QAM	12	0	18.72	18.77	18.64		
5	64QAM	12	7	18.63	18.77	18.60	20	0
5	64QAM	12	13	18.67	18.79	18.66		
5	64QAM	25	0	18.64	18.81	18.59		
5	256QAM	1	0	18.86	18.74	18.64		
5	256QAM	1	12	18.67	18.72	18.64	20	0
5	256QAM	1	24	18.68	18.84	18.57		
5	256QAM	12	0	18.73	18.76	18.77		
5	256QAM	12	7	18.61	18.92	18.71	20	0
5	256QAM	12	13	18.75	18.73	18.60		
5	256QAM	25	0	18.46	18.48	18.53		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	20.10	20.14	20.23	20.13	20.22		
20	QPSK	1	49	20.03	20.10	20.15	20.02	20.18	21	0
20	QPSK	1	99	20.04	20.01	20.13	20.04	20.20		
20	QPSK	50	0	19.97	20.11	20.17	20.07	20.10		
20	QPSK	50	24	19.93	20.10	20.12	20.11	20.05	21	0
20	QPSK	50	50	19.95	19.98	20.08	20.11	20.14		
20	QPSK	100	0	20.06	20.00	20.18	19.97	20.07		
20	16QAM	1	0	19.95	20.03	20.14	20.02	20.19		
20	16QAM	1	49	19.85	19.95	20.00	19.94	20.10	21	0
20	16QAM	1	99	19.98	19.95	19.96	19.96	20.09		
20	16QAM	50	0	19.80	20.02	19.98	19.91	20.15		
20	16QAM	50	24	19.89	20.00	20.05	19.97	19.98	21	0
20	16QAM	50	50	19.83	19.96	19.96	20.07	20.09		
20	16QAM	100	0	19.94	19.94	20.01	19.86	19.99		
20	64QAM	1	0	19.93	20.00	20.14	20.07	20.13		
20	64QAM	1	49	19.86	19.93	20.13	19.95	20.05	21	0
20	64QAM	1	99	19.90	19.96	20.00	19.90	20.09		
20	64QAM	50	0	19.93	20.08	20.06	20.01	20.14		
20	64QAM	50	24	19.81	19.94	20.13	19.94	19.97	21	0
20	64QAM	50	50	19.85	19.90	20.00	19.97	20.03		
20	64QAM	100	0	20.04	20.07	20.19	20.11	20.10		
20	256QAM	1	0	19.02	19.22	19.18	19.10	19.23		
20	256QAM	1	49	19.01	19.13	19.17	19.08	19.17	20	1
20	256QAM	1	99	18.98	19.04	19.11	19.04	19.27		
20	256QAM	50	0	18.98	19.13	19.18	18.99	19.24		
20	256QAM	50	24	19.00	19.04	19.11	19.14	18.98	20	1
20	256QAM	50	50	18.88	18.97	19.02	19.18	19.19		
20	256QAM	100	0	19.13	18.92	19.10	18.90	19.09		
Channel				39725	40173	40620	41068	41515	Tune-up limit	MPR
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	(dBm)	(dB)
15	QPSK	1	0	20.01	20.02	20.14	20.02	20.08		
15	QPSK	1	37	19.94	20.03	20.04	19.92	20.12	21	0
15	QPSK	1	74	19.89	19.87	20.05	19.94	20.10		
15	QPSK	36	0	19.92	19.99	20.04	19.93	20.05		
15	QPSK	36	20	19.83	20.05	20.06	20.02	19.98	21	0
15	QPSK	36	39	19.81	19.92	19.95	20.05	20.01		
15	QPSK	75	0	19.97	19.88	20.12	19.90	19.98		
15	16QAM	1	0	19.82	19.92	20.08	19.97	20.05		
15	16QAM	1	37	19.78	19.89	19.91	19.75	19.97	21	0
15	16QAM	1	74	19.86	19.90	19.85	19.90	19.99		
15	16QAM	36	0	19.68	19.95	19.85	19.81	20.08		
15	16QAM	36	20	19.82	19.90	19.91	19.86	19.86	21	0
15	16QAM	36	39	19.71	19.75	19.87	20.00	19.97		
15	16QAM	75	0	19.81	19.85	19.87	19.91	19.85		
15	64QAM	1	0	19.88	19.93	20.05	19.97	19.99		
15	64QAM	1	37	19.78	19.85	19.98	19.81	19.96	21	0
15	64QAM	1	74	19.78	19.87	19.86	19.79	19.97		
15	64QAM	36	0	19.84	19.93	19.94	19.89	20.01		
15	64QAM	36	20	19.75	19.89	20.02	19.86	19.83	21	0
15	64QAM	36	39	19.76	19.78	19.92	19.83	19.95		
15	64QAM	75	0	19.95	20.00	20.13	19.99	20.05		
15	256QAM	1	0	18.96	19.12	19.09	18.96	19.12		
15	256QAM	1	37	18.87	19.04	19.09	18.99	19.06	20	1
15	256QAM	1	74	18.86	18.92	18.98	18.90	19.19		
15	256QAM	36	0	18.93	19.06	19.08	18.88	19.13		
15	256QAM	36	20	18.91	18.93	18.99	19.05	18.89	20	1
15	256QAM	36	39	18.77	18.85	18.93	19.08	19.09		
15	256QAM	75	0	19.02	18.86	19.03	18.81	18.99		
Channel				39700	40160	40620	41080	41540	Tune-up limit	MPR
Frequency (MHz)				2501	2547	2593	2639	2685	(dBm)	(dB)
10	QPSK	1	0	19.99	20.08	20.11	20.02	20.15		
10	QPSK	1	25	19.92	20.01	20.01	19.95	20.04	21.00	0
10	QPSK	1	49	19.92	19.92	20.05	19.91	20.08		
10	QPSK	25	0	19.90	19.97	20.12	19.95	19.98		
10	QPSK	25	12	19.83	20.03	20.02	20.00	19.93	21	0
10	QPSK	25	25	19.87	19.92	20.02	19.97	20.07		
10	QPSK	50	0	19.97	19.93	20.10	19.85	19.96		
10	16QAM	1	0	19.85	19.93	20.03	19.97	20.08		
10	16QAM	1	25	19.73	19.86	19.92	19.74	20.02	21	0
10	16QAM	1	49	19.83	19.81	19.90	19.87	19.97		
10	16QAM	25	0	19.67	19.95	19.84	19.82	20.07		
10	16QAM	25	12	19.74	19.91	19.95	19.87	19.87	21	0
10	16QAM	25	25	19.76	19.72	19.83	20.01	19.97		
10	16QAM	50	0	19.82	19.80	19.86	19.72	19.87		
10	64QAM	1	0	19.81	19.88	20.01	19.93	20.06		
10	64QAM	1	25	19.73	19.85	20.01	19.81	20.00	21	0
10	64QAM	1	49	19.78	19.90	19.94	19.84	19.94		
10	64QAM	25	0	19.82	19.96	20.00	19.88	20.03		
10	64QAM	25	12	19.70	19.88	20.01	19.85	19.85	21	0
10	64QAM	25	25	19.78	19.78	19.88	19.85	19.88		
10	64QAM	50	0	19.92	19.97	20.13	20.03	19.98		
10	256QAM	1	0	18.91	19.15	19.06	18.99	19.17		
10	256QAM	1	25	18.92	19.07	19.10	18.99	19.09	20	1
10	256QAM	1	49	18.90	18.97	18.99	18.94	19.20		
10	256QAM	25	0	18.90	19.06	19.12	18.89	19.17		
10	256QAM	25	12	18.86	18.93	19.02	18.99	18.90	20	1
10	256QAM	25	25	18.82	18.89	18.89	19.12	19.12		
10	256QAM	50	0	19.08	18.85	18.95	18.78	18.96		
Channel				39675	40148	40620	41093	41565	Tune-up limit	MPR
Frequency (MHz)				2498.5	2546.8	2593	2640.30	2687.5	(dBm)	(dB)
5	QPSK	1	0	19.96	20.04	20.16	20.06	20.10		
5	QPSK	1	12	19.93	20.05	20.02	19.91	20.09	21.00	0
5	QPSK	1	24	19.93	19.89	20.05	19.90	20.10		
5	QPSK	12	0	19.85	20.02	20.09	19.93	20.02		
5	QPSK	12	7	19.85	20.04	19.98	20.02	20.00	21	0
5	QPSK	12	13	19.83	19.85	19.94	20.02	20.05		
5	QPSK	25	0	19.98	19.90	20.03	19.85	20.00		
5	16QAM	1	0	19.87	19.97	20.06	19.91	20.07		
5	16QAM	1	12	19.76	19.83	19.92	19.73	19.99	21	0
5	16QAM	1	24	19.92	19.82	19.83	19.87	19.97		
5	16QAM	12	0	19.70	19.91	19.85	19.79	20.03		
5	16QAM	12	7	19.83	19.89	19.97	19.90	19.86	21	0
5	16QAM	12	13	19.70	19.80	19.83	20.01	20.04		
5	16QAM	25	0	19.85	19.89	19.92	19.72	19.88		
5	64QAM	1	0	19.82	19.89	20.00	19.97	20.06		
5	64QAM	1	12	19.71	19.88	20.00	19.83	19.99	21	0
5	64QAM	1	24	19.75	19.87	19.92	19.77	20.02		
5	64QAM	12	0	19.86	19.94	19.93	19.91	20.07		
5	64QAM	12	7	19.70	19.82	20.00	19.81	19.83	21	0
5	64QAM	12	13	19.73	19.83	19.86	19.83	19.90		
5	64QAM	25	0	19.94	19.95	20.06	20.06	19.97		
5	256QAM	1	0	18.93	19.10	19.12	19.05	19.14		
5	256QAM	1	12	18.96	19.06	19.05	19.01	19.04	20	1
5	256QAM	1	24	18.90	18.97	19.00	18.97	19.20		
5	256QAM	12	0	18.89	19.04	19.06	18.89	19.15		
5	256QAM	12	7	18.90	18.91	19.01	19.04	18.84	20	1
5	256QAM	12	13	18.82	18.91	18.97	19.07	19.08		
5	256QAM	25	0	19.04	18.85	19.04	18.77	18.98		

UL CA power

Ant 0 Full Power&DSI3&5&1&4

CA_7C								
Combination 20MHz+20MHz (1RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
20850	21048	QPSK	1	99	1	0	21.17	22.50
21100	21298	QPSK	1	99	1	0	21.30	22.50
21350	21152	QPSK	1	0	1	99	21.21	22.50

Ant 0 Full Power&DSI 1&4&5

CA_38C								
Combination 20MHz+20MHz (1RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
37850	38048	QPSK	1	99	1	0	21.10	22.00
37901	38099	QPSK	1	99	1	0	21.25	22.00
38150	37952	QPSK	1	0	1	99	21.17	22.00

Ant 1 Full Power

CA_7C								
Combination 20MHz+20MHz (1RB+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	22.35	23.50
21100	21298	QPSK	1	99	1	0	22.40	23.50
21350	21152	QPSK	1	0	1	99	22.27	23.50

Ant 1 Full Power&DSI3&4

CA_38C								
Combination 20MHz+20MHz (1RB+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	22.20	23.00
37901	38099	QPSK	1	99	1	0	22.24	23.00
38150	37952	QPSK	1	0	1	99	22.13	23.00

Ant 2 Full Power&DSI 1&4

CA_7C								
Combination 20MHz+20MHz (1RB+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	22.92	23.70
21100	21298	QPSK	1	99	1	0	23.11	23.70
21350	21152	QPSK	1	0	1	99	23.05	23.70

Ant 2 Full Power&DSI 1&4

CA_38C								
Combination 20MHz+20MHz (1RB+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	22.87	23.70
37901	38099	QPSK	1	99	1	0	23.14	23.70
38150	37952	QPSK	1	0	1	99	23.00	23.70

Ant 3 Full Power&DSI4

CA_7C								
Combination 20MHz+20MHz (1RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
20850	21048	QPSK	1	99	1	0	21.86	23.00
21100	21298	QPSK	1	99	1	0	22.00	23.00
21350	21152	QPSK	1	0	1	99	21.92	23.00

Ant 3 Full Power&DSI4

CA_38C								
Combination 20MHz+20MHz (1RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
37850	38048	QPSK	1	99	1	0	21.97	23.00
37901	38099	QPSK	1	99	1	0	22.13	23.00
38150	37952	QPSK	1	0	1	99	21.85	23.00

Ant 1 DSI1&5

CA_7C								
Combination 20MHz+20MHz (1RB+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	16.31	17.50
21100	21298	QPSK	1	99	1	0	16.47	17.50
21350	21152	QPSK	1	0	1	99	16.46	17.50

Ant 1 DSI1&5

CA_38C								
Combination 20MHz+20MHz (1RB+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	18.36	19.00
37901	38099	QPSK	1	99	1	0	18.43	19.00
38150	37952	QPSK	1	0	1	99	18.30	19.00

Ant 1 DSI3&4

CA_7C								
Combination 20MHz+20MHz (1RB+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	20.33	21.50
21100	21298	QPSK	1	99	1	0	20.46	21.50
21350	21152	QPSK	1	0	1	99	20.41	21.50

Ant 2 DSI3&5

CA_38C								
Combination 20MHz+20MHz (1RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
37850	38048	QPSK	1	99	1	0	21.98	22.70
37901	38099	QPSK	1	99	1	0	22.14	22.70
38150	37952	QPSK	1	0	1	99	21.97	22.70

Ant 2 DSI3&5

CA_7C								
Combination 20MHz+20MHz (1RB+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	22.03	22.70
21100	21298	QPSK	1	99	1	0	22.18	22.70
21350	21152	QPSK	1	0	1	99	22.01	22.70

Ant 3 DSI1&5

CA_38C								
Combination 20MHz+20MHz (1RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
37850	38048	QPSK	1	99	1	0	19.01	20.00
37901	38099	QPSK	1	99	1	0	19.05	20.00
38150	37952	QPSK	1	0	1	99	18.95	20.00

Ant 3 DSI1&5

CA_7C								
Combination 20MHz+20MHz (1RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
20850	21048	QPSK	1	99	1	0	17.41	18.50
21100	21298	QPSK	1	99	1	0	17.49	18.50
21350	21152	QPSK	1	0	1	99	17.43	18.50

Ant 3 DSI3

CA_38C								
Combination 20MHz+20MHz (1RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
37850	38048	QPSK	1	99	1	0	21.37	22.50
37901	38099	QPSK	1	99	1	0	21.48	22.50
38150	37952	QPSK	1	0	1	99	21.39	22.50

Ant 3 DSI3

CA_7C								
Combination 20MHz+20MHz (1RB+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	20.87	22.00
21100	21298	QPSK	1	99	1	0	20.92	22.00
21350	21152	QPSK	1	0	1	99	20.75	22.00

DL 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_2A-2A	Band 2	Ant1	20M	1880	18900	QPSK	1	0		Band 2	5M	1988	1175		24.05	24.23
	Band 2	Ant2	20M	1880	18900	QPSK	1	0		Band 2	5M	1988	1175		24.28	24.49
CA_2A-4A	Band 2	Ant1	20M	1880	18900	QPSK	1	0		Band 4	20M	2133	2175	4x4MIMO	24.10	24.23
	Band 2	Ant2	20M	1880	18900	QPSK	1	0		Band 4	20M	2133	2175	4x4MIMO	24.32	24.49
CA_4A-5A	Band 4	Ant0	20M	1732.5	20175	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525		22.88	22.96
	Band 4	Ant1	20M	1732.5	20175	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525		24.81	24.87
	Band 4	Ant2	20M	1732.5	20175	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525		24.87	25.00
	Band 4	Ant3	20M	1732.5	20175	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525		23.62	23.75
	Band 5	Ant0	10M	836.5	20525	QPSK	1	0		Band 4	20M	2133	2175	4x4MIMO	24.83	25.01
	Band 5	Ant1	10M	836.5	20525	QPSK	1	0		Band 4	20M	2133	2175	4x4MIMO	24.62	24.78
CA_38C	Band 38	Ant0	20M	2580	37850	QPSK	1	0	4x4MIMO	Band 38	20M	2600	38048	4x4MIMO	22.52	22.67
	Band 38	Ant1	20M	2580	37850	QPSK	1	0	4x4MIMO	Band 38	20M	2600	38048	4x4MIMO	24.17	24.34
	Band 38	Ant2	20M	2580	37850	QPSK	1	0	4x4MIMO	Band 38	20M	2600	38048	4x4MIMO	25.03	25.10
	Band 38	Ant3	20M	2580	37850	QPSK	1	0	4x4MIMO	Band 38	20M	2600	38048	4x4MIMO	23.81	23.96
CA_41A-41A	Band 41	Ant0	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 41	5M	2688	41565	4x4MIMO	22.80	22.93
	Band 41	Ant1	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 41	5M	2688	41565	4x4MIMO	24.27	24.42
	Band 41	Ant2	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 41	5M	2688	41565	4x4MIMO	25.01	25.16
	Band 41	Ant3	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 41	5M	2688	41565	4x4MIMO	23.88	24.09
CA_66B	Band 66	Ant0	15M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2154	66879	4x4MIMO	22.86	23.02
	Band 66	Ant1	15M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2154	66879	4x4MIMO	24.78	24.91
	Band 66	Ant2	15M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2154	66879	4x4MIMO	24.92	25.06
	Band 66	Ant3	15M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2154	66879	4x4MIMO	23.67	23.81
CA_66C	Band 66	Ant0	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	20M	2165	66984	4x4MIMO	22.88	23.02
	Band 66	Ant1	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	20M	2165	66984	4x4MIMO	24.85	24.91
	Band 66	Ant2	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	20M	2165	66984	4x4MIMO	24.92	25.06
	Band 66	Ant3	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	20M	2165	66984	4x4MIMO	23.72	23.81

3CA DL

3CA List	PCC									SCC1					SCC2					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	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	DL Antenna Configuration	With CA Tx. Power (dBm)	Without CA Tx. Power (dBm)
CA_2A-7C	Band 2	Ant1	20M	1880	18900	QPSK	1	0		Band 7	20M	2655	3100	4x4MIMO	Band 7	20M	2554.8	3298	4x4MIMO	24.12	24.23
	Band 2	Ant2	20M	1880	18900	QPSK	1	0		Band 7	20M	2655	3100	4x4MIMO	Band 7	20M	2554.8	3298	4x4MIMO	24.40	24.49
CA_2A-7A-7A	Band 2	Ant1	20M	1880	18900	QPSK	1	0		Band 7	20M	2655	3100	4x4MIMO	Band 7	5M	2687.5	3425	4x4MIMO	24.08	24.23
	Band 2	Ant2	20M	1880	18900	QPSK	1	0		Band 7	20M	2655	3100	4x4MIMO	Band 7	5M	2687.5	3425	4x4MIMO	24.42	24.49
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	22.84	22.96
	Band 4	Ant1	20M	1732.5	20175	QPSK	1	0	4x4MIMO	Band 7	20M	2655	3100	4x4MIMO	Band 7	20M	2554.8	3298	4x4MIMO	24.67	24.87
	Band 4	Ant2	20M	1732.5	20175	QPSK	1	0	4x4MIMO	Band 7	20M	2655	3100	4x4MIMO	Band 7	20M	2554.8	3298	4x4MIMO	24.91	25.00
	Band 4	Ant3	20M	1732.5	20175	QPSK	1	0	4x4MIMO	Band 7	20M	2655	3100	4x4MIMO	Band 7	20M	2554.8	3298	4x4MIMO	23.56	23.75
	Band 7	Ant0	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 7	20M	2554.8	3298	4x4MIMO	Band 4	20M	2132.5	2175	4x4MIMO	23.05	23.21
	Band 7	Ant1	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 7	20M	2554.8	3298	4x4MIMO	Band 4	20M	2132.5	2175	4x4MIMO	24.34	24.52
	Band 7	Ant2	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 7	20M	2554.8	3298	4x4MIMO	Band 4	20M	2132.5	2175	4x4MIMO	25.04	25.16
	Band 7	Ant3	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 7	20M	2554.8	3298	4x4MIMO	Band 4	20M	2132.5	2175	4x4MIMO	23.82	24.03
CA_5A-7A-7A	Band 5	Ant0	10M	836.5	20525	QPSK	1	0		Band 7	20M	2655	3100	4x4MIMO	Band 7	5M	2687.5	3425	4x4MIMO	24.80	25.01
	Band 5	Ant1	10M	836.5	20525	QPSK	1	0		Band 7	20M	2655	3100	4x4MIMO	Band 7	5M	2687.5	3425	4x4MIMO	24.53	24.78
	Band 7	Ant0	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 7	5M	2687.5	3425	4x4MIMO	Band 5	10M	881.5	2525		23.11	23.21
	Band 7	Ant1	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 7	5M	2687.5	3425	4x4MIMO	Band 5	10M	881.5	2525		24.39	24.52
	Band 7	Ant2	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 7	5M	2687.5	3425	4x4MIMO	Band 5	10M	881.5	2525		25.07	25.16
	Band 7	Ant3	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 7	5M	2687.5	3425	4x4MIMO	Band 5	10M	881.5	2525		23.86	24.03
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	24.77	25.01
	Band 5	Ant1	10M	836.5	20525	QPSK	1	0		Band 66	20M	2155	66886	4x4MIMO	Band 7	20M	2655	3100	4x4MIMO	24.58	24.78
	Band 7	Ant0	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525		Band 66	20M	2155	66886	4x4MIMO	23.08	23.21
	Band 7	Ant1	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525		Band 66	20M	2155	66886	4x4MIMO	24.31	24.52
	Band 7	Ant2	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525		Band 66	20M	2155	66886	4x4MIMO	24.99	25.16
	Band 7	Ant3	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525		Band 66	20M	2155	66886	4x4MIMO	23.83	24.03
	Band 66	Ant1	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 7	20M	2655	3100	4x4MIMO	Band 5	10M	881.5	2525		24.66	24.91
	Band 66	Ant2	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 7	20M	2655	3100	4x4MIMO	Band 5	10M	881.5	2525		24.96	25.06
CA_41D	Band 41	Ant0	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 41	20M	2612.8	40818	4x4MIMO	Band 41	20M	2632.6	41016	4x4MIMO	22.70	22.93
	Band 41	Ant1	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 41	20M	2612.8	40818	4x4MIMO	Band 41	20M	2632.6	41016	4x4MIMO	24.22	24.42
	Band 41	Ant2	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 41	20M	2612.8	40818	4x4MIMO	Band 41	20M	2632.6	41016	4x4MIMO	24.98	25.16
	Band 41	Ant3	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 41	20M	2612.8	40818	4x4MIMO	Band 41	20M	2632.6	41016	4x4MIMO	23.84	24.09

Full&Default Power Mode

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	25.07	25.12	25.05	25.7	0.0
20	PI/2 BPSK	1	53	24.96	25.09	25.02		
20	PI/2 BPSK	1	104	24.92	25.04	24.93		
20	PI/2 BPSK	50	0	24.61	24.69	24.59	25.2	0.5
20	PI/2 BPSK	50	28	25.01	25.15	25.04	25.7	0.0
20	PI/2 BPSK	50	56	24.51	24.65	24.60	25.2	0.5
20	PI/2 BPSK	100	0	24.57	24.67	24.61		
20	QPSK	1	1	25.10	25.18	25.06	25.7	0.0
20	QPSK	1	53	24.98	25.11	25.03		
20	QPSK	1	104	24.72	24.81	24.70		
20	QPSK	50	0	24.09	24.21	24.09	24.7	1.0
20	QPSK	50	28	25.12	25.16	25.11	25.7	0.0
20	QPSK	50	56	24.15	24.19	24.06	24.7	1.0
20	QPSK	100	0	24.08	24.15	24.09		
20	16QAM	1	1	23.87	23.94	23.88	24.7	1.0
20	64QAM	1	1	22.37	22.45	22.39	23.2	2.5
20	256QAM	1	1	20.73	20.78	20.71	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	25.01	25.05	24.96	25.7	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	25.06	25.03	24.96	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	25.00	25.13	24.92	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	21.32	21.43	21.34	23.0	0.0
40	PI/2 BPSK	1	108	21.33	21.41	21.36		
40	PI/2 BPSK	1	214	21.11	21.26	21.13		
40	PI/2 BPSK	108	0	20.84	20.90	20.76	22.5	0.5
40	PI/2 BPSK	108	54	21.27	21.33	21.27	23.0	0.0
40	PI/2 BPSK	108	108	20.72	20.82	20.72	22.5	0.5
40	PI/2 BPSK	216	0	20.73	20.86	20.76		
40	QPSK	1	1	21.39	21.45	21.37	23.0	0.0
40	QPSK	1	108	21.30	21.34	21.24		
40	QPSK	1	214	21.19	21.24	21.17		
40	QPSK	108	0	20.35	20.42	20.28	22.0	1.0
40	QPSK	108	54	21.27	21.40	21.27	23.0	0.0
40	QPSK	108	108	20.31	20.37	20.26	22.0	1.0
40	QPSK	216	0	20.34	20.41	20.36		
40	16QAM	1	1	20.43	20.54	20.46	22.0	1.0
40	64QAM	1	1	18.67	18.78	18.66	20.5	2.5
40	256QAM	1	1	17.11	17.15	17.07	18.5	4.5
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	21.29	21.32	21.27	23.0	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	21.27	21.37	21.30	23.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	21.34	21.37	21.28	23.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	21.35	21.36	21.29	23.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	21.29	21.41	21.28	23.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	21.27	21.40	21.29	23.0	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	21.79	21.87	21.75	23.3	0.0
40	PI/2 BPSK	1	53	21.77	21.91	21.86		
40	PI/2 BPSK	1	104	21.87	21.90	21.79		
40	PI/2 BPSK	50	0	21.43	21.52	21.45	22.8	0.5
40	PI/2 BPSK	50	28	21.79	21.86	21.74	23.3	0.0
40	PI/2 BPSK	50	56	21.37	21.51	21.48	22.8	0.5
40	PI/2 BPSK	100	0	21.39	21.49	21.42		
40	QPSK	1	1	21.87	21.96	21.82	23.3	0.0
40	QPSK	1	53	21.87	21.93	21.81		
40	QPSK	1	104	21.87	21.90	21.86		
40	QPSK	50	0	20.91	21.02	20.95	22.3	1.0
40	QPSK	50	28	21.89	21.92	21.84	23.3	0.0
40	QPSK	50	56	20.91	21.04	21.00	22.3	1.0
40	QPSK	100	0	20.86	20.97	20.84		
40	16QAM	1	1	20.85	20.93	20.84	22.3	1.0
40	64QAM	1	1	19.22	19.33	19.23	20.8	2.5
40	256QAM	1	1	17.48	17.62	17.55	18.8	4.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	21.84	21.87	21.74	23.3	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	21.79	21.92	21.73	23.3	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	21.76	21.85	21.75	23.3	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	21.76	21.89	21.67	23.3	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	21.90	21.96	21.88	23.3	0.0
100	PI/2 BPSK	1	137	21.73	21.87	21.84		
100	PI/2 BPSK	1	271	21.71	21.78	21.68		
100	PI/2 BPSK	135	0	21.26	21.39	21.34	22.8	0.5
100	PI/2 BPSK	135	69	21.76	21.87	21.76	23.3	0.0
100	PI/2 BPSK	135	138	21.27	21.30	21.20	22.8	0.5
100	PI/2 BPSK	270	0	21.29	21.40	21.35		
100	QPSK	1	1	21.86	21.98	21.91	23.3	0.0
100	QPSK	1	137	21.86	21.94	21.87		
100	QPSK	1	271	21.53	21.66	21.62		
100	QPSK	135	0	20.81	20.92	20.81	22.3	1.0
100	QPSK	135	69	21.70	21.84	21.77	23.3	0.0
100	QPSK	135	138	20.73	20.81	20.67	22.3	1.0
100	QPSK	270	0	20.79	20.83	20.74		
100	16QAM	1	1	20.91	20.99	20.90	22.3	1.0
100	64QAM	1	1	19.55	19.61	19.57	20.8	2.5
100	256QAM	1	1	17.63	17.68	17.57	18.8	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	21.78	21.91	21.77	23.3	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	21.81	21.83	21.87	23.3	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	21.76	21.93	21.79	23.3	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	21.81	21.91	21.79	23.3	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	21.79	21.93	21.78	23.3	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	21.78	21.94	21.81	23.3	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	21.72	21.86	21.77	23.3	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	21.76	21.93	21.85	23.3	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	24.73	24.78	24.68	25.5	0.0
20	PI/2 BPSK	1	53	24.67	24.73	24.69		
20	PI/2 BPSK	1	104	24.57	24.68	24.61		
20	PI/2 BPSK	50	0	24.23	24.38	24.32	25.0	0.5
20	PI/2 BPSK	50	28	24.67	24.80	24.75	25.5	0.0
20	PI/2 BPSK	50	56	24.25	24.33	24.23	25.0	0.5
20	PI/2 BPSK	100	0	24.21	24.34	24.28		
20	QPSK	1	1	24.70	24.81	24.75	25.5	0.0
20	QPSK	1	53	24.72	24.79	24.73		
20	QPSK	1	104	24.56	24.60	24.56		
20	QPSK	50	0	23.82	23.87	23.73	24.5	1.0
20	QPSK	50	28	24.73	24.81	24.67	25.5	0.0
20	QPSK	50	56	23.72	23.80	23.69	24.5	1.0
20	QPSK	100	0	23.69	23.77	23.65		
20	16QAM	1	1	23.58	23.73	23.60	24.5	1.0
20	64QAM	1	1	21.98	22.07	22.01	23.0	2.5
20	256QAM	1	1	20.29	20.37	20.23	21.0	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	24.63	24.77	24.61	25.5	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	24.58	24.72	24.67	25.5	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	24.62	24.71	24.71	25.5	0.0

n7 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				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	23.46	23.54	23.42	24.0	0.0
40	PI/2 BPSK	1	108	23.49	23.52	23.41		
40	PI/2 BPSK	1	214	23.38	23.50	23.36		
40	PI/2 BPSK	108	0	22.90	23.04	22.95	23.5	0.5
40	PI/2 BPSK	108	54	23.38	23.50	23.40	24.0	0.0
40	PI/2 BPSK	108	108	22.85	22.99	22.88	23.5	0.5
40	PI/2 BPSK	216	0	22.90	23.00	22.90		
40	QPSK	1	1	23.51	23.57	23.49	24.0	0.0
40	QPSK	1	108	23.43	23.52	23.43		
40	QPSK	1	214	23.43	23.55	23.50		
40	QPSK	108	0	22.46	22.56	22.49	23.0	1.0
40	QPSK	108	54	23.34	23.46	23.32	24.0	0.0
40	QPSK	108	108	22.32	22.47	22.40	23.0	1.0
40	QPSK	216	0	22.48	22.57	22.51		
40	16QAM	1	1	22.51	22.63	22.59	23.0	1.0
40	64QAM	1	1	20.91	20.96	20.87	21.5	2.5
40	256QAM	1	1	19.00	19.03	18.90	19.5	4.5
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	23.43	23.45	23.39	24.0	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	23.42	23.45	23.44	24.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	23.37	23.51	23.38	24.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	23.40	23.46	23.44	24.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	23.41	23.53	23.35	24.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	23.34	23.48	23.38	24.0	0.0

n38 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				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	24.56	24.64	24.55	25.7	0.0
40	PI/2 BPSK	1	53	24.45	24.57	24.48		
40	PI/2 BPSK	1	104	24.51	24.60	24.49		
40	PI/2 BPSK	50	0	24.11	24.21	24.18	25.2	0.5
40	PI/2 BPSK	50	28	24.53	24.63	24.49	25.7	0.0
40	PI/2 BPSK	50	56	24.00	24.08	23.96	25.2	0.5
40	PI/2 BPSK	100	0	24.04	24.12	24.05		
40	QPSK	1	1	24.53	24.66	24.59	25.7	0.0
40	QPSK	1	53	24.48	24.58	24.46		
40	QPSK	1	104	24.50	24.64	24.60		
40	QPSK	50	0	23.55	23.66	23.61	24.7	1.0
40	QPSK	50	28	24.48	24.58	24.55	25.7	0.0
40	QPSK	50	56	23.47	23.56	23.51	24.7	1.0
40	QPSK	100	0	23.45	23.58	23.51		
40	16QAM	1	1	23.48	23.59	23.54	24.7	1.0
40	64QAM	1	1	22.06	22.12	22.03	23.2	2.5
40	256QAM	1	1	20.04	20.14	20.07	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	24.49	24.62	24.54	25.7	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	24.38	24.56	24.50	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	24.41	24.57	24.54	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	24.44	24.51	24.48	25.7	0.0

n41 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				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	24.60	24.66	24.61	25.7	0.0
100	PI/2 BPSK	1	137	24.38	24.52	24.42		
100	PI/2 BPSK	1	271	24.35	24.46	24.32		
100	PI/2 BPSK	135	0	23.94	24.01	23.98	25.2	0.5
100	PI/2 BPSK	135	69	24.36	24.49	24.43	25.7	0.0
100	PI/2 BPSK	135	138	23.94	23.98	23.95	25.2	0.5
100	PI/2 BPSK	270	0	23.92	24.02	23.95		
100	QPSK	1	1	24.31	24.69	24.56	25.7	0.0
100	QPSK	1	137	24.44	24.55	24.52		
100	QPSK	1	271	24.42	24.50	24.45		
100	QPSK	135	0	23.46	23.50	23.41	24.7	1.0
100	QPSK	135	69	24.56	24.63	24.49	25.7	0.0
100	QPSK	135	138	23.35	23.48	23.37	24.7	1.0
100	QPSK	270	0	23.52	23.58	23.44		
100	16QAM	1	1	23.68	23.74	23.66	24.7	1.0
100	64QAM	1	1	22.04	22.09	21.98	23.2	2.5
100	256QAM	1	1	20.09	20.15	20.08	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	24.46	24.56	24.42	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	24.51	24.54	24.46	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	24.44	24.60	24.47	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	24.49	24.65	24.43	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	24.46	24.65	24.49	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	24.40	24.64	24.49	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	24.51	24.64	24.47	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	24.50	24.54	24.43	25.7	0.0

n7 Ant2 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	24.17	24.25	24.17	24.7	0.0
40	PI/2 BPSK	1	108	24.05	24.20	24.13		
40	PI/2 BPSK	1	214	24.08	24.22	24.13		
40	PI/2 BPSK	108	0	23.50	23.62	23.52	24.2	0.5
40	PI/2 BPSK	108	54	24.03	24.09	23.95	24.7	0.0
40	PI/2 BPSK	108	108	23.67	23.77	23.69	24.2	0.5
40	PI/2 BPSK	216	0	23.60	23.66	23.56		
40	QPSK	1	1	24.23	24.30	24.16	24.7	0.0
40	QPSK	1	108	24.12	24.26	24.11		
40	QPSK	1	214	24.08	24.22	24.17		
40	QPSK	108	0	23.10	23.13	23.09	23.7	1.0
40	QPSK	108	54	24.02	24.11	24.00	24.7	0.0
40	QPSK	108	108	23.10	23.24	23.13	23.7	1.0
40	QPSK	216	0	23.17	23.20	23.16		
40	16QAM	1	1	23.27	23.34	23.25	23.7	1.0
40	64QAM	1	1	21.34	21.38	21.25	22.2	2.5
40	256QAM	1	1	19.75	19.80	19.72	20.2	4.5
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	24.11	24.16	24.04	24.7	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	24.17	24.23	24.08	24.7	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	24.09	24.15	24.09	24.7	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	24.19	24.21	24.12	24.7	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	24.10	24.21	24.12	24.7	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	24.14	24.16	24.03	24.7	0.0

n38 Ant2 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	25.26	25.14	25.7	0.0
40	PI/2 BPSK	1	53	25.09	25.18	25.05		
40	PI/2 BPSK	1	104	25.20	25.31	25.22		
40	PI/2 BPSK	50	0	24.70	24.77	24.73	25.2	0.5
40	PI/2 BPSK	50	28	25.12	25.22	25.11	25.7	0.0
40	PI/2 BPSK	50	56	24.60	24.71	24.61	25.2	0.5
40	PI/2 BPSK	100	0	24.71	24.74	24.62		
40	QPSK	1	1	25.20	25.34	25.26	25.7	0.0
40	QPSK	1	53	25.08	25.22	25.08		
40	QPSK	1	104	25.17	25.30	25.18		
40	QPSK	50	0	24.25	24.28	24.19	24.7	1.0
40	QPSK	50	28	25.17	25.21	25.09	25.7	0.0
40	QPSK	50	56	24.10	24.14	24.05	24.7	1.0
40	QPSK	100	0	24.09	24.22	24.11		
40	16QAM	1	1	24.16	24.24	24.17	24.7	1.0
40	64QAM	1	1	22.56	22.64	22.53	23.2	2.5
40	256QAM	1	1	20.72	20.76	20.68	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	25.15	25.20	25.18	25.7	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	25.12	25.22	25.19	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	25.16	25.20	25.19	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	25.07	25.26	25.17	25.7	0.0

n41 Ant2 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	25.17	25.31	25.21	25.7	0.0
100	PI/2 BPSK	1	137	25.18	25.33	25.27		
100	PI/2 BPSK	1	271	25.19	25.34	25.25		
100	PI/2 BPSK	135	0	24.66	24.79	24.73	25.2	0.5
100	PI/2 BPSK	135	69	25.18	25.28	25.23	25.7	0.0
100	PI/2 BPSK	135	138	24.69	24.81	24.75	25.2	0.5
100	PI/2 BPSK	270	0	24.64	24.78	24.75		
100	QPSK	1	1	24.96	25.38	25.28	25.7	0.0
100	QPSK	1	137	25.17	25.28	25.24		
100	QPSK	1	271	25.10	25.20	25.07		
100	QPSK	135	0	24.17	24.25	24.14	24.7	1.0
100	QPSK	135	69	25.14	25.28	25.22	25.7	0.0
100	QPSK	135	138	24.22	24.34	24.20	24.7	1.0
100	QPSK	270	0	24.16	24.25	24.11		
100	16QAM	1	1	24.11	24.22	24.17	24.7	1.0
100	64QAM	1	1	22.49	22.58	22.53	23.2	2.5
100	256QAM	1	1	20.75	20.78	20.70	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	25.24	25.26	25.20	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	25.27	25.26	25.19	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	25.21	25.32	25.22	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	25.19	25.31	25.24	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	25.22	25.32	25.19	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	25.19	25.28	25.15	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	25.23	25.24	25.19	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	25.27	25.30	25.15	25.7	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	22.17	22.27	22.20	23.5	0.0
40	PI/2 BPSK	1	108	22.17	22.22	22.12		
40	PI/2 BPSK	1	214	22.19	22.26	22.21		
40	PI/2 BPSK	108	0	21.65	21.72	21.64	23.0	0.5
40	PI/2 BPSK	108	54	22.09	22.18	22.05	23.5	0.0
40	PI/2 BPSK	108	108	21.59	21.64	21.57	23.0	0.5
40	PI/2 BPSK	216	0	21.56	21.71	21.57		
40	QPSK	1	1	22.20	22.32	22.12	23.5	0.0
40	QPSK	1	108	22.14	22.20	22.13		
40	QPSK	1	214	22.24	22.29	22.25		
40	QPSK	108	0	21.09	21.23	21.13	22.5	1.0
40	QPSK	108	54	22.15	22.26	22.13	23.5	0.0
40	QPSK	108	108	21.02	21.16	21.09	22.5	1.0
40	QPSK	216	0	21.17	21.23	21.03		
40	16QAM	1	1	21.29	21.37	21.27	22.5	1.0
40	64QAM	1	1	19.71	19.75	19.67	21.0	2.5
40	256QAM	1	1	17.78	17.84	17.73	19.0	4.5
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	22.17	22.24	22.02	23.5	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	22.05	22.22	22.04	23.5	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	22.11	22.20	22.08	23.5	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	22.06	22.24	22.00	23.5	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	22.09	22.17	22.02	23.5	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	22.15	22.21	22.02	23.5	0.0

n38 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				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	22.89	22.92	22.80	24.3	0.0
40	PI/2 BPSK	1	53	22.79	22.89	22.78		
40	PI/2 BPSK	1	104	22.76	22.86	22.80		
40	PI/2 BPSK	50	0	22.26	22.37	22.25	23.8	0.5
40	PI/2 BPSK	50	28	22.78	22.88	22.83	24.3	0.0
40	PI/2 BPSK	50	56	22.31	22.35	22.27	23.8	0.5
40	PI/2 BPSK	100	0	22.08	22.21	22.16		
40	QPSK	1	1	22.81	22.94	22.88	24.3	0.0
40	QPSK	1	53	22.85	22.92	22.83		
40	QPSK	1	104	22.76	22.85	22.79		
40	QPSK	50	0	21.91	21.95	21.91	23.3	1.0
40	QPSK	50	28	22.82	22.89	22.78	24.3	0.0
40	QPSK	50	56	21.74	21.85	21.70	23.3	1.0
40	QPSK	100	0	21.90	22.01	21.86		
40	16QAM	1	1	21.82	21.89	21.83	23.3	1.0
40	64QAM	1	1	20.31	20.39	20.32	21.8	2.5
40	256QAM	1	1	18.40	18.54	18.41	19.8	4.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	22.74	22.80	22.83	24.3	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	22.70	22.86	22.76	24.3	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	22.78	22.83	22.84	24.3	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	22.73	22.82	22.78	24.3	0.0

n41 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				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	22.86	22.92	22.84	24.5	0.0
100	PI/2 BPSK	1	137	22.77	22.90	22.77		
100	PI/2 BPSK	1	271	22.72	22.84	22.71		
100	PI/2 BPSK	135	0	22.29	22.39	22.31	24.0	0.5
100	PI/2 BPSK	135	69	22.75	22.87	22.76	24.5	0.0
100	PI/2 BPSK	135	138	22.08	22.22	22.08	24.0	0.5
100	PI/2 BPSK	270	0	22.19	22.33	22.29		
100	QPSK	1	1	22.69	22.98	22.88	24.5	0.0
100	QPSK	1	137	22.74	22.87	22.73		
100	QPSK	1	271	22.73	22.84	22.79		
100	QPSK	135	0	21.81	21.85	21.70	23.5	1.0
100	QPSK	135	69	22.79	22.90	22.83	24.5	0.0
100	QPSK	135	138	21.69	21.76	21.67	23.5	1.0
100	QPSK	270	0	21.84	21.96	21.86		
100	16QAM	1	1	21.79	21.90	21.80	23.5	1.0
100	64QAM	1	1	20.39	20.45	20.38	22.0	2.5
100	256QAM	1	1	18.57	18.60	18.46	20.0	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	22.54	22.88	22.79	24.5	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	22.63	22.87	22.75	24.5	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	22.61	22.85	22.83	24.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	22.61	22.91	22.81	24.5	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	22.59	22.85	22.82	24.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	22.65	22.84	22.79	24.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	22.55	22.91	22.82	24.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	22.66	22.94	22.80	24.5	0.0

PC3 Part27O n77 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				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	24.66	24.75	24.67	26.0	0.0
100	PI/2 BPSK	1	137	24.59	24.67	24.53		
100	PI/2 BPSK	1	271	24.64	24.71	24.59		
100	PI/2 BPSK	135	0	24.19	24.24	24.07	25.5	0.5
100	PI/2 BPSK	135	69	24.54	24.66	24.59	26.0	0.0
100	PI/2 BPSK	135	138	24.12	24.17	24.01	25.5	0.5
100	PI/2 BPSK	270	0	24.09	24.20	24.17		
100	QPSK	1	1	24.72	24.79	24.68	26.0	0.0
100	QPSK	1	137	24.49	24.64	24.51		
100	QPSK	1	271	24.42	24.52	24.40		
100	QPSK	135	0	23.57	23.68	23.60	25.0	1.0
100	QPSK	135	69	24.63	24.68	24.59	26.0	0.0
100	QPSK	135	138	23.54	23.60	23.48	25.0	1.0
100	QPSK	270	0	23.66	23.70	23.62		
100	16QAM	1	1	23.71	23.84	23.80	25.0	1.0
100	64QAM	1	1	22.01	22.12	21.99	23.5	2.5
100	256QAM	1	1	20.27	20.34	20.21	21.5	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	24.60	24.64	24.56	26.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	24.67	24.71	24.55	26.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	24.56	24.67	24.59	26.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	24.62	24.74	24.56	26.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	24.65	24.65	24.58	26.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	24.70	24.71	24.60	26.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	24.66	24.76	24.62	26.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	24.62	24.67	24.55	26.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	24.58	24.69	24.53	26.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	24.67	24.72	24.58	26.0	0.0

PC2 Part27O n77 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				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	26.73	26.79	26.76	28.0	0.0
100	PI/2 BPSK	1	137	26.58	26.62	26.58		
100	PI/2 BPSK	1	271	26.65	26.70	26.61		
100	PI/2 BPSK	135	0	26.05	26.15	26.05	27.5	0.5
100	PI/2 BPSK	135	69	26.54	26.62	26.50	28.0	0.0
100	PI/2 BPSK	135	138	25.97	26.05	25.91	27.5	0.5
100	PI/2 BPSK	270	0	26.03	26.14	26.02		
100	QPSK	1	1	26.81	26.89	26.68	28.0	0.0
100	QPSK	1	137	26.60	26.74	26.67		
100	QPSK	1	271	26.49	26.66	26.57		
100	QPSK	135	0	25.64	25.68	25.65	27.0	1.0
100	QPSK	135	69	26.71	26.78	26.65	28.0	0.0
100	QPSK	135	138	25.48	25.58	25.54	27.0	1.0
100	QPSK	270	0	25.66	25.70	25.60		
100	16QAM	1	1	25.64	25.77	25.63	27.0	1.0
100	64QAM	1	1	23.84	23.95	23.84	25.5	2.5
100	256QAM	1	1	22.34	22.39	22.33	23.5	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	26.78	26.83	26.59	28.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	26.75	26.77	26.65	28.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	26.68	26.80	26.53	28.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	26.74	26.84	26.66	28.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	26.72	26.81	26.58	28.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	26.68	26.86	26.56	28.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	26.71	26.79	26.62	28.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	26.73	26.87	26.52	28.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	26.67	26.84	26.58	28.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	26.77	26.84	26.57	28.0	0.0

PC3 Part27Q n77 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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		24.71		26.0	0.0
100	PI/2 BPSK	1	137		24.76			
100	PI/2 BPSK	1	271		24.68			
100	PI/2 BPSK	135	0		24.20		25.5	0.5
100	PI/2 BPSK	135	69		24.72		26.0	0.0
100	PI/2 BPSK	135	138		24.24		25.5	0.5
100	PI/2 BPSK	270	0		24.26			
100	QPSK	1	1		24.77		26.0	0.0
100	QPSK	1	137		24.69			
100	QPSK	1	271		24.73			
100	QPSK	135	0		23.65		25.0	1.0
100	QPSK	135	69		24.70		26.0	0.0
100	QPSK	135	138		23.72		25.0	1.0
100	QPSK	270	0		23.71			
100	16QAM	1	1		23.73		25.0	1.0
100	64QAM	1	1		22.21		23.5	2.5
100	256QAM	1	1		20.22		21.5	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	24.67	24.65	24.63	26.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	24.64	24.61	24.63	26.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	24.71	24.74	24.73	26.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	24.67	24.74	24.74	26.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	24.75	24.61	24.63	26.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	24.69	24.68	24.61	26.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	24.66	24.65	24.67	26.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	24.70	24.60	24.74	26.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	24.61	24.72	24.72	26.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	24.67	24.73	24.74	26.0	0.0

PC2 Part27Q n77 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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		26.70		28.0	0.0
100	PI/2 BPSK	1	137		26.66			
100	PI/2 BPSK	1	271		26.64			
100	PI/2 BPSK	135	0		26.15		27.5	0.5
100	PI/2 BPSK	135	69		26.66		28.0	0.0
100	PI/2 BPSK	135	138		26.06		27.5	0.5
100	PI/2 BPSK	270	0		26.12			
100	QPSK	1	1		26.74		28.0	0.0
100	QPSK	1	137		26.63			
100	QPSK	1	271		26.61			
100	QPSK	135	0		25.58		27.0	1.0
100	QPSK	135	69		26.69		28.0	0.0
100	QPSK	135	138		25.54		27.0	1.0
100	QPSK	270	0		25.63			
100	16QAM	1	1		25.68		27.0	1.0
100	64QAM	1	1		24.20		25.5	2.5
100	256QAM	1	1		22.12		23.5	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	26.59	26.58	26.71	28.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	26.62	26.61	26.70	28.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	26.66	26.63	26.63	28.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	26.61	26.68	26.62	28.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	26.58	26.68	26.60	28.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	26.70	26.70	26.64	28.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	26.57	26.71	26.69	28.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	26.71	26.65	26.59	28.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	26.60	26.63	26.66	28.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	26.68	26.69	26.60	28.0	0.0

PC3 Part27O n78 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				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		24.67		26.0	0.0
100	PI/2 BPSK	1	137		24.58			
100	PI/2 BPSK	1	271		24.64			
100	PI/2 BPSK	135	0		24.36		25.5	0.5
100	PI/2 BPSK	135	69		24.67		26.0	0.0
100	PI/2 BPSK	135	138		24.28		25.5	0.5
100	PI/2 BPSK	270	0		24.33			
100	QPSK	1	1		24.69		26.0	0.0
100	QPSK	1	137		24.67			
100	QPSK	1	271		24.62			
100	QPSK	135	0		23.78		25.0	1.0
100	QPSK	135	69		24.64		26.0	0.0
100	QPSK	135	138		23.75		25.0	1.0
100	QPSK	270	0		23.74			
100	16QAM	1	1		23.68		25.0	1.0
100	64QAM	1	1		22.21		23.5	2.5
100	256QAM	1	1		20.26		21.5	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	24.65	24.56	24.52	26.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	24.57	24.57	24.57	26.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	24.64	24.60	24.64	26.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	24.67	24.62	24.63	26.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	24.52	24.61	24.55	26.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	24.61	24.63	24.59	26.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	24.60	24.54	24.60	26.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	24.66	24.66	24.56	26.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	24.61	24.65	24.66	26.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	24.55	24.53	24.67	26.0	0.0

PC2 Part27O n78 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				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		26.78		28.0	0.0
100	PI/2 BPSK	1	137		26.72			
100	PI/2 BPSK	1	271		26.70			
100	PI/2 BPSK	135	0		26.26		27.5	0.5
100	PI/2 BPSK	135	69		26.76		28.0	0.0
100	PI/2 BPSK	135	138		26.27		27.5	0.5
100	PI/2 BPSK	270	0		26.28			
100	QPSK	1	1		26.80		28.0	0.0
100	QPSK	1	137		26.76			
100	QPSK	1	271		26.78			
100	QPSK	135	0		25.74		27.0	1.0
100	QPSK	135	69		26.72		28.0	0.0
100	QPSK	135	138		25.76		27.0	1.0
100	QPSK	270	0		25.74			
100	16QAM	1	1		25.96		27.0	1.0
100	64QAM	1	1		24.33		25.5	2.5
100	256QAM	1	1		22.24		23.5	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	26.74	26.78	26.74	28.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	26.68	26.71	26.72	28.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	26.67	26.66	26.78	28.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	26.78	26.76	26.71	28.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	26.72	26.63	26.67	28.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	26.65	26.66	26.63	28.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	26.76	26.77	26.67	28.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	26.76	26.76	26.76	28.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	26.63	26.68	26.71	28.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	26.76	26.76	26.75	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		24.60		26.0	0.0
100	PI/2 BPSK	1	137		24.53			
100	PI/2 BPSK	1	271		24.60			
100	PI/2 BPSK	135	0		24.27		25.5	0.5
100	PI/2 BPSK	135	69		24.58		26.0	0.0
100	PI/2 BPSK	135	138		24.21		25.5	0.5
100	PI/2 BPSK	270	0		24.24			
100	QPSK	1	1		24.64		26.0	0.0
100	QPSK	1	137		24.58			
100	QPSK	1	271		24.45			
100	QPSK	135	0		23.71		25.0	1.0
100	QPSK	135	69		24.56		26.0	0.0
100	QPSK	135	138		23.62		25.0	1.0
100	QPSK	270	0		23.67			
100	16QAM	1	1		23.62		25.0	1.0
100	64QAM	1	1		21.94		23.5	2.5
100	256QAM	1	1		20.22		21.5	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	24.59	24.52	24.60	26.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	24.49	24.48	24.55	26.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	24.48	24.59	24.54	26.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	24.52	24.56	24.54	26.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	24.54	24.49	24.61	26.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	24.56	24.51	24.58	26.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	24.47	24.55	24.50	26.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	24.60	24.52	24.53	26.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	24.57	24.62	24.52	26.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	24.51	24.60	24.53	26.0	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		26.63		28.0	0.0
100	PI/2 BPSK	1	137		26.60			
100	PI/2 BPSK	1	271		26.58			
100	PI/2 BPSK	135	0		26.17		27.5	0.5
100	PI/2 BPSK	135	69		26.64		28.0	0.0
100	PI/2 BPSK	135	138		26.14		27.5	0.5
100	PI/2 BPSK	270	0		26.12			
100	QPSK	1	1		26.70		28.0	0.0
100	QPSK	1	137		26.61			
100	QPSK	1	271		26.66			
100	QPSK	135	0		25.59		27.0	1.0
100	QPSK	135	69		26.62		28.0	0.0
100	QPSK	135	138		25.68		27.0	1.0
100	QPSK	270	0		25.59			
100	16QAM	1	1		25.59		27.0	1.0
100	64QAM	1	1		23.95		25.5	2.5
100	256QAM	1	1		22.39		23.5	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	26.67	26.63	26.53	28.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	26.62	26.65	26.56	28.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	26.58	26.67	26.56	28.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	26.56	26.66	26.62	28.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	26.59	26.64	26.57	28.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	26.64	26.57	26.59	28.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	26.63	26.61	26.66	28.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	26.61	26.62	26.63	28.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	26.64	26.54	26.57	28.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	26.59	26.54	26.63	28.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Tune-up limit (dBm)	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	23.29	23.42	25.1	22.55	24.0	0.0
100	PI/2 BPSK	1	137	23.23	23.33		22.40		
100	PI/2 BPSK	1	271	23.32	23.47		22.52		
100	PI/2 BPSK	135	0	22.87	22.97	24.6	22.03	24.0	0.0
100	PI/2 BPSK	135	69	23.33	23.37	25.1	22.40	24.0	0.0
100	PI/2 BPSK	135	138	22.92	23.05	24.6	22.13	24.0	0.0
100	PI/2 BPSK	270	0	22.86	22.89		21.98		
100	QPSK	1	1	23.52	23.56	25.1	22.58	24.0	0.0
100	QPSK	1	137	23.30	23.42		22.45		
100	QPSK	1	271	23.39	23.48		22.57		
100	QPSK	135	0	22.29	22.32	24.1	21.42	24.0	0.0
100	QPSK	135	69	23.47	23.54	25.1	22.68	24.0	0.0
100	QPSK	135	138	22.37	22.33	24.1	21.39	24.0	0.0
100	QPSK	270	0	22.26	22.38		21.49		
100	16QAM	1	1	22.46	22.53	24.1	21.67	24.0	0.0
100	64QAM	1	1	20.97	21.01	22.6	20.11	24.0	0.0
100	256QAM	1	1	19.05	19.15	20.6	18.25	24.0	0.0
Channel				649668	656000	Tune-up limit (dBm)	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840		3935.01		
90	QPSK	1	1	23.44	23.54	25.1	22.56	24.0	0.0
Channel				649334	656000	Tune-up limit (dBm)	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840		3940.02		
80	QPSK	1	1	23.37	23.45	25.1	22.45	24.0	0.0
Channel				649000	656000	Tune-up limit (dBm)	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840		3945		
70	QPSK	1	1	23.49	23.47	25.1	22.45	24.0	0.0
Channel				648668	656000	Tune-up limit (dBm)	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840		3950.01		
60	QPSK	1	1	23.45	23.39	25.1	22.51	24.0	0.0
Channel				648334	656000	Tune-up limit (dBm)	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840		3955.02		
50	QPSK	1	1	23.38	23.50	25.1	22.44	24.0	0.0
Channel				648000	656000	Tune-up limit (dBm)	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840		3960		
40	QPSK	1	1	23.35	23.46	25.1	22.47	24.0	0.0
Channel				647668	656000	Tune-up limit (dBm)	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840		3965.01		
30	QPSK	1	1	23.47	23.46	25.1	22.42	24.0	0.0
Channel				647334	656000	Tune-up limit (dBm)	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840		3970.02		
20	QPSK	1	1	23.38	23.39	25.1	22.54	24.0	0.0
Channel				647168	656000	Tune-up limit (dBm)	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840		3972.51		
15	QPSK	1	1	23.41	23.41	25.1	22.49	24.0	0.0
Channel				647000	656000	Tune-up limit (dBm)	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840		3975		
10	QPSK	1	1	23.45	23.42	25.1	22.45	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Tune-up limit (dBm)	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000		662000		
Frequency (MHz)				3750	3840		3930		
100	PI/2 BPSK	1	1	25.37	25.42	27.1	24.76	26.6	0.0
100	PI/2 BPSK	1	137	25.26	25.32		24.73		
100	PI/2 BPSK	1	271	25.35	25.50		24.74		
100	PI/2 BPSK	135	0	24.75	24.87	26.6	24.73	26.6	0.0
100	PI/2 BPSK	135	69	25.30	25.37	27.1	24.65	26.6	0.0
100	PI/2 BPSK	135	138	24.86	24.95	26.6	24.64	26.6	0.0
100	PI/2 BPSK	270	0	24.77	24.90		24.74		
100	QPSK	1	1	25.40	25.56	27.1	24.83	26.6	0.0
100	QPSK	1	137	25.25	25.34		24.79		
100	QPSK	1	271	25.40	25.50		24.78		
100	QPSK	135	0	24.31	24.35	26.1	23.72	26.6	0.0
100	QPSK	135	69	25.42	25.47	27.1	24.71	26.6	0.0
100	QPSK	135	138	24.24	24.29	26.1	23.79	26.6	0.0
100	QPSK	270	0	24.23	24.40		23.77		
100	16QAM	1	1	24.36	24.44	26.1	23.72	26.6	0.0
100	64QAM	1	1	22.83	22.95	24.6	22.40	26.6	0.0
100	256QAM	1	1	20.99	21.03	22.6	20.41	26.6	0.0
Channel				649668	656000	Tune-up limit (dBm)	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840		3935.01		
90	QPSK	1	1	25.24	25.48	27.1	24.71	26.6	0.0
Channel				649334	656000	Tune-up limit (dBm)	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840		3940.02		
80	QPSK	1	1	25.26	25.52	27.1	24.71	26.6	0.0
Channel				649000	656000	Tune-up limit (dBm)	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840		3945		
70	QPSK	1	1	25.32	25.42	27.1	24.70	26.6	0.0
Channel				648668	656000	Tune-up limit (dBm)	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840		3950.01		
60	QPSK	1	1	25.37	25.46	27.1	24.69	26.6	0.0
Channel				648334	656000	Tune-up limit (dBm)	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840		3955.02		
50	QPSK	1	1	25.34	25.41	27.1	24.66	26.6	0.0
Channel				648000	656000	Tune-up limit (dBm)	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840		3960		
40	QPSK	1	1	25.28	25.47	27.1	24.64	26.6	0.0
Channel				647668	656000	Tune-up limit (dBm)	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840		3965.01		
30	QPSK	1	1	25.35	25.51	27.1	24.67	26.6	0.0
Channel				647334	656000	Tune-up limit (dBm)	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840		3970.02		
20	QPSK	1	1	25.36	25.48	27.1	24.63	26.6	0.0
Channel				647168	656000	Tune-up limit (dBm)	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840		3972.51		
15	QPSK	1	1	25.27	25.45	27.1	24.67	26.6	0.0
Channel				647000	656000	Tune-up limit (dBm)	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840		3975		
10	QPSK	1	1	25.33	25.42	27.1	24.67	26.6	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		23.39		25.1	0.0
100	PI/2 BPSK	1	137		23.41			
100	PI/2 BPSK	1	271		23.45			
100	PI/2 BPSK	135	0		22.83		24.6	0.5
100	PI/2 BPSK	135	69		23.38		25.1	0.0
100	PI/2 BPSK	135	138		22.92		24.6	0.5
100	PI/2 BPSK	270	0		22.82			
100	QPSK	1	1		23.54		25.1	0.0
100	QPSK	1	137		23.38			
100	QPSK	1	271		23.53			
100	QPSK	135	0		22.30		24.1	1.0
100	QPSK	135	69		23.31		25.1	0.0
100	QPSK	135	138		22.41		24.1	1.0
100	QPSK	270	0		22.42			
100	16QAM	1	1		22.58		24.1	1.0
100	64QAM	1	1		20.92		22.6	2.5
100	256QAM	1	1		18.79		20.6	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	23.46	23.41	23.49	25.1	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	23.49	23.44	23.43	25.1	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	23.40	23.38	23.42	25.1	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	23.41	23.45	23.37	25.1	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	23.44	23.45	23.38	25.1	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	23.39	23.40	23.38	25.1	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	23.51	23.43	23.46	25.1	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	23.39	23.47	23.46	25.1	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	23.45	23.38	23.37	25.1	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	23.38	23.52	23.40	25.1	0.0

PC2 Part27Q n77 Ant7 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		25.32		27.1	0.0
100	PI/2 BPSK	1	137		25.23			
100	PI/2 BPSK	1	271		25.49			
100	PI/2 BPSK	135	0		24.86		26.6	0.5
100	PI/2 BPSK	135	69		25.31		27.1	0.0
100	PI/2 BPSK	135	138		24.92		26.6	0.5
100	PI/2 BPSK	270	0		24.80			
100	QPSK	1	1		25.55		27.1	0.0
100	QPSK	1	137		25.35			
100	QPSK	1	271		25.46			
100	QPSK	135	0		24.28		26.1	1.0
100	QPSK	135	69		25.37		27.1	0.0
100	QPSK	135	138		24.41		26.1	1.0
100	QPSK	270	0		24.47			
100	16QAM	1	1		24.39		26.1	1.0
100	64QAM	1	1		22.89		24.6	2.5
100	256QAM	1	1		20.76		22.6	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	25.48	25.51	25.42	27.1	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	25.43	25.48	25.50	27.1	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	25.48	25.40	25.40	27.1	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	25.45	25.39	25.48	27.1	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	25.44	25.40	25.49	27.1	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	25.43	25.49	25.42	27.1	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	25.50	25.49	25.38	27.1	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	25.44	25.47	25.44	27.1	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	25.48	25.42	25.50	27.1	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	25.51	25.45	25.51	27.1	0.0

PC3 Part27O n78 Ant7 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		23.28		25.1	0.0
100	PI/2 BPSK	1	137		23.20			
100	PI/2 BPSK	1	271		23.16			
100	PI/2 BPSK	135	0		22.71		24.6	0.5
100	PI/2 BPSK	135	69		23.20		25.1	0.0
100	PI/2 BPSK	135	138		22.74		24.6	0.5
100	PI/2 BPSK	270	0		22.69			
100	QPSK	1	1		23.34		25.1	0.0
100	QPSK	1	137		23.22			
100	QPSK	1	271		23.15			
100	QPSK	135	0		22.11		24.1	1.0
100	QPSK	135	69		23.15		25.1	0.0
100	QPSK	135	138		22.12		24.1	1.0
100	QPSK	270	0		22.13			
100	16QAM	1	1		22.23		24.1	1.0
100	64QAM	1	1		20.69		22.6	2.5
100	256QAM	1	1		18.65		20.6	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	23.27	23.28	23.29	25.1	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	23.21	23.31	23.18	25.1	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	23.21	23.27	23.19	25.1	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	23.29	23.29	23.31	25.1	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	23.19	23.29	23.22	25.1	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	23.26	23.28	23.29	25.1	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	23.18	23.27	23.17	25.1	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	23.22	23.21	23.21	25.1	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	23.30	23.31	23.29	25.1	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	23.20	23.23	23.28	25.1	0.0

PC2 Part27O n78 Ant7 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		25.21		27.1	0.0
100	PI/2 BPSK	1	137		25.28			
100	PI/2 BPSK	1	271		25.30			
100	PI/2 BPSK	135	0		24.64		26.6	0.5
100	PI/2 BPSK	135	69		25.24		27.1	0.0
100	PI/2 BPSK	135	138		24.79		26.6	0.5
100	PI/2 BPSK	270	0		24.65			
100	QPSK	1	1		25.31		27.1	0.0
100	QPSK	1	137		25.29			
100	QPSK	1	271		25.23			
100	QPSK	135	0		24.15		26.1	1.0
100	QPSK	135	69		25.21		27.1	0.0
100	QPSK	135	138		24.32		26.1	1.0
100	QPSK	270	0		24.22			
100	16QAM	1	1		24.17		26.1	1.0
100	64QAM	1	1		22.82		24.6	2.5
100	256QAM	1	1		20.70		22.6	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	25.16	25.28	25.21	27.1	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	25.15	25.20	25.26	27.1	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	25.25	25.29	25.20	27.1	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	25.17	25.20	25.18	27.1	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	25.28	25.29	25.25	27.1	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	25.23	25.17	25.28	27.1	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	25.17	25.28	25.24	27.1	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	25.15	25.18	25.25	27.1	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	25.19	25.18	25.14	27.1	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	25.23	25.29	25.28	27.1	0.0

PC3 Part27Q n78 Ant7 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		23.45		25.1	0.0
100	PI/2 BPSK	1	137		23.43			
100	PI/2 BPSK	1	271		23.31			
100	PI/2 BPSK	135	0		22.89		24.6	0.5
100	PI/2 BPSK	135	69		23.33		25.1	0.0
100	PI/2 BPSK	135	138		22.86		24.6	0.5
100	PI/2 BPSK	270	0		22.78			
100	QPSK	1	1		23.51		25.1	0.0
100	QPSK	1	137		23.46			
100	QPSK	1	271		23.19			
100	QPSK	135	0		22.29		24.1	1.0
100	QPSK	135	69		23.39		25.1	0.0
100	QPSK	135	138		22.36		24.1	1.0
100	QPSK	270	0		22.34			
100	16QAM	1	1		22.16		24.1	1.0
100	64QAM	1	1		20.78		22.6	2.5
100	256QAM	1	1		18.64		20.6	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	23.40	23.37	23.35	25.1	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	23.35	23.43	23.43	25.1	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	23.42	23.37	23.42	25.1	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	23.35	23.47	23.48	25.1	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	23.42	23.43	23.48	25.1	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	23.39	23.37	23.41	25.1	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	23.45	23.46	23.34	25.1	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	23.38	23.35	23.43	25.1	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	23.47	23.38	23.45	25.1	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	23.38	23.38	23.39	25.1	0.0

PC2 Part27Q n78 Ant7 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		25.36		27.1	0.0
100	PI/2 BPSK	1	137		25.43			
100	PI/2 BPSK	1	271		25.50			
100	PI/2 BPSK	135	0		24.84		26.6	0.5
100	PI/2 BPSK	135	69		25.41		27.1	0.0
100	PI/2 BPSK	135	138		24.95		26.6	0.5
100	PI/2 BPSK	270	0		24.86			
100	QPSK	1	1		25.52		27.1	0.0
100	QPSK	1	137		25.45			
100	QPSK	1	271		25.41			
100	QPSK	135	0		24.34		26.1	1.0
100	QPSK	135	69		25.39		27.1	0.0
100	QPSK	135	138		24.46		26.1	1.0
100	QPSK	270	0		24.37			
100	16QAM	1	1		24.34		26.1	1.0
100	64QAM	1	1		22.98		24.6	2.5
100	256QAM	1	1		20.72		22.6	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	25.46	25.51	25.47	27.1	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	25.42	25.43	25.41	27.1	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	25.47	25.51	25.40	27.1	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	25.44	25.43	25.42	27.1	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	25.43	25.40	25.40	27.1	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	25.50	25.51	25.51	27.1	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	25.45	25.44	25.43	27.1	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	25.48	25.48	25.46	27.1	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	25.46	25.45	25.40	27.1	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	25.45	25.39	25.43	27.1	0.0

PC3 Part27O n77 Ant8 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	23.71	23.85	23.80	25.5	0.0
100	PI/2 BPSK	1	137	23.66	23.75	23.70		
100	PI/2 BPSK	1	271	23.74	23.77	23.65		
100	PI/2 BPSK	135	0	23.17	23.30	23.24	25.0	0.5
100	PI/2 BPSK	135	69	23.68	23.78	23.63	25.5	0.0
100	PI/2 BPSK	135	138	23.22	23.27	23.11	25.0	0.5
100	PI/2 BPSK	270	0	23.25	23.33	23.24		
100	QPSK	1	1	23.85	23.92	23.72	25.5	0.0
100	QPSK	1	137	23.71	23.83	23.76		
100	QPSK	1	271	23.74	23.85	23.73		
100	QPSK	135	0	22.87	22.92	22.76	24.5	1.0
100	QPSK	135	69	23.81	23.89	23.69	25.5	0.0
100	QPSK	135	138	22.73	22.82	22.72	24.5	1.0
100	QPSK	270	0	22.78	22.83	22.66		
100	16QAM	1	1	22.56	22.61	22.58	24.5	1.0
100	64QAM	1	1	21.25	21.30	21.21	23.0	2.5
100	256QAM	1	1	19.25	19.41	19.37	21.0	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	23.81	23.80	23.67	25.5	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	23.78	23.81	23.57	25.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	23.83	23.83	23.63	25.5	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	23.74	23.83	23.65	25.5	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	23.70	23.79	23.55	25.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	23.79	23.86	23.59	25.5	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	23.71	23.80	23.60	25.5	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	23.69	23.81	23.63	25.5	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	23.82	23.87	23.67	25.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	23.78	23.88	23.57	25.5	0.0

PC2 Part27O n77 Ant8 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	25.72	25.87	25.82	27.5	0.0
100	PI/2 BPSK	1	137	25.86	25.94	25.82		
100	PI/2 BPSK	1	271	25.91	26.00	25.86		
100	PI/2 BPSK	135	0	25.31	25.47	25.37	27.0	0.5
100	PI/2 BPSK	135	69	25.77	25.92	25.77	27.5	0.0
100	PI/2 BPSK	135	138	25.30	25.44	25.39	27.0	0.5
100	PI/2 BPSK	270	0	25.36	25.45	25.30		
100	QPSK	1	1	25.96	26.01	25.83	27.5	0.0
100	QPSK	1	137	25.86	25.93	25.91		
100	QPSK	1	271	25.93	25.99	25.95		
100	QPSK	135	0	24.78	24.95	24.80	26.5	1.0
100	QPSK	135	69	25.81	25.87	25.70	27.5	0.0
100	QPSK	135	138	24.77	24.88	24.84	26.5	1.0
100	QPSK	270	0	24.81	24.86	24.69		
100	16QAM	1	1	24.89	24.98	24.89	26.5	1.0
100	64QAM	1	1	23.50	23.62	23.50	25.0	2.5
100	256QAM	1	1	21.41	21.53	21.47	23.0	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	25.87	25.98	25.79	27.5	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	25.81	25.95	25.74	27.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	25.87	25.99	25.79	27.5	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	25.90	25.87	25.67	27.5	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	25.91	25.96	25.67	27.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	25.86	25.87	25.71	27.5	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	25.81	25.96	25.76	27.5	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	25.84	25.96	25.72	27.5	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	25.92	25.87	25.72	27.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	25.82	25.97	25.80	27.5	0.0

PC3 Part27Q n77 Ant8 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		23.78		25.5	0.0
100	PI/2 BPSK	1	137		23.62			
100	PI/2 BPSK	1	271		23.67			
100	PI/2 BPSK	135	0		23.06		25.0	0.5
100	PI/2 BPSK	135	69		23.66		25.5	0.0
100	PI/2 BPSK	135	138		23.22		25.0	0.5
100	PI/2 BPSK	270	0		23.11			
100	QPSK	1	1		23.80		25.5	0.0
100	QPSK	1	137		23.65			
100	QPSK	1	271		23.72			
100	QPSK	135	0		22.59		24.5	1.0
100	QPSK	135	69		23.76		25.5	0.0
100	QPSK	135	138		22.71		24.5	1.0
100	QPSK	270	0		22.68			
100	16QAM	1	1		22.78		24.5	1.0
100	64QAM	1	1		21.32		23.0	2.5
100	256QAM	1	1		19.21		21.0	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	23.69	23.70	23.62	25.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	23.73	23.72	23.68	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	23.65	23.65	23.69	25.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	23.59	23.72	23.61	25.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	23.69	23.70	23.72	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	23.68	23.77	23.74	25.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	23.72	23.71	23.71	25.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	23.71	23.76	23.69	25.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	23.70	23.70	23.65	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	23.71	23.68	23.72	25.5	0.0

PC2 Part27Q n77 Ant8 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		25.80		27.5	0.0
100	PI/2 BPSK	1	137		25.64			
100	PI/2 BPSK	1	271		25.77			
100	PI/2 BPSK	135	0		25.10		27.0	0.5
100	PI/2 BPSK	135	69		25.62		27.5	0.0
100	PI/2 BPSK	135	138		25.15		27.0	0.5
100	PI/2 BPSK	270	0		25.11			
100	QPSK	1	1		25.84		27.5	0.0
100	QPSK	1	137		25.70			
100	QPSK	1	271		25.80			
100	QPSK	135	0		24.69		26.5	1.0
100	QPSK	135	69		25.63		27.5	0.0
100	QPSK	135	138		24.71		26.5	1.0
100	QPSK	270	0		24.78			
100	16QAM	1	1		24.76		26.5	1.0
100	64QAM	1	1		23.37		25.0	2.5
100	256QAM	1	1		21.29		23.0	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	25.69	25.80	25.79	27.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	25.62	25.80	25.76	27.5	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	25.76	25.67	25.64	27.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	25.63	25.68	25.79	27.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	25.64	25.78	25.67	27.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	25.65	25.67	25.77	27.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	25.71	25.75	25.79	27.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	25.67	25.79	25.75	27.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	25.66	25.75	25.69	27.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	25.64	25.78	25.67	27.5	0.0

PC3 Part27O n78 Ant8 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		23.74		25.5	0.0
100	PI/2 BPSK	1	137		23.78			
100	PI/2 BPSK	1	271		23.82			
100	PI/2 BPSK	135	0		23.35		25.0	0.5
100	PI/2 BPSK	135	69		23.80		25.5	0.0
100	PI/2 BPSK	135	138		23.29		25.0	0.5
100	PI/2 BPSK	270	0		23.38			
100	QPSK	1	1		23.88		25.5	0.0
100	QPSK	1	137		23.76			
100	QPSK	1	271		23.84			
100	QPSK	135	0		22.84		24.5	1.0
100	QPSK	135	69		23.85		25.5	0.0
100	QPSK	135	138		22.82		24.5	1.0
100	QPSK	270	0		22.87			
100	16QAM	1	1		22.82		24.5	1.0
100	64QAM	1	1		21.34		23.0	2.5
100	256QAM	1	1		19.47		21.0	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	23.72	23.73	23.76	25.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	23.78	23.77	23.72	25.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	23.71	23.83	23.76	25.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	23.73	23.81	23.77	25.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	23.80	23.72	23.71	25.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	23.72	23.72	23.82	25.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	23.77	23.83	23.80	25.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	23.68	23.84	23.69	25.5	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	23.71	23.85	23.80	25.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	23.80	23.78	23.79	25.5	0.0

PC2 Part27O n78 Ant8 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		25.80		27.5	0.0
100	PI/2 BPSK	1	137		25.78			
100	PI/2 BPSK	1	271		25.82			
100	PI/2 BPSK	135	0		25.27		27.0	0.5
100	PI/2 BPSK	135	69		25.79		27.5	0.0
100	PI/2 BPSK	135	138		25.24		27.0	0.5
100	PI/2 BPSK	270	0		25.25			
100	QPSK	1	1		25.84		27.5	0.0
100	QPSK	1	137		25.78			
100	QPSK	1	271		25.82			
100	QPSK	135	0		24.76		26.5	1.0
100	QPSK	135	69		25.79		27.5	0.0
100	QPSK	135	138		24.87		26.5	1.0
100	QPSK	270	0		24.82			
100	16QAM	1	1		24.89		26.5	1.0
100	64QAM	1	1		23.28		25.0	2.5
100	256QAM	1	1		21.44		23.0	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	25.76	25.71	25.78	27.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	25.67	25.79	25.78	27.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	25.63	25.73	25.71	27.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	25.74	25.74	25.78	27.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	25.67	25.80	25.68	27.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	25.75	25.69	25.72	27.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	25.76	25.68	25.68	27.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	25.66	25.77	25.76	27.5	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	25.68	25.73	25.79	27.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	25.73	25.76	25.68	27.5	0.0

PC3 Part27Q n78 Ant8 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		23.78		25.5	0.0
100	PI/2 BPSK	1	137		23.73			
100	PI/2 BPSK	1	271		23.75			
100	PI/2 BPSK	135	0		23.24		25.0	0.5
100	PI/2 BPSK	135	69		23.75		25.5	0.0
100	PI/2 BPSK	135	138		23.39		25.0	0.5
100	PI/2 BPSK	270	0		23.30			
100	QPSK	1	1		23.79		25.5	0.0
100	QPSK	1	137		23.68			
100	QPSK	1	271		23.74			
100	QPSK	135	0		22.68		24.5	1.0
100	QPSK	135	69		23.70		25.5	0.0
100	QPSK	135	138		22.84		24.5	1.0
100	QPSK	270	0		22.76			
100	16QAM	1	1		22.86		24.5	1.0
100	64QAM	1	1		21.32		23.0	2.5
100	256QAM	1	1		19.34		21.0	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	23.64	23.76	23.63	25.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	23.64	23.77	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	23.74	23.68	23.63	25.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	23.69	23.78	23.63	25.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	23.65	23.71	23.62	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	23.69	23.72	23.70	25.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	23.73	23.76	23.65	25.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	23.62	23.73	23.72	25.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	23.72	23.75	23.61	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	23.67	23.74	23.65	25.5	0.0

PC2 Part27Q n78 Ant8 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		25.75		27.5	0.0
100	PI/2 BPSK	1	137		25.70			
100	PI/2 BPSK	1	271		25.78			
100	PI/2 BPSK	135	0		25.18		27.0	0.5
100	PI/2 BPSK	135	69		25.66		27.5	0.0
100	PI/2 BPSK	135	138		25.38		27.0	0.5
100	PI/2 BPSK	270	0		25.06			
100	QPSK	1	1		25.80		27.5	0.0
100	QPSK	1	137		25.75			
100	QPSK	1	271		25.72			
100	QPSK	135	0		24.65		26.5	1.0
100	QPSK	135	69		25.70		27.5	0.0
100	QPSK	135	138		24.78		26.5	1.0
100	QPSK	270	0		24.68			
100	16QAM	1	1		24.74		26.5	1.0
100	64QAM	1	1		23.25		25.0	2.5
100	256QAM	1	1		21.28		23.0	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	25.66	25.69	25.69	27.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	25.73	25.75	25.72	27.5	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	25.68	25.77	25.61	27.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	25.69	25.66	25.75	27.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	25.61	25.64	25.69	27.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	25.69	25.76	25.66	27.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	25.71	25.76	25.71	27.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	25.65	25.69	25.74	27.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	25.73	25.72	25.64	27.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	25.71	25.65	25.62	27.5	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	19.93	19.99	19.50	21.0	0.0
100	PI/2 BPSK	1	137	19.92	20.01	19.58		
100	PI/2 BPSK	1	271	19.94	19.98	19.46		
100	PI/2 BPSK	135	0	19.21	19.37	18.88	20.5	0.5
100	PI/2 BPSK	135	69	19.83	19.98	19.51	21.0	0.0
100	PI/2 BPSK	135	138	19.44	19.49	19.02	20.5	0.5
100	PI/2 BPSK	270	0	19.31	19.36	18.80		
100	QPSK	1	1	20.01	20.09	19.54	21.0	0.0
100	QPSK	1	137	19.85	19.92	19.42		
100	QPSK	1	271	19.90	20.05	19.51		
100	QPSK	135	0	18.81	18.92	18.42	20.0	1.0
100	QPSK	135	69	19.90	20.02	19.47	21.0	0.0
100	QPSK	135	138	18.83	18.93	18.38	20.0	1.0
100	QPSK	270	0	18.86	18.98	18.48		
100	16QAM	1	1	18.82	18.86	18.37	20.0	1.0
100	64QAM	1	1	17.29	17.37	16.94	18.5	2.5
100	256QAM	1	1	15.37	15.51	15.02	16.5	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	19.93	20.04	19.46	21.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	19.95	20.05	19.46	21.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	19.89	19.98	19.46	21.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	19.87	19.92	19.46	21.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	19.92	19.96	19.39	21.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	19.97	19.99	19.49	21.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	19.98	19.93	19.44	21.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	19.91	19.97	19.41	21.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	19.96	20.04	19.51	21.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	19.94	20.02	19.42	21.0	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	21.73	21.84	21.59	23.5	0.0
100	PI/2 BPSK	1	137	21.91	21.94	21.56		
100	PI/2 BPSK	1	271	21.87	21.93	21.51		
100	PI/2 BPSK	135	0	21.23	21.31	21.12	23.0	0.5
100	PI/2 BPSK	135	69	21.62	21.77	21.51	23.5	0.0
100	PI/2 BPSK	135	138	21.20	21.30	21.10	23.0	0.5
100	PI/2 BPSK	270	0	21.27	21.34	21.10		
100	QPSK	1	1	21.95	22.00	21.53	23.5	0.0
100	QPSK	1	137	21.85	21.97	21.62		
100	QPSK	1	271	21.85	21.96	21.58		
100	QPSK	135	0	20.64	20.79	20.51	22.5	1.0
100	QPSK	135	69	21.81	21.91	21.53	23.5	0.0
100	QPSK	135	138	20.71	20.77	20.54	22.5	1.0
100	QPSK	270	0	20.72	20.87	20.52		
100	16QAM	1	1	20.78	20.82	20.58	22.5	1.0
100	64QAM	1	1	19.20	19.35	19.01	21.0	2.5
100	256QAM	1	1	17.35	17.39	17.01	19.0	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	21.84	21.87	21.51	23.5	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	21.81	21.86	21.54	23.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	21.79	21.87	21.58	23.5	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	21.87	21.84	21.57	23.5	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	21.91	21.94	21.58	23.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	21.82	21.86	21.54	23.5	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	21.79	21.95	21.57	23.5	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	21.93	21.90	21.59	23.5	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	21.89	21.86	21.59	23.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	21.80	21.92	21.54	23.5	0.0

PC3 Part27Q 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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		19.76		21.0	0.0
100	PI/2 BPSK	1	137		19.73			
100	PI/2 BPSK	1	271		19.73			
100	PI/2 BPSK	135	0		19.19		20.5	0.5
100	PI/2 BPSK	135	69		19.73		21.0	0.0
100	PI/2 BPSK	135	138		19.18		20.5	0.5
100	PI/2 BPSK	270	0		19.13			
100	QPSK	1	1		19.86		21.0	0.0
100	QPSK	1	137		19.78			
100	QPSK	1	271		19.84			
100	QPSK	135	0		18.78		20.0	1.0
100	QPSK	135	69		19.78		21.0	0.0
100	QPSK	135	138		18.83		20.0	1.0
100	QPSK	270	0		18.91			
100	16QAM	1	1		18.86		20.0	1.0
100	64QAM	1	1		17.19		18.5	2.5
100	256QAM	1	1		15.30		16.5	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	19.81	19.73	19.72	21.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	19.69	19.71	19.74	21.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	19.78	19.79	19.71	21.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	19.82	19.72	19.71	21.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	19.71	19.83	19.81	21.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	19.77	19.84	19.73	21.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	19.77	19.77	19.79	21.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	19.83	19.76	19.82	21.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	19.82	19.74	19.73	21.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	19.73	19.77	19.71	21.0	0.0

PC2 Part27Q 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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		21.83		23.5	0.0
100	PI/2 BPSK	1	137		21.79			
100	PI/2 BPSK	1	271		21.87			
100	PI/2 BPSK	135	0		21.18		23.0	0.5
100	PI/2 BPSK	135	69		21.83		23.5	0.0
100	PI/2 BPSK	135	138		21.33		23.0	0.5
100	PI/2 BPSK	270	0		21.25			
100	QPSK	1	1		21.92		23.5	0.0
100	QPSK	1	137		21.89			
100	QPSK	1	271		21.87			
100	QPSK	135	0		20.95		22.5	1.0
100	QPSK	135	69		21.85		23.5	0.0
100	QPSK	135	138		20.95		22.5	1.0
100	QPSK	270	0		21.03			
100	16QAM	1	1		20.93		22.5	1.0
100	64QAM	1	1		19.21		21.0	2.5
100	256QAM	1	1		17.36		19.0	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	21.84	21.77	21.82	23.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	21.76	21.77	21.80	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	21.79	21.81	21.84	23.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	21.79	21.79	21.79	23.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	21.83	21.84	21.88	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	21.84	21.88	21.80	23.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	21.81	21.89	21.82	23.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	21.76	21.77	21.85	23.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	21.84	21.87	21.83	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	21.88	21.78	21.83	23.5	0.0

PC3 Part27O n78 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	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		19.64		21.0	0.0
100	PI/2 BPSK	1	137		19.76			
100	PI/2 BPSK	1	271		19.66			
100	PI/2 BPSK	135	0		19.16		20.5	0.5
100	PI/2 BPSK	135	69		19.58		21.0	0.0
100	PI/2 BPSK	135	138		19.09		20.5	0.5
100	PI/2 BPSK	270	0		19.15			
100	QPSK	1	1		19.80		21.0	0.0
100	QPSK	1	137		19.70			
100	QPSK	1	271		19.71			
100	QPSK	135	0		18.80		20.0	1.0
100	QPSK	135	69		19.72		21.0	0.0
100	QPSK	135	138		18.73		20.0	1.0
100	QPSK	270	0		18.89			
100	16QAM	1	1		18.80		20.0	1.0
100	64QAM	1	1		17.12		18.5	2.5
100	256QAM	1	1		15.23		16.5	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	19.77	19.70	19.71	21.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	19.72	19.68	19.67	21.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	19.74	19.76	19.68	21.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	19.71	19.74	19.69	21.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	19.69	19.76	19.73	21.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	19.65	19.71	19.63	21.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	19.71	19.64	19.73	21.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	19.64	19.78	19.70	21.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	19.72	19.65	19.72	21.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	19.67	19.65	19.78	21.0	0.0

PC2 Part27O n78 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	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		21.76		23.5	0.0
100	PI/2 BPSK	1	137		21.79			
100	PI/2 BPSK	1	271		21.68			
100	PI/2 BPSK	135	0		21.11		23.0	0.5
100	PI/2 BPSK	135	69		21.61		23.5	0.0
100	PI/2 BPSK	135	138		21.22		23.0	0.5
100	PI/2 BPSK	270	0		21.24			
100	QPSK	1	1		21.84		23.5	0.0
100	QPSK	1	137		21.73			
100	QPSK	1	271		21.69			
100	QPSK	135	0		20.74		22.5	1.0
100	QPSK	135	69		21.77		23.5	0.0
100	QPSK	135	138		20.78		22.5	1.0
100	QPSK	270	0		20.82			
100	16QAM	1	1		20.71		22.5	1.0
100	64QAM	1	1		19.19		21.0	2.5
100	256QAM	1	1		17.29		19.0	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	21.80	21.79	21.72	23.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	21.72	21.70	21.74	23.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	21.78	21.69	21.72	23.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	21.81	21.79	21.77	23.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	21.75	21.81	21.80	23.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	21.82	21.79	21.82	23.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	21.71	21.80	21.76	23.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	21.78	21.67	21.77	23.5	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	21.81	21.72	21.82	23.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	21.75	21.69	21.73	23.5	0.0

PC3 Part27Q n78 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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		19.72		21.0	0.0
100	PI/2 BPSK	1	137		19.65			
100	PI/2 BPSK	1	271		19.62			
100	PI/2 BPSK	135	0		19.13		20.5	0.5
100	PI/2 BPSK	135	69		19.66		21.0	0.0
100	PI/2 BPSK	135	138		19.11		20.5	0.5
100	PI/2 BPSK	270	0		19.14			
100	QPSK	1	1		19.78		21.0	0.0
100	QPSK	1	137		19.72			
100	QPSK	1	271		19.64			
100	QPSK	135	0		18.72		20.0	1.0
100	QPSK	135	69		19.75		21.0	0.0
100	QPSK	135	138		18.78		20.0	1.0
100	QPSK	270	0		18.89			
100	16QAM	1	1		18.84		20.0	1.0
100	64QAM	1	1		17.23		18.5	2.5
100	256QAM	1	1		15.20		16.5	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	19.67	19.62	19.64	21.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	19.71	19.62	19.61	21.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	19.61	19.70	19.68	21.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	19.73	19.62	19.73	21.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	19.65	19.66	19.68	21.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	19.69	19.72	19.69	21.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	19.67	19.75	19.72	21.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	19.63	19.69	19.76	21.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	19.66	19.74	19.62	21.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	19.73	19.69	19.62	21.0	0.0

PC2 Part27Q n78 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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		21.59		23.5	0.0
100	PI/2 BPSK	1	137		21.64			
100	PI/2 BPSK	1	271		21.59			
100	PI/2 BPSK	135	0		21.04		23.0	0.5
100	PI/2 BPSK	135	69		21.58		23.5	0.0
100	PI/2 BPSK	135	138		21.16		23.0	0.5
100	PI/2 BPSK	270	0		21.18			
100	QPSK	1	1		21.74		23.5	0.0
100	QPSK	1	137		21.63			
100	QPSK	1	271		21.61			
100	QPSK	135	0		20.86		22.5	1.0
100	QPSK	135	69		21.70		23.5	0.0
100	QPSK	135	138		20.76		22.5	1.0
100	QPSK	270	0		20.92			
100	16QAM	1	1		20.75		22.5	1.0
100	64QAM	1	1		19.10		21.0	2.5
100	256QAM	1	1		17.14		19.0	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	21.58	21.57	21.70	23.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	21.66	21.57	21.64	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	21.59	21.60	21.68	23.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	21.71	21.71	21.64	23.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	21.61	21.60	21.69	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	21.58	21.68	21.62	23.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	21.68	21.69	21.65	23.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	21.71	21.60	21.69	23.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	21.60	21.63	21.58	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	21.58	21.64	21.63	23.5	0.0

Reduced Power Mode for DSI1

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	25.07	25.12	25.05	25.7	0.0
20	PI/2 BPSK	1	53	24.96	25.09	25.02		
20	PI/2 BPSK	1	104	24.92	25.04	24.93		
20	PI/2 BPSK	50	0	24.61	24.69	24.59	25.2	0.5
20	PI/2 BPSK	50	28	25.01	25.15	25.04	25.7	0.0
20	PI/2 BPSK	50	56	24.51	24.65	24.60	25.2	0.5
20	PI/2 BPSK	100	0	24.57	24.67	24.61		
20	QPSK	1	1	25.10	25.18	25.06	25.7	0.0
20	QPSK	1	53	24.98	25.11	25.03		
20	QPSK	1	104	24.72	24.81	24.70		
20	QPSK	50	0	24.09	24.21	24.09	24.7	1.0
20	QPSK	50	28	25.12	25.16	25.11	25.7	0.0
20	QPSK	50	56	24.15	24.19	24.06	24.7	1.0
20	QPSK	100	0	24.08	24.15	24.09		
20	16QAM	1	1	23.87	23.94	23.88	24.7	1.0
20	64QAM	1	1	22.37	22.45	22.39	23.2	2.5
20	256QAM	1	1	20.73	20.78	20.71	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	25.01	25.05	24.96	25.7	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	25.06	25.03	24.96	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	25.00	25.13	24.92	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	21.32	21.43	21.34	23.0	0.0
40	PI/2 BPSK	1	108	21.33	21.41	21.36		
40	PI/2 BPSK	1	214	21.11	21.26	21.13		
40	PI/2 BPSK	108	0	20.84	20.90	20.76	22.5	0.5
40	PI/2 BPSK	108	54	21.27	21.33	21.27	23.0	0.0
40	PI/2 BPSK	108	108	20.72	20.82	20.72	22.5	0.5
40	PI/2 BPSK	216	0	20.73	20.86	20.76		
40	QPSK	1	1	21.39	21.45	21.37	23.0	0.0
40	QPSK	1	108	21.30	21.34	21.24		
40	QPSK	1	214	21.19	21.24	21.17		
40	QPSK	108	0	20.35	20.42	20.28	22.0	1.0
40	QPSK	108	54	21.27	21.40	21.27	23.0	0.0
40	QPSK	108	108	20.31	20.37	20.26	22.0	1.0
40	QPSK	216	0	20.34	20.41	20.36		
40	16QAM	1	1	20.43	20.54	20.46	22.0	1.0
40	64QAM	1	1	18.67	18.78	18.66	20.5	2.5
40	256QAM	1	1	17.11	17.15	17.07	18.5	4.5
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	21.29	21.32	21.27	23.0	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	21.27	21.37	21.30	23.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	21.34	21.37	21.28	23.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	21.35	21.36	21.29	23.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	21.29	21.41	21.28	23.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	21.27	21.40	21.29	23.0	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	21.79	21.87	21.75	23.3	0.0
40	PI/2 BPSK	1	53	21.77	21.91	21.86		
40	PI/2 BPSK	1	104	21.87	21.90	21.79		
40	PI/2 BPSK	50	0	21.43	21.52	21.45	22.8	0.5
40	PI/2 BPSK	50	28	21.79	21.86	21.74	23.3	0.0
40	PI/2 BPSK	50	56	21.37	21.51	21.48	22.8	0.5
40	PI/2 BPSK	100	0	21.39	21.49	21.42		
40	QPSK	1	1	21.87	21.96	21.82	23.3	0.0
40	QPSK	1	53	21.87	21.93	21.81		
40	QPSK	1	104	21.87	21.90	21.86		
40	QPSK	50	0	20.91	21.02	20.95	22.3	1.0
40	QPSK	50	28	21.89	21.92	21.84	23.3	0.0
40	QPSK	50	56	20.91	21.04	21.00	22.3	1.0
40	QPSK	100	0	20.86	20.97	20.84		
40	16QAM	1	1	20.85	20.93	20.84	22.3	1.0
40	64QAM	1	1	19.22	19.33	19.23	20.8	2.5
40	256QAM	1	1	17.48	17.62	17.55	18.8	4.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	21.84	21.87	21.74	23.3	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	21.79	21.92	21.73	23.3	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	21.76	21.85	21.75	23.3	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	21.76	21.89	21.67	23.3	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	21.90	21.96	21.88	23.3	0.0
100	PI/2 BPSK	1	137	21.73	21.87	21.84		
100	PI/2 BPSK	1	271	21.71	21.78	21.68		
100	PI/2 BPSK	135	0	21.26	21.39	21.34	22.8	0.5
100	PI/2 BPSK	135	69	21.76	21.87	21.76	23.3	0.0
100	PI/2 BPSK	135	138	21.27	21.30	21.20	22.8	0.5
100	PI/2 BPSK	270	0	21.29	21.40	21.35		
100	QPSK	1	1	21.86	21.98	21.91	23.3	0.0
100	QPSK	1	137	21.86	21.94	21.87		
100	QPSK	1	271	21.53	21.66	21.62		
100	QPSK	135	0	20.81	20.92	20.81	22.3	1.0
100	QPSK	135	69	21.70	21.84	21.77	23.3	0.0
100	QPSK	135	138	20.73	20.81	20.67	22.3	1.0
100	QPSK	270	0	20.79	20.83	20.74		
100	16QAM	1	1	20.91	20.99	20.90	22.3	1.0
100	64QAM	1	1	19.55	19.61	19.57	20.8	2.5
100	256QAM	1	1	17.63	17.68	17.57	18.8	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	21.78	21.91	21.77	23.3	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	21.81	21.83	21.87	23.3	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	21.76	21.93	21.79	23.3	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	21.81	21.91	21.79	23.3	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	21.79	21.93	21.78	23.3	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	21.78	21.94	21.81	23.3	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	21.72	21.86	21.77	23.3	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	21.76	21.93	21.85	23.3	0.0

n5 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				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	20.86	20.95	20.75	22.0	0.0
20	PI/2 BPSK	1	53	20.90	20.92	20.91		
20	PI/2 BPSK	1	104	20.74	20.90	20.73		
20	PI/2 BPSK	50	0	20.84	20.94	20.91	22.0	0.0
20	PI/2 BPSK	50	28	20.82	20.88	20.75	22.0	0.0
20	PI/2 BPSK	50	56	20.84	20.91	20.88	22.0	0.0
20	PI/2 BPSK	100	0	20.88	20.93	20.88		
20	QPSK	1	1	20.99	21.12	20.94	22.0	0.0
20	QPSK	1	53	20.73	20.88	20.72		
20	QPSK	1	104	20.83	20.83	20.63		
20	QPSK	50	0	20.87	20.87	20.90	22.0	0.0
20	QPSK	50	28	20.89	20.97	20.95	22.0	0.0
20	QPSK	50	56	20.70	20.90	20.69	22.0	0.0
20	QPSK	100	0	20.77	20.91	20.82		
20	16QAM	1	1	20.77	20.77	20.63	22.0	0.0
20	64QAM	1	1	20.94	21.07	20.91	22.0	0.0
20	256QAM	1	1	19.86	19.97	19.92	21.0	1.0
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	20.84	20.96	20.81	22.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	20.89	21.07	20.92	22.0	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	20.85	20.95	20.96	22.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	16.43	16.57	16.57	17.0	0.0
40	PI/2 BPSK	1	108	16.50	16.50	16.47		
40	PI/2 BPSK	1	214	16.34	16.40	16.21		
40	PI/2 BPSK	108	0	16.33	16.55	16.39	17.0	0.0
40	PI/2 BPSK	108	54	16.24	16.40	16.37	17.0	0.0
40	PI/2 BPSK	108	108	16.40	16.42	16.38	17.0	0.0
40	PI/2 BPSK	216	0	16.42	16.50	16.50		
40	QPSK	1	1	16.60	16.61	16.58	17.0	0.0
40	QPSK	1	108	16.43	16.54	16.47		
40	QPSK	1	214	16.49	16.52	16.38		
40	QPSK	108	0	16.50	16.55	16.49	17.0	0.0
40	QPSK	108	54	16.56	16.60	16.54	17.0	0.0
40	QPSK	108	108	16.43	16.50	16.46	17.0	0.0
40	QPSK	216	0	16.44	16.54	16.46		
40	16QAM	1	1	16.56	16.60	16.42	17.0	0.0
40	64QAM	1	1	16.58	16.60	16.51	17.0	0.0
40	256QAM	1	1	16.41	16.57	16.54	17.0	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	16.41	16.54	16.56	17.0	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	16.41	16.45	16.37	17.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	16.45	16.45	16.41	17.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	16.54	16.47	16.51	17.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	16.40	16.58	16.60	17.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	16.48	16.45	16.39	17.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	16.97	17.10	17.12	18.2	0.0
40	PI/2 BPSK	1	53	16.75	16.93	16.86		
40	PI/2 BPSK	1	104	16.81	16.92	16.84		
40	PI/2 BPSK	50	0	16.78	16.99	16.78	18.2	0.0
40	PI/2 BPSK	50	28	16.70	16.87	16.80	18.2	0.0
40	PI/2 BPSK	50	56	16.67	16.87	16.75	18.2	0.0
40	PI/2 BPSK	100	0	16.79	16.92	16.91		
40	QPSK	1	1	17.05	17.13	17.08	18.2	0.0
40	QPSK	1	53	16.69	16.80	16.79		
40	QPSK	1	104	16.81	16.81	16.76		
40	QPSK	50	0	16.76	16.94	16.94	18.2	0.0
40	QPSK	50	28	16.87	17.00	16.99	18.2	0.0
40	QPSK	50	56	16.83	16.92	16.79	18.2	0.0
40	QPSK	100	0	16.90	16.96	16.86		
40	16QAM	1	1	16.75	16.86	16.70	18.2	0.0
40	64QAM	1	1	16.92	16.92	16.82	18.2	0.0
40	256QAM	1	1	16.91	16.98	16.98	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	17.05	17.12	17.08	18.2	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	16.87	17.07	17.00	18.2	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	17.02	16.94	17.09	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	16.99	16.93	17.09	18.2	0.0

n41 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				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	16.89	16.95	16.75	18.2	0.0
100	PI/2 BPSK	1	137	16.88	16.87	16.73		
100	PI/2 BPSK	1	271	16.76	16.76	16.65		
100	PI/2 BPSK	135	0	17.00	17.05	16.98	18.2	0.0
100	PI/2 BPSK	135	69	16.99	17.00	16.82	18.2	0.0
100	PI/2 BPSK	135	138	16.75	16.90	16.70	18.2	0.0
100	PI/2 BPSK	270	0	16.86	16.95	16.84		
100	QPSK	1	1	16.98	17.15	17.05	18.2	0.0
100	QPSK	1	137	16.86	16.99	16.79		
100	QPSK	1	271	16.66	16.86	16.85		
100	QPSK	135	0	16.86	16.99	16.92	18.2	0.0
100	QPSK	135	69	17.01	17.14	17.11	18.2	0.0
100	QPSK	135	138	16.79	16.93	16.94	18.2	0.0
100	QPSK	270	0	16.80	17.00	16.96		
100	16QAM	1	1	16.69	16.86	16.83	18.2	0.0
100	64QAM	1	1	16.93	17.11	17.06	18.2	0.0
100	256QAM	1	1	16.98	17.11	17.06	18.2	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	16.91	17.08	17.01	18.2	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	16.91	17.02	17.06	18.2	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	16.76	17.11	16.83	18.2	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	16.87	17.03	16.95	18.2	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	16.84	16.96	16.89	18.2	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	16.79	17.10	16.96	18.2	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	16.94	17.13	17.01	18.2	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	16.84	17.12	16.96	18.2	0.0

n7 Ant2 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	24.17	24.25	24.17	24.7	0.0
40	PI/2 BPSK	1	108	24.05	24.20	24.13		
40	PI/2 BPSK	1	214	24.08	24.22	24.13		
40	PI/2 BPSK	108	0	23.50	23.62	23.52	24.2	0.5
40	PI/2 BPSK	108	54	24.03	24.09	23.95	24.7	0.0
40	PI/2 BPSK	108	108	23.67	23.77	23.69	24.2	0.5
40	PI/2 BPSK	216	0	23.60	23.66	23.56		
40	QPSK	1	1	24.23	24.30	24.16	24.7	0.0
40	QPSK	1	108	24.12	24.26	24.11		
40	QPSK	1	214	24.08	24.22	24.17		
40	QPSK	108	0	23.10	23.13	23.09	23.7	1.0
40	QPSK	108	54	24.02	24.11	24.00	24.7	0.0
40	QPSK	108	108	23.10	23.24	23.13	23.7	1.0
40	QPSK	216	0	23.17	23.20	23.16		
40	16QAM	1	1	23.27	23.34	23.25	23.7	1.0
40	64QAM	1	1	21.34	21.38	21.25	22.2	2.5
40	256QAM	1	1	19.75	19.80	19.72	20.2	4.5
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	24.11	24.16	24.04	24.7	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	24.17	24.23	24.08	24.7	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	24.09	24.15	24.09	24.7	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	24.19	24.21	24.12	24.7	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	24.10	24.21	24.12	24.7	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	24.14	24.16	24.03	24.7	0.0

n38 Ant2 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	25.26	25.14	25.7	0.0
40	PI/2 BPSK	1	53	25.09	25.18	25.05		
40	PI/2 BPSK	1	104	25.20	25.31	25.22		
40	PI/2 BPSK	50	0	24.70	24.77	24.73	25.2	0.5
40	PI/2 BPSK	50	28	25.12	25.22	25.11	25.7	0.0
40	PI/2 BPSK	50	56	24.60	24.71	24.61	25.2	0.5
40	PI/2 BPSK	100	0	24.71	24.74	24.62		
40	QPSK	1	1	25.20	25.34	25.26	25.7	0.0
40	QPSK	1	53	25.08	25.22	25.08		
40	QPSK	1	104	25.17	25.30	25.18		
40	QPSK	50	0	24.25	24.28	24.19	24.7	1.0
40	QPSK	50	28	25.17	25.21	25.09	25.7	0.0
40	QPSK	50	56	24.10	24.14	24.05	24.7	1.0
40	QPSK	100	0	24.09	24.22	24.11		
40	16QAM	1	1	24.16	24.24	24.17	24.7	1.0
40	64QAM	1	1	22.56	22.64	22.53	23.2	2.5
40	256QAM	1	1	20.72	20.76	20.68	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	25.15	25.20	25.18	25.7	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	25.12	25.22	25.19	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	25.16	25.20	25.19	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	25.07	25.26	25.17	25.7	0.0

n41 Ant2 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	25.17	25.31	25.21	25.7	0.0
100	PI/2 BPSK	1	137	25.18	25.33	25.27		
100	PI/2 BPSK	1	271	25.19	25.34	25.25		
100	PI/2 BPSK	135	0	24.66	24.79	24.73	25.2	0.5
100	PI/2 BPSK	135	69	25.18	25.28	25.23	25.7	0.0
100	PI/2 BPSK	135	138	24.69	24.81	24.75	25.2	0.5
100	PI/2 BPSK	270	0	24.64	24.78	24.75		
100	QPSK	1	1	24.96	25.38	25.28	25.7	0.0
100	QPSK	1	137	25.17	25.28	25.24		
100	QPSK	1	271	25.10	25.20	25.07		
100	QPSK	135	0	24.17	24.25	24.14	24.7	1.0
100	QPSK	135	69	25.14	25.28	25.22	25.7	0.0
100	QPSK	135	138	24.22	24.34	24.20	24.7	1.0
100	QPSK	270	0	24.16	24.25	24.11		
100	16QAM	1	1	24.11	24.22	24.17	24.7	1.0
100	64QAM	1	1	22.49	22.58	22.53	23.2	2.5
100	256QAM	1	1	20.75	20.78	20.70	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	25.24	25.26	25.20	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	25.27	25.26	25.19	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	25.21	25.32	25.22	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	25.19	25.31	25.24	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	25.22	25.32	25.19	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	25.19	25.28	25.15	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	25.23	25.24	25.19	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	25.27	25.30	25.15	25.7	0.0

n7 Ant3 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				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	17.53	17.63	17.52	19.0	0.0
40	PI/2 BPSK	1	108	17.20	17.28	17.21		
40	PI/2 BPSK	1	214	17.16	17.25	17.21		
40	PI/2 BPSK	108	0	17.37	17.51	17.35	19.0	0.0
40	PI/2 BPSK	108	54	17.55	17.60	17.48	19.0	0.0
40	PI/2 BPSK	108	108	17.18	17.33	17.18	19.0	0.0
40	PI/2 BPSK	216	0	17.22	17.29	17.18		
40	QPSK	1	1	17.60	17.65	17.64	19.0	0.0
40	QPSK	1	108	17.42	17.51	17.38		
40	QPSK	1	214	17.20	17.37	17.26		
40	QPSK	108	0	17.34	17.55	17.50	19.0	0.0
40	QPSK	108	54	17.56	17.57	17.36	19.0	0.0
40	QPSK	108	108	17.50	17.51	17.52	19.0	0.0
40	QPSK	216	0	17.41	17.43	17.21		
40	16QAM	1	1	17.16	17.30	17.24	19.0	0.0
40	64QAM	1	1	17.26	17.41	17.38	19.0	0.0
40	256QAM	1	1	17.33	17.36	17.26	19.0	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	17.56	17.60	17.41	19.0	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	17.50	17.56	17.42	19.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	17.57	17.44	17.49	19.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	17.45	17.60	17.50	19.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	17.48	17.51	17.55	19.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	17.55	17.57	17.53	19.0	0.0

n38 Ant3 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				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	17.32	17.49	17.44	18.8	0.0
40	PI/2 BPSK	1	53	17.40	17.40	17.22		
40	PI/2 BPSK	1	104	17.33	17.42	17.25		
40	PI/2 BPSK	50	0	17.44	17.42	17.39	18.8	0.0
40	PI/2 BPSK	50	28	17.25	17.39	17.39	18.8	0.0
40	PI/2 BPSK	50	56	17.23	17.38	17.39	18.8	0.0
40	PI/2 BPSK	100	0	17.25	17.45	17.44		
40	QPSK	1	1	17.40	17.50	17.45	18.8	0.0
40	QPSK	1	53	17.26	17.37	17.35		
40	QPSK	1	104	17.43	17.49	17.41		
40	QPSK	50	0	17.25	17.38	17.37	18.8	0.0
40	QPSK	50	28	17.23	17.42	17.34	18.8	0.0
40	QPSK	50	56	17.38	17.37	17.34	18.8	0.0
40	QPSK	100	0	17.31	17.43	17.37		
40	16QAM	1	1	17.40	17.45	17.33	18.8	0.0
40	64QAM	1	1	17.25	17.40	17.40	18.8	0.0
40	256QAM	1	1	17.37	17.32	17.37	18.8	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	17.34	17.45	17.27	18.8	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	17.41	17.35	17.38	18.8	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	17.32	17.44	17.40	18.8	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	17.29	17.48	17.36	18.8	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	17.32	17.39	17.40	19.0	0.0
100	PI/2 BPSK	1	137	17.44	17.46	17.42		
100	PI/2 BPSK	1	271	17.40	17.42	17.37		
100	PI/2 BPSK	135	0	17.41	17.49	17.35	19.0	0.0
100	PI/2 BPSK	135	69	17.41	17.43	17.42	19.0	0.0
100	PI/2 BPSK	135	138	17.41	17.42	17.40	19.0	0.0
100	PI/2 BPSK	270	0	17.41	17.47	17.35		
100	QPSK	1	1	17.53	17.55	17.32	19.0	0.0
100	QPSK	1	137	17.35	17.42	17.31		
100	QPSK	1	271	17.31	17.47	17.48		
100	QPSK	135	0	17.49	17.52	17.33	19.0	0.0
100	QPSK	135	69	17.52	17.57	17.48	19.0	0.0
100	QPSK	135	138	17.42	17.42	17.32	19.0	0.0
100	QPSK	270	0	17.41	17.50	17.46		
100	16QAM	1	1	17.43	17.44	17.39	19.0	0.0
100	64QAM	1	1	17.47	17.51	17.44	19.0	0.0
100	256QAM	1	1	17.33	17.48	17.44	19.0	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	17.42	17.54	17.48	19.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	17.53	17.56	17.52	19.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	17.33	17.38	17.32	19.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	17.46	17.55	17.32	19.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	17.38	17.44	17.36	19.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	17.45	17.42	17.32	19.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	17.41	17.53	17.49	19.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	17.38	17.41	17.32	19.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	15.75	15.91	15.71	17.0	0.0
100	PI/2 BPSK	1	137	15.75	15.76	15.58		
100	PI/2 BPSK	1	271	15.56	15.77	15.77		
100	PI/2 BPSK	135	0	15.70	15.77	15.71	17.0	0.0
100	PI/2 BPSK	135	69	15.81	15.82	15.60	17.0	0.0
100	PI/2 BPSK	135	138	15.45	15.64	15.61	17.0	0.0
100	PI/2 BPSK	270	0	15.76	15.81	15.62		
100	QPSK	1	1	15.82	15.99	15.87	17.0	0.0
100	QPSK	1	137	15.62	15.70	15.72		
100	QPSK	1	271	15.72	15.66	15.86		
100	QPSK	135	0	15.74	15.86	15.88	17.0	0.0
100	QPSK	135	69	15.83	15.90	15.86	17.0	0.0
100	QPSK	135	138	15.71	15.76	15.75	17.0	0.0
100	QPSK	270	0	15.85	15.87	15.81		
100	16QAM	1	1	15.67	15.80	15.69	17.0	0.0
100	64QAM	1	1	15.87	15.95	15.75	17.0	0.0
100	256QAM	1	1	15.74	15.87	15.67	17.0	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	15.62	15.79	15.78	17.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	15.67	15.95	15.87	17.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	15.77	15.79	15.86	17.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	15.81	15.95	15.72	17.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	15.63	15.96	15.81	17.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	15.66	15.96	15.69	17.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	15.81	15.83	15.79	17.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	15.75	15.95	15.66	17.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	15.77	15.87	15.75	17.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	15.61	15.87	15.87	17.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	18.62	18.87	18.53	20.0	0.0
100	PI/2 BPSK	1	137	18.69	18.65	18.42		
100	PI/2 BPSK	1	271	18.47	18.61	18.63		
100	PI/2 BPSK	135	0	18.55	18.58	18.66	20.0	0.0
100	PI/2 BPSK	135	69	18.75	18.71	18.51	20.0	0.0
100	PI/2 BPSK	135	138	18.34	18.55	18.43	20.0	0.0
100	PI/2 BPSK	270	0	18.73	18.77	18.56		
100	QPSK	1	1	18.79	18.95	18.82	20.0	0.0
100	QPSK	1	137	18.46	18.56	18.52		
100	QPSK	1	271	18.59	18.53	18.72		
100	QPSK	135	0	18.67	18.69	18.76	20.0	0.0
100	QPSK	135	69	18.84	18.88	18.83	20.0	0.0
100	QPSK	135	138	18.64	18.60	18.75	20.0	0.0
100	QPSK	270	0	18.81	18.86	18.83		
100	16QAM	1	1	18.65	18.74	18.53	20.0	0.0
100	64QAM	1	1	18.72	18.77	18.56	20.0	0.0
100	256QAM	1	1	18.61	18.78	18.50	20.0	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	18.66	18.84	18.75	20.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	18.76	18.83	18.82	20.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	18.65	18.90	18.80	20.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	18.61	18.82	18.82	20.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	18.72	18.88	18.65	20.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	18.64	18.74	18.82	20.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	18.69	18.92	18.81	20.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	18.78	18.93	18.71	20.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	18.57	18.93	18.61	20.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	18.79	18.86	18.64	20.0	0.0

PC3 Part27Q n77 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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		15.70		17.0	0.0
100	PI/2 BPSK	1	137		15.72			
100	PI/2 BPSK	1	271		15.76			
100	PI/2 BPSK	135	0		15.75		17.0	0.0
100	PI/2 BPSK	135	69		15.69		17.0	0.0
100	PI/2 BPSK	135	138		15.73		17.0	0.0
100	PI/2 BPSK	270	0		15.79			
100	QPSK	1	1		15.81		17.0	0.0
100	QPSK	1	137		15.63			
100	QPSK	1	271		15.63			
100	QPSK	135	0		15.71		17.0	0.0
100	QPSK	135	69		15.79		17.0	0.0
100	QPSK	135	138		15.77		17.0	0.0
100	QPSK	270	0		15.75			
100	16QAM	1	1		15.62		17.0	0.0
100	64QAM	1	1		15.74		17.0	0.0
100	256QAM	1	1		15.61		17.0	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	15.62	15.59	15.72	17.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	15.65	15.68	15.74	17.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	15.56	15.79	15.65	17.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	15.58	15.65	15.64	17.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	15.69	15.61	15.61	17.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	15.62	15.79	15.76	17.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	15.63	15.76	15.64	17.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	15.69	15.74	15.70	17.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	15.67	15.60	15.56	17.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	15.69	15.78	15.68	17.0	0.0

PC2 Part27Q n77 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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		18.61		20.0	0.0
100	PI/2 BPSK	1	137		18.68			
100	PI/2 BPSK	1	271		18.74			
100	PI/2 BPSK	135	0		18.65		20.0	0.0
100	PI/2 BPSK	135	69		18.63		20.0	0.0
100	PI/2 BPSK	135	138		18.68		20.0	0.0
100	PI/2 BPSK	270	0		18.85			
100	QPSK	1	1		18.87		20.0	0.0
100	QPSK	1	137		18.51			
100	QPSK	1	271		18.68			
100	QPSK	135	0		18.66		20.0	0.0
100	QPSK	135	69		18.85		20.0	0.0
100	QPSK	135	138		18.75		20.0	0.0
100	QPSK	270	0		18.81			
100	16QAM	1	1		18.69		20.0	0.0
100	64QAM	1	1		18.79		20.0	0.0
100	256QAM	1	1		18.72		20.0	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	18.76	18.78	18.76	20.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	18.73	18.80	18.74	20.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	18.76	18.70	18.77	20.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	18.64	18.79	18.66	20.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	18.74	18.63	18.66	20.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	18.58	18.75	18.82	20.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	18.76	18.72	18.69	20.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	18.72	18.85	18.72	20.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	18.62	18.79	18.78	20.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	18.55	18.65	18.62	20.0	0.0

PC3 Part27O n78 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				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		16.25		17.5	0.0
100	PI/2 BPSK	1	137		16.28			
100	PI/2 BPSK	1	271		16.30			
100	PI/2 BPSK	135	0		16.28		17.5	0.0
100	PI/2 BPSK	135	69		16.30		17.5	0.0
100	PI/2 BPSK	135	138		16.16		17.5	0.0
100	PI/2 BPSK	270	0		16.21			
100	QPSK	1	1		16.32		17.5	0.0
100	QPSK	1	137		16.26			
100	QPSK	1	271		16.28			
100	QPSK	135	0		16.23		17.5	0.0
100	QPSK	135	69		16.30		17.5	0.0
100	QPSK	135	138		16.23		17.5	0.0
100	QPSK	270	0		16.25			
100	16QAM	1	1		16.22		17.5	0.0
100	64QAM	1	1		16.24		17.5	0.0
100	256QAM	1	1		16.30		17.5	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	16.24	16.13	16.12	17.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	16.19	16.28	16.11	17.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	16.16	16.15	16.05	17.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	16.18	16.29	16.19	17.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				16.18	16.29	16.08		
50	QPSK	1	1	16.08	16.30	16.23	17.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	16.13	16.30	16.15	17.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	16.28	16.20	16.23	17.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	16.13	16.28	16.25	17.5	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	16.12	16.27	16.05	17.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	16.13	16.28	16.22	17.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		19.31		20.5	0.0
100	PI/2 BPSK	1	137		19.37			
100	PI/2 BPSK	1	271		19.21			
100	PI/2 BPSK	135	0		19.22		20.5	0.0
100	PI/2 BPSK	135	69		19.37		20.5	0.0
100	PI/2 BPSK	135	138		19.10		20.5	0.0
100	PI/2 BPSK	270	0		19.28			
100	QPSK	1	1		19.40		20.5	0.0
100	QPSK	1	137		19.36			
100	QPSK	1	271		19.27			
100	QPSK	135	0		19.13		20.5	0.0
100	QPSK	135	69		19.35		20.5	0.0
100	QPSK	135	138		19.29		20.5	0.0
100	QPSK	270	0		19.32			
100	16QAM	1	1		19.24		20.5	0.0
100	64QAM	1	1		19.25		20.5	0.0
100	256QAM	1	1		19.35		20.5	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	19.30	19.21	19.27	20.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	19.13	19.25	19.23	20.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	19.21	19.32	19.14	20.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	19.26	19.39	19.19	20.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	19.31	19.34	19.10	20.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	19.29	19.27	19.17	20.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	19.15	19.22	19.17	20.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	19.24	19.25	19.22	20.5	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	19.26	19.18	19.32	20.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	19.20	19.29	19.30	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		16.10		17.5	0.0
100	PI/2 BPSK	1	137		16.08			
100	PI/2 BPSK	1	271		16.10			
100	PI/2 BPSK	135	0		16.12		17.5	0.0
100	PI/2 BPSK	135	69		16.19		17.5	0.0
100	PI/2 BPSK	135	138		16.00		17.5	0.0
100	PI/2 BPSK	270	0		16.03			
100	QPSK	1	1		16.28		17.5	0.0
100	QPSK	1	137		16.16			
100	QPSK	1	271		16.26			
100	QPSK	135	0		16.20		17.5	0.0
100	QPSK	135	69		16.25		17.5	0.0
100	QPSK	135	138		16.07		17.5	0.0
100	QPSK	270	0		16.19			
100	16QAM	1	1		16.16		17.5	0.0
100	64QAM	1	1		16.13		17.5	0.0
100	256QAM	1	1		16.20		17.5	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	16.18	16.20	16.00	17.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	16.03	16.11	16.05	17.5	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	16.22	16.06	16.16	17.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	16.09	16.10	16.12	17.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	16.07	16.17	16.03	17.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	16.02	16.21	16.04	17.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	16.01	16.13	16.21	17.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	16.18	16.10	16.01	17.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	16.06	16.13	16.19	17.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	16.17	16.24	16.01	17.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		19.06		20.5	0.0
100	PI/2 BPSK	1	137		19.13			
100	PI/2 BPSK	1	271		19.00			
100	PI/2 BPSK	135	0		19.14		20.5	0.0
100	PI/2 BPSK	135	69		19.20		20.5	0.0
100	PI/2 BPSK	135	138		19.10		20.5	0.0
100	PI/2 BPSK	270	0		19.05			
100	QPSK	1	1		19.25		20.5	0.0
100	QPSK	1	137		19.19			
100	QPSK	1	271		19.19			
100	QPSK	135	0		19.15		20.5	0.0
100	QPSK	135	69		19.23		20.5	0.0
100	QPSK	135	138		19.06		20.5	0.0
100	QPSK	270	0		19.21			
100	16QAM	1	1		19.22		20.5	0.0
100	64QAM	1	1		19.06		20.5	0.0
100	256QAM	1	1		19.08		20.5	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	19.07	19.06	19.17	20.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	19.23	19.09	19.16	20.5	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	19.18	19.05	19.15	20.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	19.10	19.11	19.18	20.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	19.11	19.08	19.20	20.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	19.10	19.23	19.15	20.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	19.21	19.04	19.10	20.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	19.14	19.19	19.13	20.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	19.13	19.04	19.14	20.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	19.01	19.19	19.06	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				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	15.40	15.53	15.29	17.1	0.0
100	PI/2 BPSK	1	137	15.21	15.48	15.20		
100	PI/2 BPSK	1	271	15.32	15.56	15.25		
100	PI/2 BPSK	135	0	15.37	15.28	15.28	17.1	0.0
100	PI/2 BPSK	135	69	15.55	15.51	15.26	17.1	0.0
100	PI/2 BPSK	135	138	15.25	15.49	15.29	17.1	0.0
100	PI/2 BPSK	270	0	15.22	15.31	15.27		
100	QPSK	1	1	15.57	15.73	15.48	17.1	0.0
100	QPSK	1	137	15.29	15.46	15.38		
100	QPSK	1	271	15.44	15.53	15.52		
100	QPSK	135	0	15.13	15.16	15.17	17.1	0.0
100	QPSK	135	69	15.59	15.68	15.52	17.1	0.0
100	QPSK	135	138	15.21	15.14	15.12	17.1	0.0
100	QPSK	270	0	15.14	15.37	15.17		
100	16QAM	1	1	15.46	15.31	15.23	17.1	0.0
100	64QAM	1	1	15.27	15.31	15.27	17.1	0.0
100	256QAM	1	1	15.45	15.50	15.54	17.1	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	15.37	15.57	15.42	17.1	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	15.51	15.55	15.39	17.1	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	15.48	15.71	15.36	17.1	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	15.49	15.66	15.32	17.1	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	15.38	15.57	15.37	17.1	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	15.40	15.68	15.31	17.1	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	15.48	15.58	15.31	17.1	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	15.54	15.66	15.29	17.1	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	15.42	15.70	15.42	17.1	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	15.57	15.67	15.48	17.1	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	18.50	18.46	18.30	20.1	0.0
100	PI/2 BPSK	1	137	18.25	18.39	18.18		
100	PI/2 BPSK	1	271	18.31	18.53	18.32		
100	PI/2 BPSK	135	0	18.43	18.24	18.34	20.1	0.0
100	PI/2 BPSK	135	69	18.50	18.60	18.26	20.1	0.0
100	PI/2 BPSK	135	138	18.23	18.52	18.33	20.1	0.0
100	PI/2 BPSK	270	0	18.18	18.38	18.23		
100	QPSK	1	1	18.51	18.79	18.57	20.1	0.0
100	QPSK	1	137	18.20	18.45	18.40		
100	QPSK	1	271	18.47	18.67	18.64		
100	QPSK	135	0	18.25	18.16	18.27	20.1	0.0
100	QPSK	135	69	18.65	18.71	18.45	20.1	0.0
100	QPSK	135	138	18.17	18.23	18.22	20.1	0.0
100	QPSK	270	0	18.24	18.28	18.14		
100	16QAM	1	1	18.52	18.31	18.26	20.1	0.0
100	64QAM	1	1	18.33	18.26	18.30	20.1	0.0
100	256QAM	1	1	18.59	18.51	18.55	20.1	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	18.53	18.56	18.37	20.1	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	18.52	18.61	18.45	20.1	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	18.45	18.61	18.52	20.1	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	18.50	18.62	18.30	20.1	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	18.55	18.66	18.37	20.1	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	18.55	18.68	18.52	20.1	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	18.58	18.61	18.47	20.1	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	18.57	18.63	18.38	20.1	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	18.45	18.66	18.48	20.1	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	18.58	18.65	18.51	20.1	0.0

PC3 Part27Q n77 Ant7 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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		15.59		17.1	0.0
100	PI/2 BPSK	1	137		15.56			
100	PI/2 BPSK	1	271		15.60			
100	PI/2 BPSK	135	0		15.53		17.1	0.0
100	PI/2 BPSK	135	69		15.60		17.1	0.0
100	PI/2 BPSK	135	138		15.63		17.1	0.0
100	PI/2 BPSK	270	0		15.58			
100	QPSK	1	1		15.64		17.1	0.0
100	QPSK	1	137		15.47			
100	QPSK	1	271		15.54			
100	QPSK	135	0		15.47		17.1	0.0
100	QPSK	135	69		15.51		17.1	0.0
100	QPSK	135	138		15.42		17.1	0.0
100	QPSK	270	0		15.53			
100	16QAM	1	1		15.39		17.1	0.0
100	64QAM	1	1		15.41		17.1	0.0
100	256QAM	1	1		15.56		17.1	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	15.62	15.56	15.61	17.1	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	15.45	15.54	15.63	17.1	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	15.50	15.59	15.62	17.1	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	15.56	15.43	15.58	17.1	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	15.56	15.53	15.48	17.1	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	15.42	15.58	15.50	17.1	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	15.59	15.42	15.51	17.1	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	15.50	15.44	15.48	17.1	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	15.53	15.41	15.56	17.1	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	15.49	15.43	15.45	17.1	0.0

PC2 Part27Q n77 Ant7 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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		18.52		20.1	0.0
100	PI/2 BPSK	1	137		18.45			
100	PI/2 BPSK	1	271		18.46			
100	PI/2 BPSK	135	0		18.44		20.1	0.0
100	PI/2 BPSK	135	69		18.64		20.1	0.0
100	PI/2 BPSK	135	138		18.61		20.1	0.0
100	PI/2 BPSK	270	0		18.58			
100	QPSK	1	1		18.67		20.1	0.0
100	QPSK	1	137		18.46			
100	QPSK	1	271		18.51			
100	QPSK	135	0		15.44		20.1	0.0
100	QPSK	135	69		18.53		20.1	0.0
100	QPSK	135	138		18.49		20.1	0.0
100	QPSK	270	0		18.43			
100	16QAM	1	1		18.29		20.1	0.0
100	64QAM	1	1		18.30		20.1	0.0
100	256QAM	1	1		18.29		20.1	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	18.37	18.29	18.23	20.1	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	18.36	18.14	18.25	20.1	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	18.29	18.22	18.21	20.1	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	18.40	18.38	18.24	20.1	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	18.43	18.33	18.24	20.1	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	18.40	18.14	18.30	20.1	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	18.33	18.33	18.27	20.1	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	18.29	18.34	18.20	20.1	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	18.31	18.22	18.43	20.1	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	18.34	18.34	18.21	20.1	0.0

PC3 Part27O n78 Ant7 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				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		15.46		17.1	0.0
100	PI/2 BPSK	1	137		15.32			
100	PI/2 BPSK	1	271		15.25			
100	PI/2 BPSK	135	0		15.38		17.1	0.0
100	PI/2 BPSK	135	69		15.33		17.1	0.0
100	PI/2 BPSK	135	138		15.51		17.1	0.0
100	PI/2 BPSK	270	0		15.40			
100	QPSK	1	1		15.53		17.1	0.0
100	QPSK	1	137		15.35			
100	QPSK	1	271		15.25			
100	QPSK	135	0		15.20		17.1	0.0
100	QPSK	135	69		15.47		17.1	0.0
100	QPSK	135	138		15.30		17.1	0.0
100	QPSK	270	0		15.43			
100	16QAM	1	1		15.51		17.1	0.0
100	64QAM	1	1		15.41		17.1	0.0
100	256QAM	1	1		15.26		17.1	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	15.32	15.23	15.31	17.1	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	15.24	15.24	15.24	17.1	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	15.21	15.31	15.29	17.1	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	15.22	15.23	15.20	17.1	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	15.24	15.17	15.18	17.1	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	15.27	15.35	15.20	17.1	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	15.38	15.19	15.40	17.1	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	15.35	15.22	15.30	17.1	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	15.21	15.31	15.34	17.1	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	15.28	15.24	15.22	17.1	0.0

PC2 Part27O n78 Ant7 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				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		18.33		20.1	0.0
100	PI/2 BPSK	1	137		18.22			
100	PI/2 BPSK	1	271		18.18			
100	PI/2 BPSK	135	0		18.32		20.1	0.0
100	PI/2 BPSK	135	69		18.30		20.1	0.0
100	PI/2 BPSK	135	138		18.50		20.1	0.0
100	PI/2 BPSK	270	0		18.39			
100	QPSK	1	1		18.61		20.1	0.0
100	QPSK	1	137		18.37			
100	QPSK	1	271		18.17			
100	QPSK	135	0		18.16		20.1	0.0
100	QPSK	135	69		18.38		20.1	0.0
100	QPSK	135	138		18.15		20.1	0.0
100	QPSK	270	0		18.49			
100	16QAM	1	1		18.41		20.1	0.0
100	64QAM	1	1		18.20		20.1	0.0
100	256QAM	1	1		18.16		20.1	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	18.31	18.15	18.18	20.1	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	18.27	18.11	18.21	20.1	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	18.18	18.13	18.25	20.1	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	18.16	18.13	18.19	20.1	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	18.14	18.17	18.24	20.1	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	18.31	18.19	18.15	20.1	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	18.17	18.12	18.13	20.1	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	18.33	18.22	18.18	20.1	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	18.20	18.19	18.30	20.1	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	18.13	18.20	18.23	20.1	0.0

PC3 Part27Q n78 Ant7 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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		15.55		17.1	0.0
100	PI/2 BPSK	1	137		15.61			
100	PI/2 BPSK	1	271		15.55			
100	PI/2 BPSK	135	0		15.63		17.1	0.0
100	PI/2 BPSK	135	69		15.53		17.1	0.0
100	PI/2 BPSK	135	138		15.44		17.1	0.0
100	PI/2 BPSK	270	0		15.47			
100	QPSK	1	1		15.68		17.1	0.0
100	QPSK	1	137		15.65			
100	QPSK	1	271		15.29			
100	QPSK	135	0		15.50		17.1	0.0
100	QPSK	135	69		15.58		17.1	0.0
100	QPSK	135	138		15.46		17.1	0.0
100	QPSK	270	0		15.60			
100	16QAM	1	1		15.29		17.1	0.0
100	64QAM	1	1		15.54		17.1	0.0
100	256QAM	1	1		15.37		17.1	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	15.32	15.31	15.30	17.1	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	15.51	15.27	15.42	17.1	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	15.31	15.37	15.37	17.1	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	15.41	15.42	15.40	17.1	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	15.42	15.34	15.45	17.1	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	15.35	15.32	15.28	17.1	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	15.34	15.26	15.42	17.1	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	15.33	15.26	15.32	17.1	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	15.46	15.46	15.28	17.1	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	15.34	15.42	15.33	17.1	0.0

PC2 Part27Q n78 Ant7 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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		18.50		20.1	0.0
100	PI/2 BPSK	1	137		18.54			
100	PI/2 BPSK	1	271		18.51			
100	PI/2 BPSK	135	0		18.53		20.1	0.0
100	PI/2 BPSK	135	69		18.53		20.1	0.0
100	PI/2 BPSK	135	138		18.50		20.1	0.0
100	PI/2 BPSK	270	0		18.52			
100	QPSK	1	1		18.56		20.1	0.0
100	QPSK	1	137		18.52			
100	QPSK	1	271		18.39			
100	QPSK	135	0		18.49		20.1	0.0
100	QPSK	135	69		18.52		20.1	0.0
100	QPSK	135	138		18.50		20.1	0.0
100	QPSK	270	0		18.49			
100	16QAM	1	1		18.36		20.1	0.0
100	64QAM	1	1		18.53		20.1	0.0
100	256QAM	1	1		18.28		20.1	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	18.28	18.12	20.1	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	18.23	18.31	18.13	20.1	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	18.31	18.32	18.14	20.1	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	18.15	18.30	18.16	20.1	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	18.33	18.20	18.30	20.1	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	18.22	18.14	18.14	20.1	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	18.33	18.19	18.23	20.1	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	18.25	18.25	18.19	20.1	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	18.26	18.17	18.13	20.1	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	18.25	18.23	18.31	20.1	0.0

PC3 Part27O n77 Ant8 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	23.71	23.85	23.80	25.5	0.0
100	PI/2 BPSK	1	137	23.66	23.75	23.70		
100	PI/2 BPSK	1	271	23.74	23.77	23.65		
100	PI/2 BPSK	135	0	23.17	23.30	23.24	25.0	0.5
100	PI/2 BPSK	135	69	23.68	23.78	23.63	25.5	0.0
100	PI/2 BPSK	135	138	23.22	23.27	23.11	25.0	0.5
100	PI/2 BPSK	270	0	23.25	23.33	23.24		
100	QPSK	1	1	23.85	23.92	23.72	25.5	0.0
100	QPSK	1	137	23.71	23.83	23.76		
100	QPSK	1	271	23.74	23.85	23.73		
100	QPSK	135	0	22.87	22.92	22.76	24.5	1.0
100	QPSK	135	69	23.81	23.89	23.69	25.5	0.0
100	QPSK	135	138	22.73	22.82	22.72	24.5	1.0
100	QPSK	270	0	22.78	22.83	22.66		
100	16QAM	1	1	22.56	22.61	22.58	24.5	1.0
100	64QAM	1	1	21.25	21.30	21.21	23.0	2.5
100	256QAM	1	1	19.25	19.41	19.37	21.0	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	23.81	23.80	23.67	25.5	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	23.78	23.81	23.57	25.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	23.83	23.83	23.63	25.5	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	23.74	23.83	23.65	25.5	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	23.70	23.79	23.55	25.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	23.79	23.86	23.59	25.5	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	23.71	23.80	23.60	25.5	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	23.69	23.81	23.63	25.5	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	23.82	23.87	23.67	25.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	23.78	23.88	23.57	25.5	0.0

PC2 Part27O n77 Ant8 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	25.72	25.87	25.82	27.5	0.0
100	PI/2 BPSK	1	137	25.86	25.94	25.82		
100	PI/2 BPSK	1	271	25.91	26.00	25.86		
100	PI/2 BPSK	135	0	25.31	25.47	25.37	27.0	0.5
100	PI/2 BPSK	135	69	25.77	25.92	25.77	27.5	0.0
100	PI/2 BPSK	135	138	25.30	25.44	25.39	27.0	0.5
100	PI/2 BPSK	270	0	25.36	25.45	25.30		
100	QPSK	1	1	25.96	26.01	25.83	27.5	0.0
100	QPSK	1	137	25.86	25.93	25.91		
100	QPSK	1	271	25.93	25.99	25.95		
100	QPSK	135	0	24.78	24.95	24.80	26.5	1.0
100	QPSK	135	69	25.81	25.87	25.70	27.5	0.0
100	QPSK	135	138	24.77	24.88	24.84	26.5	1.0
100	QPSK	270	0	24.81	24.86	24.69		
100	16QAM	1	1	24.89	24.98	24.89	26.5	1.0
100	64QAM	1	1	23.50	23.62	23.50	25.0	2.5
100	256QAM	1	1	21.41	21.53	21.47	23.0	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	25.87	25.98	25.79	27.5	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	25.81	25.95	25.74	27.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	25.87	25.99	25.79	27.5	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	25.90	25.87	25.67	27.5	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	25.91	25.96	25.67	27.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	25.86	25.87	25.71	27.5	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	25.81	25.96	25.76	27.5	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	25.84	25.96	25.72	27.5	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	25.92	25.87	25.72	27.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	25.82	25.97	25.80	27.5	0.0

PC3 Part27Q n77 Ant8 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		23.78		25.5	0.0
100	PI/2 BPSK	1	137		23.62			
100	PI/2 BPSK	1	271		23.67			
100	PI/2 BPSK	135	0		23.06		25.0	0.5
100	PI/2 BPSK	135	69		23.66		25.5	0.0
100	PI/2 BPSK	135	138		23.22		25.0	0.5
100	PI/2 BPSK	270	0		23.11			
100	QPSK	1	1		23.80		25.5	0.0
100	QPSK	1	137		23.65			
100	QPSK	1	271		23.72			
100	QPSK	135	0		22.59		24.5	1.0
100	QPSK	135	69		23.76		25.5	0.0
100	QPSK	135	138		22.71		24.5	1.0
100	QPSK	270	0		22.68			
100	16QAM	1	1		22.78		24.5	1.0
100	64QAM	1	1		21.32		23.0	2.5
100	256QAM	1	1		19.21		21.0	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	23.69	23.70	23.62	25.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	23.73	23.72	23.68	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	23.65	23.65	23.69	25.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	23.59	23.72	23.61	25.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	23.69	23.70	23.72	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	23.68	23.77	23.74	25.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	23.72	23.71	23.71	25.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	23.71	23.76	23.69	25.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	23.70	23.70	23.65	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	23.71	23.68	23.72	25.5	0.0

PC2 Part27Q n77 Ant8 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		25.80		27.5	0.0
100	PI/2 BPSK	1	137		25.64			
100	PI/2 BPSK	1	271		25.77			
100	PI/2 BPSK	135	0		25.10		27.0	0.5
100	PI/2 BPSK	135	69		25.62		27.5	0.0
100	PI/2 BPSK	135	138		25.15		27.0	0.5
100	PI/2 BPSK	270	0		25.11			
100	QPSK	1	1		25.84		27.5	0.0
100	QPSK	1	137		25.70			
100	QPSK	1	271		25.80			
100	QPSK	135	0		24.69		26.5	1.0
100	QPSK	135	69		25.63		27.5	0.0
100	QPSK	135	138		24.71		26.5	1.0
100	QPSK	270	0		24.78			
100	16QAM	1	1		24.76		26.5	1.0
100	64QAM	1	1		23.37		25.0	2.5
100	256QAM	1	1		21.29		23.0	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	25.69	25.80	25.79	27.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	25.62	25.80	25.76	27.5	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	25.76	25.67	25.64	27.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	25.63	25.68	25.79	27.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	25.64	25.78	25.67	27.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	25.65	25.67	25.77	27.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	25.71	25.75	25.79	27.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	25.67	25.79	25.75	27.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	25.66	25.75	25.69	27.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	25.64	25.78	25.67	27.5	0.0

PC3 Part27O n78 Ant8 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		23.74		25.5	0.0
100	PI/2 BPSK	1	137		23.78			
100	PI/2 BPSK	1	271		23.82			
100	PI/2 BPSK	135	0		23.35		25.0	0.5
100	PI/2 BPSK	135	69		23.80		25.5	0.0
100	PI/2 BPSK	135	138		23.29		25.0	0.5
100	PI/2 BPSK	270	0		23.38			
100	QPSK	1	1		23.88		25.5	0.0
100	QPSK	1	137		23.76			
100	QPSK	1	271		23.84			
100	QPSK	135	0		22.84		24.5	1.0
100	QPSK	135	69		23.85		25.5	0.0
100	QPSK	135	138		22.82		24.5	1.0
100	QPSK	270	0		22.87			
100	16QAM	1	1		22.82		24.5	1.0
100	64QAM	1	1		21.34		23.0	2.5
100	256QAM	1	1		19.47		21.0	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	23.72	23.73	23.76	25.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	23.78	23.77	23.72	25.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	23.71	23.83	23.76	25.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	23.73	23.81	23.77	25.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	23.80	23.72	23.71	25.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	23.72	23.72	23.82	25.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	23.77	23.83	23.80	25.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	23.68	23.84	23.69	25.5	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	23.71	23.85	23.80	25.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	23.80	23.78	23.79	25.5	0.0

PC2 Part27O n78 Ant8 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		25.80		27.5	0.0
100	PI/2 BPSK	1	137		25.78			
100	PI/2 BPSK	1	271		25.82			
100	PI/2 BPSK	135	0		25.27		27.0	0.5
100	PI/2 BPSK	135	69		25.79		27.5	0.0
100	PI/2 BPSK	135	138		25.24		27.0	0.5
100	PI/2 BPSK	270	0		25.25			
100	QPSK	1	1		25.84		27.5	0.0
100	QPSK	1	137		25.78			
100	QPSK	1	271		25.82			
100	QPSK	135	0		24.76		26.5	1.0
100	QPSK	135	69		25.79		27.5	0.0
100	QPSK	135	138		24.87		26.5	1.0
100	QPSK	270	0		24.82			
100	16QAM	1	1		24.89		26.5	1.0
100	64QAM	1	1		23.28		25.0	2.5
100	256QAM	1	1		21.44		23.0	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	25.76	25.71	25.78	27.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	25.67	25.79	25.78	27.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	25.63	25.73	25.71	27.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	25.74	25.74	25.78	27.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	25.67	25.80	25.68	27.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	25.75	25.69	25.72	27.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	25.76	25.68	25.68	27.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	25.66	25.77	25.76	27.5	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	25.68	25.73	25.79	27.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	25.73	25.76	25.68	27.5	0.0

PC3 Part27Q n78 Ant8 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		23.78		25.5	0.0
100	PI/2 BPSK	1	137		23.73			
100	PI/2 BPSK	1	271		23.75			
100	PI/2 BPSK	135	0		23.24		25.0	0.5
100	PI/2 BPSK	135	69		23.75		25.5	0.0
100	PI/2 BPSK	135	138		23.39		25.0	0.5
100	PI/2 BPSK	270	0		23.30			
100	QPSK	1	1		23.79		25.5	0.0
100	QPSK	1	137		23.68			
100	QPSK	1	271		23.74			
100	QPSK	135	0		22.68		24.5	1.0
100	QPSK	135	69		23.70		25.5	0.0
100	QPSK	135	138		22.84		24.5	1.0
100	QPSK	270	0		22.76			
100	16QAM	1	1		22.86		24.5	1.0
100	64QAM	1	1		21.32		23.0	2.5
100	256QAM	1	1		19.34		21.0	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	23.64	23.76	23.63	25.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	23.64	23.77	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	23.74	23.68	23.63	25.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	23.69	23.78	23.63	25.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	23.65	23.71	23.62	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	23.69	23.72	23.70	25.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	23.73	23.76	23.65	25.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	23.62	23.73	23.72	25.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	23.72	23.75	23.61	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	23.67	23.74	23.65	25.5	0.0

PC2 Part27Q n78 Ant8 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		25.75		27.5	0.0
100	PI/2 BPSK	1	137		25.70			
100	PI/2 BPSK	1	271		25.78			
100	PI/2 BPSK	135	0		25.18		27.0	0.5
100	PI/2 BPSK	135	69		25.66		27.5	0.0
100	PI/2 BPSK	135	138		25.38		27.0	0.5
100	PI/2 BPSK	270	0		25.06			
100	QPSK	1	1		25.80		27.5	0.0
100	QPSK	1	137		25.75			
100	QPSK	1	271		25.72			
100	QPSK	135	0		24.65		26.5	1.0
100	QPSK	135	69		25.70		27.5	0.0
100	QPSK	135	138		24.78		26.5	1.0
100	QPSK	270	0		24.68			
100	16QAM	1	1		24.74		26.5	1.0
100	64QAM	1	1		23.25		25.0	2.5
100	256QAM	1	1		21.28		23.0	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	25.66	25.69	25.69	27.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	25.73	25.75	25.72	27.5	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	25.68	25.77	25.61	27.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	25.69	25.66	25.75	27.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	25.61	25.64	25.69	27.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	25.69	25.76	25.66	27.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	25.71	25.76	25.71	27.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	25.65	25.69	25.74	27.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	25.73	25.72	25.64	27.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	25.71	25.65	25.62	27.5	0.0

PC3 Part27O n77 Ant10 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				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	15.46	15.52	15.21	16.5	0.0
100	PI/2 BPSK	1	137	15.43	15.61	15.21		
100	PI/2 BPSK	1	271	15.57	15.63	15.11		
100	PI/2 BPSK	135	0	15.24	15.58	15.07	16.5	0.0
100	PI/2 BPSK	135	69	15.51	15.68	15.03	16.5	0.0
100	PI/2 BPSK	135	138	15.59	15.56	15.01	16.5	0.0
100	PI/2 BPSK	270	0	15.30	15.52	14.89		
100	QPSK	1	1	15.64	15.69	15.19	16.5	0.0
100	QPSK	1	137	15.39	15.55	14.93		
100	QPSK	1	271	15.60	15.67	15.12		
100	QPSK	135	0	15.36	15.57	14.91	16.5	0.0
100	QPSK	135	69	15.55	15.61	15.18	16.5	0.0
100	QPSK	135	138	15.38	15.56	15.03	16.5	0.0
100	QPSK	270	0	15.40	15.50	15.08		
100	16QAM	1	1	15.32	15.57	15.02	16.5	0.0
100	64QAM	1	1	15.29	15.53	15.04	16.5	0.0
100	256QAM	1	1	15.37	15.51	15.02	16.5	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	15.45	15.59	15.09	16.5	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	15.48	15.63	15.04	16.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	15.62	15.56	14.99	16.5	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	15.61	15.58	15.05	16.5	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	15.65	15.65	15.05	16.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	15.44	15.52	15.16	16.5	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	15.52	15.61	15.04	16.5	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	15.61	15.68	15.12	16.5	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	15.47	15.20	16.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	15.50	15.62	15.16	16.5	0.0

PC2 Part27O n77 Ant10 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				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	18.44	18.48	18.21	19.5	0.0
100	PI/2 BPSK	1	137	18.49	18.58	18.07		
100	PI/2 BPSK	1	271	18.50	18.42	18.17		
100	PI/2 BPSK	135	0	18.41	18.40	18.11	19.5	0.0
100	PI/2 BPSK	135	69	18.27	18.29	18.17	19.5	0.0
100	PI/2 BPSK	135	138	18.24	18.33	18.28	19.5	0.0
100	PI/2 BPSK	270	0	18.46	18.40	18.25		
100	QPSK	1	1	18.51	18.59	18.43	19.5	0.0
100	QPSK	1	137	18.48	18.49	18.17		
100	QPSK	1	271	18.33	18.50	18.09		
100	QPSK	135	0	18.19	18.31	18.10	19.5	0.0
100	QPSK	135	69	18.30	18.58	18.21	19.5	0.0
100	QPSK	135	138	18.31	18.27	18.04	19.5	0.0
100	QPSK	270	0	18.26	18.56	18.09		
100	16QAM	1	1	18.32	18.42	18.09	19.5	0.0
100	64QAM	1	1	18.37	18.35	18.14	19.5	0.0
100	256QAM	1	1	17.35	17.39	17.01	18.5	1.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	18.43	18.56	18.14	19.5	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	18.46	18.55	18.42	19.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	18.48	18.50	18.11	19.5	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	18.50	18.45	18.11	19.5	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	18.51	18.40	18.08	19.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	18.55	18.53	18.05	19.5	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	18.52	18.49	18.01	19.5	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	18.48	18.47	18.01	19.5	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	18.49	18.46	18.09	19.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	18.47	18.45	18.09	19.5	0.0

PC3 Part27Q n77 Ant10 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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		15.39		16.5	0.0
100	PI/2 BPSK	1	137		15.25			
100	PI/2 BPSK	1	271		15.22			
100	PI/2 BPSK	135	0		15.22		16.5	0.0
100	PI/2 BPSK	135	69		15.31		16.5	0.0
100	PI/2 BPSK	135	138		15.27		16.5	0.0
100	PI/2 BPSK	270	0		15.16			
100	QPSK	1	1		15.47		16.5	0.0
100	QPSK	1	137		15.41			
100	QPSK	1	271		15.41			
100	QPSK	135	0		15.41		16.5	0.0
100	QPSK	135	69		15.44		16.5	0.0
100	QPSK	135	138		15.35		16.5	0.0
100	QPSK	270	0		15.38			
100	16QAM	1	1		15.42		16.5	0.0
100	64QAM	1	1		15.31		16.5	0.0
100	256QAM	1	1		15.30		16.5	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	15.23	15.23	15.26	16.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	15.39	15.17	15.32	16.5	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	15.36	15.33	15.15	16.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	15.27	15.19	15.27	16.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	15.41	15.12	15.23	16.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	15.33	15.29	15.25	16.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	15.29	15.13	15.14	16.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	15.28	15.11	15.21	16.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	15.36	15.27	15.25	16.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	15.20	15.34	15.15	16.5	0.0

PC2 Part27Q n77 Ant10 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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		18.27		19.5	0.0
100	PI/2 BPSK	1	137		18.34			
100	PI/2 BPSK	1	271		18.46			
100	PI/2 BPSK	135	0		18.16		19.5	0.0
100	PI/2 BPSK	135	69		18.41		19.5	0.0
100	PI/2 BPSK	135	138		18.30		19.5	0.0
100	PI/2 BPSK	270	0		18.13			
100	QPSK	1	1		18.63		19.5	0.0
100	QPSK	1	137		18.43			
100	QPSK	1	271		18.34			
100	QPSK	135	0		18.54		19.5	0.0
100	QPSK	135	69		18.55		19.5	0.0
100	QPSK	135	138		18.36		19.5	0.0
100	QPSK	270	0		18.46			
100	16QAM	1	1		18.45		19.5	0.0
100	64QAM	1	1		18.28		19.5	0.0
100	256QAM	1	1		17.36		18.5	1.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	18.25	18.29	18.31	19.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	18.37	18.24	18.36	19.5	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	18.36	18.24	18.25	19.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	18.25	18.31	18.40	19.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	18.27	18.36	18.29	19.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	18.33	18.17	18.44	19.5	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	18.30	18.33	19.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	18.34	18.23	18.44	19.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	18.45	18.35	18.42	19.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	18.38	18.19	18.26	19.5	0.0

PC3 Part27O n78 Ant10 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				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		14.19		15.5	0.0
100	PI/2 BPSK	1	137		14.31			
100	PI/2 BPSK	1	271		14.17			
100	PI/2 BPSK	135	0		14.18		15.5	0.0
100	PI/2 BPSK	135	69		14.18		15.5	0.0
100	PI/2 BPSK	135	138		14.23		15.5	0.0
100	PI/2 BPSK	270	0		14.24			
100	QPSK	1	1		14.53		15.5	0.0
100	QPSK	1	137		14.36			
100	QPSK	1	271		14.35			
100	QPSK	135	0		14.39		15.5	0.0
100	QPSK	135	69		14.44		15.5	0.0
100	QPSK	135	138		14.41		15.5	0.0
100	QPSK	270	0		14.39			
100	16QAM	1	1		14.50		15.5	0.0
100	64QAM	1	1		14.15		15.5	0.0
100	256QAM	1	1		14.22		15.5	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	14.19	14.10	14.27	15.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	14.19	14.23	14.13	15.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	14.38	14.12	14.11	15.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	14.22	14.15	14.21	15.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	14.32	14.13	14.16	15.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	14.24	14.13	14.32	15.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	14.19	14.27	14.26	15.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	14.16	14.25	14.26	15.5	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	14.36	14.23	14.10	15.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	14.21	14.25	14.30	15.5	0.0

PC2 Part27O n78 Ant10 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				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		17.46		18.5	0.0
100	PI/2 BPSK	1	137		17.51			
100	PI/2 BPSK	1	271		17.46			
100	PI/2 BPSK	135	0		17.20		18.5	0.0
100	PI/2 BPSK	135	69		17.25		18.5	0.0
100	PI/2 BPSK	135	138		17.39		18.5	0.0
100	PI/2 BPSK	270	0		17.40			
100	QPSK	1	1		17.64		18.5	0.0
100	QPSK	1	137		17.53			
100	QPSK	1	271		17.50			
100	QPSK	135	0		17.38		18.5	0.0
100	QPSK	135	69		17.49		18.5	0.0
100	QPSK	135	138		17.38		18.5	0.0
100	QPSK	270	0		17.41			
100	16QAM	1	1		17.29		18.5	0.0
100	64QAM	1	1		17.31		18.5	0.0
100	256QAM	1	1		17.29		18.5	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	17.30	17.23	17.30	18.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	17.20	17.28	17.12	18.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	17.20	17.22	17.28	18.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	17.20	17.36	17.13	18.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	17.35	17.35	17.22	18.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	17.23	17.20	17.15	18.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	17.33	17.28	17.15	18.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	17.37	17.38	17.20	18.5	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	17.29	17.32	17.16	18.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	17.29	17.26	17.32	18.5	0.0

PC3 Part27Q n78 Ant10 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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		14.45		15.5	0.0
100	PI/2 BPSK	1	137		14.23			
100	PI/2 BPSK	1	271		14.38			
100	PI/2 BPSK	135	0		14.41		15.5	0.0
100	PI/2 BPSK	135	69		14.33		15.5	0.0
100	PI/2 BPSK	135	138		14.40		15.5	0.0
100	PI/2 BPSK	270	0		14.42			
100	QPSK	1	1		14.58		15.5	0.0
100	QPSK	1	137		14.53			
100	QPSK	1	271		14.29			
100	QPSK	135	0		14.32		15.5	0.0
100	QPSK	135	69		14.52		15.5	0.0
100	QPSK	135	138		14.45		15.5	0.0
100	QPSK	270	0		14.47			
100	16QAM	1	1		14.51		15.5	0.0
100	64QAM	1	1		14.36		15.5	0.0
100	256QAM	1	1		14.31		15.5	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	14.23	14.08	14.23	15.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	14.19	14.09	14.21	15.5	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	14.16	14.09	14.20	15.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	14.25	14.04	14.19	15.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	14.09	14.21	14.22	15.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	14.10	14.18	14.13	15.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	14.06	14.16	14.07	15.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	14.19	14.21	14.14	15.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	14.20	14.17	14.21	15.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	14.17	14.07	14.19	15.5	0.0

PC2 Part27Q n78 Ant10 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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		17.11		18.5	0.0
100	PI/2 BPSK	1	137		17.29			
100	PI/2 BPSK	1	271		17.19			
100	PI/2 BPSK	135	0		17.19		18.5	0.0
100	PI/2 BPSK	135	69		17.19		18.5	0.0
100	PI/2 BPSK	135	138		17.18		18.5	0.0
100	PI/2 BPSK	270	0		17.23			
100	QPSK	1	1		17.41		18.5	0.0
100	QPSK	1	137		17.19			
100	QPSK	1	271		17.13			
100	QPSK	135	0		17.14		18.5	0.0
100	QPSK	135	69		17.29		18.5	0.0
100	QPSK	135	138		17.27		18.5	0.0
100	QPSK	270	0		17.31			
100	16QAM	1	1		17.34		18.5	0.0
100	64QAM	1	1		17.27		18.5	0.0
100	256QAM	1	1		17.14		18.5	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	17.00	17.08	17.19	18.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	17.10	17.04	17.16	18.5	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	17.09	17.01	17.32	18.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	17.01	16.99	17.11	18.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	17.02	17.08	17.13	18.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	17.09	16.98	17.21	18.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	17.01	16.96	17.17	18.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	17.04	16.98	17.12	18.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	16.98	16.95	17.18	18.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	16.99	17.08	17.11	18.5	0.0

Reduced Power Mode for DSI3

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	25.07	25.12	25.05	25.7	0.0
20	PI/2 BPSK	1	53	24.96	25.09	25.02		
20	PI/2 BPSK	1	104	24.92	25.04	24.93		
20	PI/2 BPSK	50	0	24.61	24.69	24.59	25.2	0.5
20	PI/2 BPSK	50	28	25.01	25.15	25.04	25.7	0.0
20	PI/2 BPSK	50	56	24.51	24.65	24.60	25.2	0.5
20	PI/2 BPSK	100	0	24.57	24.67	24.61		
20	QPSK	1	1	25.10	25.18	25.06	25.7	0.0
20	QPSK	1	53	24.98	25.11	25.03		
20	QPSK	1	104	24.72	24.81	24.70		
20	QPSK	50	0	24.09	24.21	24.09	24.7	1.0
20	QPSK	50	28	25.12	25.16	25.11	25.7	0.0
20	QPSK	50	56	24.15	24.19	24.06	24.7	1.0
20	QPSK	100	0	24.08	24.15	24.09		
20	16QAM	1	1	23.87	23.94	23.88	24.7	1.0
20	64QAM	1	1	22.37	22.45	22.39	23.2	2.5
20	256QAM	1	1	20.73	20.78	20.71	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	25.01	25.05	24.96	25.7	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	25.06	25.03	24.96	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	25.00	25.13	24.92	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	21.32	21.43	21.34	23.0	0.0
40	PI/2 BPSK	1	108	21.33	21.41	21.36		
40	PI/2 BPSK	1	214	21.11	21.26	21.13		
40	PI/2 BPSK	108	0	20.84	20.90	20.76	22.5	0.5
40	PI/2 BPSK	108	54	21.27	21.33	21.27	23.0	0.0
40	PI/2 BPSK	108	108	20.72	20.82	20.72	22.5	0.5
40	PI/2 BPSK	216	0	20.73	20.86	20.76		
40	QPSK	1	1	21.39	21.45	21.37	23.0	0.0
40	QPSK	1	108	21.30	21.34	21.24		
40	QPSK	1	214	21.19	21.24	21.17		
40	QPSK	108	0	20.35	20.42	20.28	22.0	1.0
40	QPSK	108	54	21.27	21.40	21.27	23.0	0.0
40	QPSK	108	108	20.31	20.37	20.26	22.0	1.0
40	QPSK	216	0	20.34	20.41	20.36		
40	16QAM	1	1	20.43	20.54	20.46	22.0	1.0
40	64QAM	1	1	18.67	18.78	18.66	20.5	2.5
40	256QAM	1	1	17.11	17.15	17.07	18.5	4.5
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	21.29	21.32	21.27	23.0	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	21.27	21.37	21.30	23.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	21.34	21.37	21.28	23.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	21.35	21.36	21.29	23.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	21.29	21.41	21.28	23.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	21.27	21.40	21.29	23.0	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	21.79	21.87	21.75	23.3	0.0
40	PI/2 BPSK	1	53	21.77	21.91	21.86		
40	PI/2 BPSK	1	104	21.87	21.90	21.79		
40	PI/2 BPSK	50	0	21.43	21.52	21.45	22.8	0.5
40	PI/2 BPSK	50	28	21.79	21.86	21.74	23.3	0.0
40	PI/2 BPSK	50	56	21.37	21.51	21.48	22.8	0.5
40	PI/2 BPSK	100	0	21.39	21.49	21.42		
40	QPSK	1	1	21.87	21.96	21.82	23.3	0.0
40	QPSK	1	53	21.87	21.93	21.81		
40	QPSK	1	104	21.87	21.90	21.86		
40	QPSK	50	0	20.91	21.02	20.95	22.3	1.0
40	QPSK	50	28	21.89	21.92	21.84	23.3	0.0
40	QPSK	50	56	20.91	21.04	21.00	22.3	1.0
40	QPSK	100	0	20.86	20.97	20.84		
40	16QAM	1	1	20.85	20.93	20.84	22.3	1.0
40	64QAM	1	1	19.22	19.33	19.23	20.8	2.5
40	256QAM	1	1	17.48	17.62	17.55	18.8	4.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	21.84	21.87	21.74	23.3	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	21.79	21.92	21.73	23.3	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	21.76	21.85	21.75	23.3	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	21.76	21.89	21.67	23.3	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	21.90	21.96	21.88	23.3	0.0
100	PI/2 BPSK	1	137	21.73	21.87	21.84		
100	PI/2 BPSK	1	271	21.71	21.78	21.68		
100	PI/2 BPSK	135	0	21.26	21.39	21.34	22.8	0.5
100	PI/2 BPSK	135	69	21.76	21.87	21.76	23.3	0.0
100	PI/2 BPSK	135	138	21.27	21.30	21.20	22.8	0.5
100	PI/2 BPSK	270	0	21.29	21.40	21.35		
100	QPSK	1	1	21.86	21.98	21.91	23.3	0.0
100	QPSK	1	137	21.86	21.94	21.87		
100	QPSK	1	271	21.53	21.66	21.62		
100	QPSK	135	0	20.81	20.92	20.81	22.3	1.0
100	QPSK	135	69	21.70	21.84	21.77	23.3	0.0
100	QPSK	135	138	20.73	20.81	20.67	22.3	1.0
100	QPSK	270	0	20.79	20.83	20.74		
100	16QAM	1	1	20.91	20.99	20.90	22.3	1.0
100	64QAM	1	1	19.55	19.61	19.57	20.8	2.5
100	256QAM	1	1	17.63	17.68	17.57	18.8	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	21.78	21.91	21.77	23.3	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	21.81	21.83	21.87	23.3	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	21.76	21.93	21.79	23.3	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	21.81	21.91	21.79	23.3	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	21.79	21.93	21.78	23.3	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	21.78	21.94	21.81	23.3	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	21.72	21.86	21.77	23.3	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	21.76	21.93	21.85	23.3	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	24.73	24.78	24.68	25.5	0.0
20	PI/2 BPSK	1	53	24.67	24.73	24.69		
20	PI/2 BPSK	1	104	24.57	24.68	24.61		
20	PI/2 BPSK	50	0	24.23	24.38	24.32	25.0	0.5
20	PI/2 BPSK	50	28	24.67	24.80	24.75	25.5	0.0
20	PI/2 BPSK	50	56	24.25	24.33	24.23	25.0	0.5
20	PI/2 BPSK	100	0	24.21	24.34	24.28		
20	QPSK	1	1	24.70	24.81	24.75	25.5	0.0
20	QPSK	1	53	24.72	24.79	24.73		
20	QPSK	1	104	24.56	24.60	24.56		
20	QPSK	50	0	23.82	23.87	23.73	24.5	1.0
20	QPSK	50	28	24.73	24.81	24.67	25.5	0.0
20	QPSK	50	56	23.72	23.80	23.69	24.5	1.0
20	QPSK	100	0	23.69	23.77	23.65		
20	16QAM	1	1	23.58	23.73	23.60	24.5	1.0
20	64QAM	1	1	21.98	22.07	22.01	23.0	2.5
20	256QAM	1	1	20.29	20.37	20.23	21.0	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	24.63	24.77	24.61	25.5	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	24.58	24.72	24.67	25.5	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	24.62	24.71	24.71	25.5	0.0

n7 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				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	19.13	19.25	19.15	19.5	0.0
40	PI/2 BPSK	1	108	19.08	19.15	19.00		
40	PI/2 BPSK	1	214	19.07	19.18	18.99		
40	PI/2 BPSK	108	0	19.16	19.20	19.17	19.5	0.0
40	PI/2 BPSK	108	54	19.15	19.13	19.08	19.5	0.0
40	PI/2 BPSK	108	108	19.01	19.08	18.88	19.5	0.0
40	PI/2 BPSK	216	0	19.08	19.17	19.09		
40	QPSK	1	1	19.28	19.30	19.26	19.5	0.0
40	QPSK	1	108	19.01	19.22	19.19		
40	QPSK	1	214	19.14	19.15	18.95		
40	QPSK	108	0	18.95	19.16	19.11	19.5	0.0
40	QPSK	108	54	19.16	19.26	19.23	19.5	0.0
40	QPSK	108	108	19.03	19.12	19.01	19.5	0.0
40	QPSK	216	0	19.20	19.24	19.11		
40	16QAM	1	1	19.06	19.13	19.06	19.5	0.0
40	64QAM	1	1	19.01	19.13	19.04	19.5	0.0
40	256QAM	1	1	19.04	19.15	19.08	19.5	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	18.98	19.28	19.10	19.5	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	18.97	19.18	19.11	19.5	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	19.02	19.29	19.16	19.5	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	18.98	19.12	19.16	19.5	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	19.10	19.20	19.19	19.5	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	19.07	19.14	19.10	19.5	0.0

n38 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				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	18.56	18.61	18.42	19.7	0.0
40	PI/2 BPSK	1	53	18.53	18.57	18.54		
40	PI/2 BPSK	1	104	18.56	18.60	18.47		
40	PI/2 BPSK	50	0	18.54	18.60	18.52	19.7	0.0
40	PI/2 BPSK	50	28	18.49	18.50	18.38	19.7	0.0
40	PI/2 BPSK	50	56	18.35	18.52	18.47	19.7	0.0
40	PI/2 BPSK	100	0	18.53	18.60	18.47		
40	QPSK	1	1	18.53	18.68	18.65	19.7	0.0
40	QPSK	1	53	18.44	18.58	18.37		
40	QPSK	1	104	18.51	18.59	18.48		
40	QPSK	50	0	18.46	18.61	18.51	19.7	0.0
40	QPSK	50	28	18.46	18.62	18.58	19.7	0.0
40	QPSK	50	56	18.50	18.59	18.43	19.7	0.0
40	QPSK	100	0	18.52	18.58	18.51		
40	16QAM	1	1	18.56	18.54	18.56	19.7	0.0
40	64QAM	1	1	18.42	18.30	18.31	19.7	0.0
40	256QAM	1	1	18.41	18.51	18.39	19.7	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	18.40	18.48	18.62	19.7	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	18.42	18.47	18.65	19.7	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	18.41	18.50	18.45	19.7	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	18.39	18.63	18.67	19.7	0.0

n41 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				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	18.56	18.55	18.49	19.7	0.0
100	PI/2 BPSK	1	137	18.48	18.48	18.45		
100	PI/2 BPSK	1	271	18.59	18.47	18.41		
100	PI/2 BPSK	135	0	18.46	18.45	18.45	19.7	0.0
100	PI/2 BPSK	135	69	18.34	18.50	18.30	19.7	0.0
100	PI/2 BPSK	135	138	18.35	18.44	18.29	19.7	0.0
100	PI/2 BPSK	270	0	18.30	18.47	18.26		
100	QPSK	1	1	18.62	18.70	18.60	19.7	0.0
100	QPSK	1	137	18.43	18.48	18.45		
100	QPSK	1	271	18.27	18.42	18.26		
100	QPSK	135	0	18.43	18.52	18.33	19.7	0.0
100	QPSK	135	69	18.47	18.66	18.51	19.7	0.0
100	QPSK	135	138	18.33	18.50	18.52	19.7	0.0
100	QPSK	270	0	18.42	18.54	18.32		
100	16QAM	1	1	18.29	18.49	18.51	19.7	0.0
100	64QAM	1	1	18.26	18.28	18.37	19.7	0.0
100	256QAM	1	1	18.38	18.28	18.50	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	18.43	18.52	18.49	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	18.51	18.57	18.49	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	18.53	18.50	18.46	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	18.56	18.60	18.45	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	18.43	18.59	18.62	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	18.53	18.55	18.56	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	18.50	18.49	18.40	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	18.50	18.49	18.49	19.7	0.0

n7 Ant2 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	20.60	20.81	20.64	21.2	0.0
40	PI/2 BPSK	1	108	20.74	20.85	20.70		
40	PI/2 BPSK	1	214	20.82	20.82	20.61		
40	PI/2 BPSK	108	0	20.85	20.87	20.74	21.2	0.0
40	PI/2 BPSK	108	54	20.71	20.79	20.71	21.2	0.0
40	PI/2 BPSK	108	108	20.70	20.78	20.72	21.2	0.0
40	PI/2 BPSK	216	0	20.87	20.87	20.81		
40	QPSK	1	1	20.73	20.93	20.71	21.2	0.0
40	QPSK	1	108	20.66	20.80	20.66		
40	QPSK	1	214	20.84	20.82	20.69		
40	QPSK	108	0	20.76	20.86	20.81	21.2	0.0
40	QPSK	108	54	20.67	20.83	20.68	21.2	0.0
40	QPSK	108	108	20.70	20.84	20.67	21.2	0.0
40	QPSK	216	0	20.80	20.85	20.67		
40	16QAM	1	1	20.61	20.77	20.78	21.2	0.0
40	64QAM	1	1	20.63	20.75	20.76	21.2	0.0
40	256QAM	1	1	19.60	19.74	19.71	20.2	1.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	20.59	20.87	20.70	21.2	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	20.65	20.84	20.62	21.2	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	20.67	20.81	20.51	21.2	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	20.56	20.81	20.63	21.2	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	20.61	20.73	20.54	21.2	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	20.59	20.79	20.60	21.2	0.0

n38 Ant2 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	20.86	20.90	20.87	21.2	0.0
40	PI/2 BPSK	1	53	20.80	20.82	20.84		
40	PI/2 BPSK	1	104	20.77	20.83	20.71		
40	PI/2 BPSK	50	0	20.63	20.81	20.69	21.2	0.0
40	PI/2 BPSK	50	28	20.72	20.78	20.80	21.2	0.0
40	PI/2 BPSK	50	56	20.67	20.80	20.81	21.2	0.0
40	PI/2 BPSK	100	0	20.83	20.82	20.67		
40	QPSK	1	1	20.90	20.94	20.92	21.2	0.0
40	QPSK	1	53	20.54	20.70	20.71		
40	QPSK	1	104	20.56	20.71	20.62		
40	QPSK	50	0	20.69	20.82	20.75	21.2	0.0
40	QPSK	50	28	20.78	20.86	20.77	21.2	0.0
40	QPSK	50	56	20.71	20.80	20.80	21.2	0.0
40	QPSK	100	0	20.70	20.78	20.63		
40	16QAM	1	1	20.57	20.63	20.42	21.2	0.0
40	64QAM	1	1	20.93	20.62	20.80	21.2	0.0
40	256QAM	1	1	20.69	20.84	20.76	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	20.69	20.74	20.71	21.2	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	20.71	20.92	20.87	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	20.82	20.75	20.91	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	20.77	20.89	20.87	21.2	0.0

n41 Ant2 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	20.80	20.95	20.86	21.7	0.0
100	PI/2 BPSK	1	137	20.73	20.92	20.74		
100	PI/2 BPSK	1	271	20.71	20.87	20.72		
100	PI/2 BPSK	135	0	21.03	21.06	20.96	21.7	0.0
100	PI/2 BPSK	135	69	20.94	21.09	21.10	21.7	0.0
100	PI/2 BPSK	135	138	20.88	21.08	21.09	21.7	0.0
100	PI/2 BPSK	270	0	21.03	21.07	20.88		
100	QPSK	1	1	21.13	21.28	21.24	21.7	0.0
100	QPSK	1	137	21.07	21.21	21.16		
100	QPSK	1	271	20.97	21.15	20.93		
100	QPSK	135	0	21.07	21.12	21.06	21.7	0.0
100	QPSK	135	69	21.13	21.24	20.98	21.7	0.0
100	QPSK	135	138	21.09	21.09	20.94	21.7	0.0
100	QPSK	270	0	20.92	21.12	21.02		
100	16QAM	1	1	20.91	21.10	21.07	21.7	0.0
100	64QAM	1	1	21.17	21.26	21.25	21.7	0.0
100	256QAM	1	1	20.63	20.74	20.58	21.2	0.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	20.94	21.25	21.15	21.7	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	21.07	21.08	21.04	21.7	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	21.00	21.20	21.26	21.7	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	20.95	21.08	21.17	21.7	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	21.03	21.17	21.25	21.7	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	20.92	21.09	21.03	21.7	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	21.09	21.09	21.12	21.7	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	21.04	21.23	21.15	21.7	0.0

n7 Ant3 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	20.49	20.57	20.52	22.0	0.0
40	PI/2 BPSK	1	108	20.46	20.44	20.42		
40	PI/2 BPSK	1	214	20.32	20.42	20.38		
40	PI/2 BPSK	108	0	20.39	20.52	20.49	22.0	0.0
40	PI/2 BPSK	108	54	20.57	20.60	20.57	22.0	0.0
40	PI/2 BPSK	108	108	20.52	20.55	20.54	22.0	0.0
40	PI/2 BPSK	216	0	20.34	20.36	20.32		
40	QPSK	1	1	20.60	20.64	20.56	22.0	0.0
40	QPSK	1	108	20.38	20.55	20.49		
40	QPSK	1	214	20.32	20.45	20.35		
40	QPSK	108	0	20.53	20.60	20.49	22.0	0.0
40	QPSK	108	54	20.39	20.55	20.49	22.0	0.0
40	QPSK	108	108	20.34	20.35	20.33	22.0	0.0
40	QPSK	216	0	20.51	20.52	20.50		
40	16QAM	1	1	20.32	20.50	20.49	22.0	0.0
40	64QAM	1	1	19.51	19.56	19.42	21.0	1.0
40	256QAM	1	1	17.46	17.64	17.54	19.0	3.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	20.51	20.62	20.51	22.0	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	20.52	20.56	20.39	22.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	20.57	20.50	20.44	22.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	20.39	20.60	20.46	22.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	20.47	20.61	20.41	22.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	20.36	20.59	20.45	22.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	20.25	20.43	20.23	21.8	0.0
40	PI/2 BPSK	1	53	20.30	20.41	20.29		
40	PI/2 BPSK	1	104	20.14	20.35	20.27		
40	PI/2 BPSK	50	0	20.28	20.37	20.34	21.8	0.0
40	PI/2 BPSK	50	28	20.22	20.29	20.27	21.8	0.0
40	PI/2 BPSK	50	56	20.29	20.28	20.08	21.8	0.0
40	PI/2 BPSK	100	0	20.22	20.30	20.20		
40	QPSK	1	1	20.36	20.45	20.30	21.8	0.0
40	QPSK	1	53	20.22	20.33	20.27		
40	QPSK	1	104	20.19	20.29	20.11		
40	QPSK	50	0	20.25	20.35	20.24	21.8	0.0
40	QPSK	50	28	20.41	20.44	20.26	21.8	0.0
40	QPSK	50	56	20.17	20.29	20.20	21.8	0.0
40	QPSK	100	0	20.23	20.34	20.16		
40	16QAM	1	1	20.25	20.35	20.35	21.8	0.0
40	64QAM	1	1	20.21	20.33	20.16	21.8	0.0
40	256QAM	1	1	18.35	18.37	18.19	19.8	2.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	20.14	20.31	20.09	21.8	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	20.16	20.33	20.14	21.8	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	20.34	20.30	20.21	21.8	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	20.19	20.30	20.28	21.8	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	20.35	20.40	20.41	22.0	0.0
100	PI/2 BPSK	1	137	20.33	20.38	20.26		
100	PI/2 BPSK	1	271	20.36	20.43	20.26		
100	PI/2 BPSK	135	0	20.42	20.46	20.35	22.0	0.0
100	PI/2 BPSK	135	69	20.32	20.39	20.24	22.0	0.0
100	PI/2 BPSK	135	138	20.27	20.33	20.23	22.0	0.0
100	PI/2 BPSK	270	0	20.35	20.39	20.41		
100	QPSK	1	1	20.38	20.50	20.46	22.0	0.0
100	QPSK	1	137	20.24	20.41	20.38		
100	QPSK	1	271	20.41	20.39	20.18		
100	QPSK	135	0	20.39	20.39	20.28	22.0	0.0
100	QPSK	135	69	20.28	20.46	20.42	22.0	0.0
100	QPSK	135	138	20.31	20.32	20.32	22.0	0.0
100	QPSK	270	0	20.28	20.36	20.16		
100	16QAM	1	1	20.36	20.48	20.34	22.0	0.0
100	64QAM	1	1	20.16	20.33	20.26	22.0	0.0
100	256QAM	1	1	18.52	18.63	18.48	20.0	2.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	20.34	20.48	20.28	22.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	20.22	20.38	20.30	22.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	20.19	20.45	20.39	22.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	20.36	20.45	20.29	22.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	20.34	20.41	20.31	22.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	20.30	20.37	20.35	22.0	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	20.41	20.42	22.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	20.39	20.28	20.33	22.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	17.83	17.86	17.86		
100	PI/2 BPSK	1	137	17.58	17.54	17.65	19.0	0.0
100	PI/2 BPSK	1	271	17.50	17.48	17.42		
100	PI/2 BPSK	135	0	17.44	17.64	17.59	19.0	0.0
100	PI/2 BPSK	135	69	17.71	17.68	17.63	19.0	0.0
100	PI/2 BPSK	135	138	17.53	17.50	17.61	19.0	0.0
100	PI/2 BPSK	270	0	17.55	17.46	17.74		
100	QPSK	1	1	17.77	17.95	17.79		
100	QPSK	1	137	17.56	17.57	17.45	19.0	0.0
100	QPSK	1	271	17.62	17.50	17.51		
100	QPSK	135	0	17.50	17.68	17.53	19.0	0.0
100	QPSK	135	69	17.86	17.90	17.80	19.0	0.0
100	QPSK	135	138	17.47	17.52	17.65	19.0	0.0
100	QPSK	270	0	17.75	17.83	17.71		
100	16QAM	1	1	17.81	17.81	17.81	19.0	0.0
100	64QAM	1	1	17.46	17.60	17.55	19.0	0.0
100	256QAM	1	1	17.53	17.62	17.61	19.0	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	17.72	17.94	17.72	19.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	17.58	17.90	17.66	19.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	17.58	17.93	17.69	19.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	17.61	17.84	17.80	19.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	17.64	17.74	17.79	19.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	17.61	17.81	17.68	19.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	17.77	17.86	17.66	19.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	17.75	17.85	17.61	19.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	17.73	17.81	17.73	19.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	17.57	17.83	17.80	19.0	0.0

PC2 Part27O n77 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				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	20.50	20.78	20.69		
100	PI/2 BPSK	1	137	20.76	20.68	20.59	22.0	0.0
100	PI/2 BPSK	1	271	20.58	20.58	20.67		
100	PI/2 BPSK	135	0	20.79	20.87	20.71	22.0	0.0
100	PI/2 BPSK	135	69	20.52	20.54	20.59	22.0	0.0
100	PI/2 BPSK	135	138	20.69	20.71	20.53	22.0	0.0
100	PI/2 BPSK	270	0	20.69	20.83	20.85		
100	QPSK	1	1	20.88	20.92	20.85		
100	QPSK	1	137	20.83	20.82	20.58	22.0	0.0
100	QPSK	1	271	20.69	20.67	20.46		
100	QPSK	135	0	20.68	20.76	20.83	22.0	0.0
100	QPSK	135	69	20.65	20.89	20.64	22.0	0.0
100	QPSK	135	138	20.54	20.65	20.44	22.0	0.0
100	QPSK	270	0	20.70	20.85	20.77		
100	16QAM	1	1	20.60	20.60	20.67	22.0	0.0
100	64QAM	1	1	20.79	20.72	20.69	22.0	0.0
100	256QAM	1	1	20.81	20.82	20.73	22.0	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	20.72	20.89	20.73	22.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	20.88	20.81	20.67	22.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	20.88	20.79	20.81	22.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	20.74	20.76	20.70	22.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	20.77	20.81	20.69	22.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	20.82	20.83	20.84	22.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	20.72	20.75	20.84	22.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	20.72	20.84	20.68	22.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	20.77	20.82	20.68	22.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	20.84	20.86	20.64	22.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		17.71		19.0	0.0
100	PI/2 BPSK	1	137		17.63			
100	PI/2 BPSK	1	271		17.41			
100	PI/2 BPSK	135	0		17.56		19.0	0.0
100	PI/2 BPSK	135	69		17.61		19.0	0.0
100	PI/2 BPSK	135	138		17.43		19.0	0.0
100	PI/2 BPSK	270	0		17.63			
100	QPSK	1	1		17.87		19.0	0.0
100	QPSK	1	137		17.55			
100	QPSK	1	271		17.72			
100	QPSK	135	0		17.57		19.0	0.0
100	QPSK	135	69		17.86		19.0	0.0
100	QPSK	135	138		17.65		19.0	0.0
100	QPSK	270	0		17.75			
100	16QAM	1	1		17.62		19.0	0.0
100	64QAM	1	1		17.78		19.0	0.0
100	256QAM	1	1		17.52		19.0	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	17.73	17.79	17.48	19.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	17.61	17.85	17.62	19.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	17.72	17.80	17.62	19.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	17.77	17.83	17.47	19.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	17.66	17.71	17.52	19.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	17.77	17.71	17.61	19.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	17.67	17.73	17.55	19.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	17.69	17.72	17.47	19.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	17.63	17.68	17.51	19.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	17.73	17.80	17.67	19.0	0.0

PC2 Part27Q n77 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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		20.63		22.0	0.0
100	PI/2 BPSK	1	137		20.71			
100	PI/2 BPSK	1	271		20.57			
100	PI/2 BPSK	135	0		20.58		22.0	0.0
100	PI/2 BPSK	135	69		20.68		22.0	0.0
100	PI/2 BPSK	135	138		20.64		22.0	0.0
100	PI/2 BPSK	270	0		20.66			
100	QPSK	1	1		20.86		22.0	0.0
100	QPSK	1	137		20.62			
100	QPSK	1	271		20.63			
100	QPSK	135	0		20.54		22.0	0.0
100	QPSK	135	69		20.79		22.0	0.0
100	QPSK	135	138		20.55		22.0	0.0
100	QPSK	270	0		20.76			
100	16QAM	1	1		20.51		22.0	0.0
100	64QAM	1	1		20.73		22.0	0.0
100	256QAM	1	1		20.44		22.0	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	20.70	20.78	20.69	22.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	20.77	20.80	20.65	22.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	20.78	20.71	20.62	22.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	20.83	20.85	20.64	22.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	20.83	20.67	20.66	22.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	20.61	20.83	20.77	22.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	20.78	20.72	20.62	22.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	20.67	20.76	20.57	22.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	20.69	20.79	20.66	22.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	20.74	20.64	20.75	22.0	0.0

PC3 Part27O n78 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				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		18.19		19.5	0.0
100	PI/2 BPSK	1	137		18.15			
100	PI/2 BPSK	1	271		18.07			
100	PI/2 BPSK	135	0		18.08		19.5	0.0
100	PI/2 BPSK	135	69		18.09		19.5	0.0
100	PI/2 BPSK	135	138		18.03		19.5	0.0
100	PI/2 BPSK	270	0		18.08			
100	QPSK	1	1		18.35		19.5	0.0
100	QPSK	1	137		18.15			
100	QPSK	1	271		18.14			
100	QPSK	135	0		18.12		19.5	0.0
100	QPSK	135	69		18.27		19.5	0.0
100	QPSK	135	138		18.15		19.5	0.0
100	QPSK	270	0		18.25			
100	16QAM	1	1		18.00		19.5	0.0
100	64QAM	1	1		17.90		19.5	0.0
100	256QAM	1	1		18.08		19.5	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	18.12	18.15	18.15	19.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	18.08	18.19	18.14	19.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	18.27	18.22	18.02	19.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	18.09	18.29	18.14	19.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	18.21	18.15	18.16	19.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	18.07	18.28	18.10	19.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	18.19	18.22	18.11	19.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	18.19	18.28	18.02	19.5	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	18.18	18.20	17.97	19.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	18.09	18.16	17.99	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		21.35		22.5	0.0
100	PI/2 BPSK	1	137		21.34			
100	PI/2 BPSK	1	271		21.30			
100	PI/2 BPSK	135	0		21.33		22.5	0.0
100	PI/2 BPSK	135	69		21.36		22.5	0.0
100	PI/2 BPSK	135	138		21.32		22.5	0.0
100	PI/2 BPSK	270	0		21.35			
100	QPSK	1	1		21.37		22.5	0.0
100	QPSK	1	137		21.35			
100	QPSK	1	271		21.30			
100	QPSK	135	0		21.31		22.5	0.0
100	QPSK	135	69		21.34		22.5	0.0
100	QPSK	135	138		21.32		22.5	0.0
100	QPSK	270	0		21.31			
100	16QAM	1	1		21.13		22.5	0.0
100	64QAM	1	1		21.21		22.5	0.0
100	256QAM	1	1		21.13		22.5	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	21.17	21.28	21.26	22.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	21.21	21.35	21.23	22.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	21.29	21.20	21.29	22.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	21.23	21.30	21.23	22.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	21.18	21.16	21.32	22.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	21.27	21.24	21.17	22.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	21.15	21.20	21.33	22.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	21.11	21.21	21.27	22.5	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	21.28	21.33	21.20	22.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	21.23	21.32	21.21	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		18.14		19.5	0.0
100	PI/2 BPSK	1	137		18.00			
100	PI/2 BPSK	1	271		18.05			
100	PI/2 BPSK	135	0		18.01		19.5	0.0
100	PI/2 BPSK	135	69		18.05		19.5	0.0
100	PI/2 BPSK	135	138		17.89		19.5	0.0
100	PI/2 BPSK	270	0		17.99			
100	QPSK	1	1		18.24		19.5	0.0
100	QPSK	1	137		18.12			
100	QPSK	1	271		18.10			
100	QPSK	135	0		17.97		19.5	0.0
100	QPSK	135	69		18.21		19.5	0.0
100	QPSK	135	138		17.98		19.5	0.0
100	QPSK	270	0		18.17			
100	16QAM	1	1		17.89		19.5	0.0
100	64QAM	1	1		17.71		19.5	0.0
100	256QAM	1	1		17.97		19.5	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	18.05	18.19	18.05	19.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	18.01	18.17	18.18	19.5	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	18.05	18.10	18.03	19.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	18.14	18.05	18.13	19.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	18.01	18.14	18.10	19.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	18.04	18.23	18.13	19.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	18.14	18.16	18.06	19.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	18.06	18.15	18.19	19.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	18.10	18.14	18.13	19.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	18.17	18.20	18.06	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		21.15		22.5	0.0
100	PI/2 BPSK	1	137		21.00			
100	PI/2 BPSK	1	271		20.97			
100	PI/2 BPSK	135	0		20.93		22.5	0.0
100	PI/2 BPSK	135	69		20.95		22.5	0.0
100	PI/2 BPSK	135	138		20.93		22.5	0.0
100	PI/2 BPSK	270	0		21.05			
100	QPSK	1	1		21.26		22.5	0.0
100	QPSK	1	137		21.21			
100	QPSK	1	271		21.11			
100	QPSK	135	0		20.99		22.5	0.0
100	QPSK	135	69		21.23		22.5	0.0
100	QPSK	135	138		20.89		22.5	0.0
100	QPSK	270	0		21.21			
100	16QAM	1	1		20.86		22.5	0.0
100	64QAM	1	1		20.70		22.5	0.0
100	256QAM	1	1		21.04		22.5	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	21.10	21.12	21.11	22.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	21.13	21.25	21.22	22.5	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	21.11	21.08	21.13	22.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	21.20	21.08	21.17	22.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	21.02	21.16	21.12	22.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	21.12	21.23	21.09	22.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	21.15	21.20	21.19	22.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	21.09	21.20	21.10	22.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	21.05	21.12	21.05	22.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	21.15	21.15	21.10	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				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	18.19	18.31	18.26		
100	PI/2 BPSK	1	137	18.27	18.25	18.15	20.1	0.0
100	PI/2 BPSK	1	271	18.44	18.55	18.38		
100	PI/2 BPSK	135	0	18.42	18.45	18.39	20.1	0.0
100	PI/2 BPSK	135	69	18.23	18.33	18.39	20.1	0.0
100	PI/2 BPSK	135	138	18.30	18.48	18.46	20.1	0.0
100	PI/2 BPSK	270	0	18.47	18.35	18.32		
100	QPSK	1	1	18.48	18.59	18.51		
100	QPSK	1	137	18.39	18.45	18.32	20.1	0.0
100	QPSK	1	271	18.45	18.54	18.47		
100	QPSK	135	0	18.27	18.42	18.31	20.1	0.0
100	QPSK	135	69	18.46	18.55	18.50	20.1	0.0
100	QPSK	135	138	18.29	18.33	18.34	20.1	0.0
100	QPSK	270	0	18.25	18.33	18.24		
100	16QAM	1	1	18.36	18.48	18.38	20.1	0.0
100	64QAM	1	1	18.54	18.40	18.53	20.1	0.0
100	256QAM	1	1	18.43	18.44	18.50	20.1	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	18.35	18.47	18.48	20.1	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	18.36	18.56	18.46	20.1	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	18.40	18.46	18.39	20.1	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	18.38	18.57	18.45	20.1	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	18.41	18.55	18.39	20.1	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	18.45	18.57	18.42	20.1	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	18.36	18.43	18.33	20.1	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	18.34	18.50	18.55	20.1	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	18.36	18.44	18.41	20.1	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	18.49	18.57	18.32	20.1	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	21.14	21.31	21.17		
100	PI/2 BPSK	1	137	21.34	21.40	21.30	23.1	0.0
100	PI/2 BPSK	1	271	21.50	21.32	21.30		
100	PI/2 BPSK	135	0	21.43	21.33	21.25	23.1	0.0
100	PI/2 BPSK	135	69	21.24	21.34	21.38	23.1	0.0
100	PI/2 BPSK	135	138	21.31	21.48	21.34	23.1	0.0
100	PI/2 BPSK	270	0	21.46	21.30	21.31		
100	QPSK	1	1	21.48	21.61	21.45		
100	QPSK	1	137	21.45	21.52	21.52	23.1	0.0
100	QPSK	1	271	21.39	21.52	21.47		
100	QPSK	135	0	21.32	21.36	21.33	23.1	0.0
100	QPSK	135	69	21.42	21.53	21.30	23.1	0.0
100	QPSK	135	138	21.46	21.11	21.39	23.1	0.0
100	QPSK	270	0	21.32	21.44	21.33		
100	16QAM	1	1	21.28	21.50	21.39	23.1	0.0
100	64QAM	1	1	21.34	21.33	21.27	23.1	0.0
100	256QAM	1	1	21.30	21.51	21.41	22.6	0.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	21.43	21.37	21.47	23.1	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	21.24	21.38	21.31	23.1	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	21.32	21.38	21.42	23.1	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	21.38	21.36	21.39	23.1	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	21.42	21.45	21.37	23.1	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	21.22	21.38	21.49	23.1	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	21.23	21.23	21.42	23.1	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	21.32	21.39	21.31	23.1	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	21.44	21.33	21.35	23.1	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	21.40	21.42	21.30	23.1	0.0

PC3 Part27Q n77 Ant7 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		18.38		20.1	0.0
100	PI/2 BPSK	1	137		18.58			
100	PI/2 BPSK	1	271		18.52			
100	PI/2 BPSK	135	0		18.51		20.1	0.0
100	PI/2 BPSK	135	69		18.40		20.1	0.0
100	PI/2 BPSK	135	138		18.61		20.1	0.0
100	PI/2 BPSK	270	0		18.34			
100	QPSK	1	1		18.64		20.1	0.0
100	QPSK	1	137		18.38			
100	QPSK	1	271		18.54			
100	QPSK	135	0		18.43		20.1	0.0
100	QPSK	135	69		18.50		20.1	0.0
100	QPSK	135	138		18.45		20.1	0.0
100	QPSK	270	0		18.44			
100	16QAM	1	1		18.45		20.1	0.0
100	64QAM	1	1		18.44		20.1	0.0
100	256QAM	1	1		18.29		20.1	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	18.34	18.50	18.44	20.1	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	18.53	18.36	18.42	20.1	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	18.36	18.47	18.57	20.1	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	18.50	18.47	18.39	20.1	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	18.50	18.36	18.37	20.1	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	18.38	18.36	18.61	20.1	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	18.46	18.39	18.59	20.1	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	18.35	18.41	18.59	20.1	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	18.45	18.34	18.40	20.1	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	18.46	18.50	18.42	20.1	0.0

PC2 Part27Q n77 Ant7 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		21.37		23.1	0.0
100	PI/2 BPSK	1	137		21.63			
100	PI/2 BPSK	1	271		21.73			
100	PI/2 BPSK	135	0		21.57		23.1	0.0
100	PI/2 BPSK	135	69		21.43		23.1	0.0
100	PI/2 BPSK	135	138		21.67		23.1	0.0
100	PI/2 BPSK	270	0		21.46			
100	QPSK	1	1		21.77		23.1	0.0
100	QPSK	1	137		21.54			
100	QPSK	1	271		21.73			
100	QPSK	135	0		21.57		23.1	0.0
100	QPSK	135	69		21.58		23.1	0.0
100	QPSK	135	138		21.45		23.1	0.0
100	QPSK	270	0		21.47			
100	16QAM	1	1		21.55		23.1	0.0
100	64QAM	1	1		21.52		23.1	0.0
100	256QAM	1	1		20.76		22.6	0.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	21.45	21.41	21.38	23.1	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	21.51	21.49	21.52	23.1	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	21.42	21.52	21.44	23.1	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	21.37	21.60	21.46	23.1	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	21.36	21.46	21.54	23.1	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	21.50	21.45	21.43	23.1	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	21.42	21.62	21.54	23.1	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	21.56	21.54	21.42	23.1	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	21.46	21.57	21.45	23.1	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	21.41	21.60	21.36	23.1	0.0

PC3 Part27O n78 Ant7 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		18.30		20.1	0.0
100	PI/2 BPSK	1	137		18.28			
100	PI/2 BPSK	1	271		18.32			
100	PI/2 BPSK	135	0		18.28		20.1	0.0
100	PI/2 BPSK	135	69		18.28		20.1	0.0
100	PI/2 BPSK	135	138		18.40		20.1	0.0
100	PI/2 BPSK	270	0		18.29			
100	QPSK	1	1		18.46		20.1	0.0
100	QPSK	1	137		18.26			
100	QPSK	1	271		18.29			
100	QPSK	135	0		18.33		20.1	0.0
100	QPSK	135	69		18.26		20.1	0.0
100	QPSK	135	138		18.25		20.1	0.0
100	QPSK	270	0		18.30			
100	16QAM	1	1		18.38		20.1	0.0
100	64QAM	1	1		18.27		20.1	0.0
100	256QAM	1	1		18.24		20.1	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	18.15	18.26	18.22	20.1	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	18.28	18.37	18.29	20.1	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	18.18	18.21	18.21	20.1	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	18.23	18.29	18.31	20.1	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	18.33	18.19	18.30	20.1	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	18.23	18.31	18.34	20.1	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	18.28	18.21	18.20	20.1	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	18.17	18.20	18.32	20.1	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	18.18	18.19	18.37	20.1	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	18.26	18.18	18.18	20.1	0.0

PC2 Part27O n78 Ant7 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		21.42		23.1	0.0
100	PI/2 BPSK	1	137		21.18			
100	PI/2 BPSK	1	271		21.22			
100	PI/2 BPSK	135	0		21.32		23.1	0.0
100	PI/2 BPSK	135	69		21.19		23.1	0.0
100	PI/2 BPSK	135	138		21.44		23.1	0.0
100	PI/2 BPSK	270	0		21.38			
100	QPSK	1	1		21.47		23.1	0.0
100	QPSK	1	137		21.22			
100	QPSK	1	271		21.36			
100	QPSK	135	0		21.26		23.1	0.0
100	QPSK	135	69		21.28		23.1	0.0
100	QPSK	135	138		21.22		23.1	0.0
100	QPSK	270	0		21.37			
100	16QAM	1	1		21.43		23.1	0.0
100	64QAM	1	1		21.17		23.1	0.0
100	256QAM	1	1		20.70		22.6	0.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	21.18	21.37	21.13	23.1	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	21.26	21.29	21.26	23.1	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	21.15	21.17	21.27	23.1	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	21.22	21.28	21.28	23.1	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	21.16	21.27	21.19	23.1	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	21.16	21.37	21.19	23.1	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	21.24	21.27	21.25	23.1	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	21.25	21.38	21.25	23.1	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	21.23	21.35	21.25	23.1	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	21.15	21.19	21.19	23.1	0.0

PC3 Part27Q n78 Ant7 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		18.50		20.1	0.0
100	PI/2 BPSK	1	137		18.48			
100	PI/2 BPSK	1	271		18.32			
100	PI/2 BPSK	135	0		18.31		20.1	0.0
100	PI/2 BPSK	135	69		18.31		20.1	0.0
100	PI/2 BPSK	135	138		18.31		20.1	0.0
100	PI/2 BPSK	270	0		18.31			
100	QPSK	1	1		18.52		20.1	0.0
100	QPSK	1	137		18.38			
100	QPSK	1	271		18.19			
100	QPSK	135	0		18.20		20.1	0.0
100	QPSK	135	69		18.48		20.1	0.0
100	QPSK	135	138		18.38		20.1	0.0
100	QPSK	270	0		18.38			
100	16QAM	1	1		18.26		20.1	0.0
100	64QAM	1	1		18.30		20.1	0.0
100	256QAM	1	1		18.35		20.1	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	18.43	18.46	18.27	20.1	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	18.43	18.47	18.34	20.1	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	18.44	18.39	18.38	20.1	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	18.47	18.38	18.46	20.1	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	18.48	18.26	18.42	20.1	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	18.50	18.32	18.30	20.1	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	18.41	18.33	18.35	20.1	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	18.46	18.26	18.43	20.1	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	18.49	18.40	18.25	20.1	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	18.33	18.34	18.38	20.1	0.0

PC2 Part27Q n78 Ant7 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		21.54		23.1	0.0
100	PI/2 BPSK	1	137		21.61			
100	PI/2 BPSK	1	271		21.34			
100	PI/2 BPSK	135	0		21.51		23.1	0.0
100	PI/2 BPSK	135	69		21.31		23.1	0.0
100	PI/2 BPSK	135	138		21.50		23.1	0.0
100	PI/2 BPSK	270	0		21.49			
100	QPSK	1	1		21.63		23.1	0.0
100	QPSK	1	137		21.51			
100	QPSK	1	271		21.39			
100	QPSK	135	0		21.39		23.1	0.0
100	QPSK	135	69		21.57		23.1	0.0
100	QPSK	135	138		21.44		23.1	0.0
100	QPSK	270	0		21.41			
100	16QAM	1	1		21.40		23.1	0.0
100	64QAM	1	1		21.37		23.1	0.0
100	256QAM	1	1		20.72		22.6	0.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	21.41	21.53	21.50	23.1	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	21.46	21.48	21.51	23.1	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	21.47	21.60	21.53	23.1	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	21.36	21.60	21.51	23.1	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	21.16	21.21	21.17	23.1	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	21.49	21.54	21.40	23.1	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	21.51	21.40	21.57	23.1	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	21.16	21.21	21.17	23.1	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	21.46	21.54	21.48	23.1	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	21.35	21.57	21.48	23.1	0.0

PC3 Part27O n77 Ant8 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	14.88	15.04	14.96		
100	PI/2 BPSK	1	137	14.82	14.93	14.96	16.5	0.0
100	PI/2 BPSK	1	271	14.73	14.77	14.69		
100	PI/2 BPSK	135	0	15.00	14.98	14.89	16.5	0.0
100	PI/2 BPSK	135	69	14.92	14.94	14.93	16.5	0.0
100	PI/2 BPSK	135	138	14.83	14.86	14.99	16.5	0.0
100	PI/2 BPSK	270	0	14.92	14.77	15.12		
100	QPSK	1	1	15.09	15.13	15.06		
100	QPSK	1	137	14.81	14.84	14.77	16.5	0.0
100	QPSK	1	271	14.89	14.75	14.78		
100	QPSK	135	0	14.85	14.95	14.86	16.5	0.0
100	QPSK	135	69	14.97	15.08	15.01	16.5	0.0
100	QPSK	135	138	15.07	15.01	15.04	16.5	0.0
100	QPSK	270	0	14.95	15.05	14.91		
100	16QAM	1	1	14.87	14.85	14.88	16.5	0.0
100	64QAM	1	1	14.91	14.98	14.84	16.5	0.0
100	256QAM	1	1	14.95	14.94	14.81	16.5	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	15.09	14.92	15.06	16.5	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	15.10	14.98	15.02	16.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	15.03	15.00	14.89	16.5	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	15.05	14.94	14.87	16.5	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	14.90	15.01	14.89	16.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	14.88	14.97	14.93	16.5	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	14.99	14.91	15.05	16.5	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	15.08	15.06	15.06	16.5	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	15.07	14.93	14.86	16.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	14.94	15.08	14.90	16.5	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	18.04	18.00	18.09		
100	PI/2 BPSK	1	137	17.93	17.87	18.05	19.5	0.0
100	PI/2 BPSK	1	271	17.97	17.79	17.84		
100	PI/2 BPSK	135	0	18.00	17.96	17.96	19.5	0.0
100	PI/2 BPSK	135	69	18.09	18.15	18.09	19.5	0.0
100	PI/2 BPSK	135	138	17.98	17.97	18.04	19.5	0.0
100	PI/2 BPSK	270	0	17.99	17.79	18.18		
100	QPSK	1	1	18.19	18.20	18.17		
100	QPSK	1	137	17.92	17.87	17.76	19.5	0.0
100	QPSK	1	271	18.07	17.95	17.84		
100	QPSK	135	0	17.94	18.03	18.02	19.5	0.0
100	QPSK	135	69	18.06	18.15	18.04	19.5	0.0
100	QPSK	135	138	18.08	18.10	18.02	19.5	0.0
100	QPSK	270	0	18.02	18.09	17.98		
100	16QAM	1	1	18.04	17.91	17.92	19.5	0.0
100	64QAM	1	1	18.10	18.03	18.04	19.5	0.0
100	256QAM	1	1	18.05	18.05	18.00	19.5	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	18.06	18.00	18.16	19.5	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	17.98	18.16	17.95	19.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	18.09	18.08	18.15	19.5	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	18.08	18.00	18.09	19.5	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	18.14	18.02	17.97	19.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	18.16	18.12	18.06	19.5	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	18.17	18.05	18.08	19.5	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	18.04	18.15	18.15	19.5	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	18.14	18.17	18.00	19.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	18.18	18.15	18.10	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		15.02		16.5	0.0
100	PI/2 BPSK	1	137		14.89			
100	PI/2 BPSK	1	271		14.75			
100	PI/2 BPSK	135	0		14.93		16.5	0.0
100	PI/2 BPSK	135	69		14.83		16.5	0.0
100	PI/2 BPSK	135	138		14.72		16.5	0.0
100	PI/2 BPSK	270	0		14.67			
100	QPSK	1	1		15.06		16.5	0.0
100	QPSK	1	137		14.73			
100	QPSK	1	271		14.57			
100	QPSK	135	0		14.92		16.5	0.0
100	QPSK	135	69		14.97		16.5	0.0
100	QPSK	135	138		14.87		16.5	0.0
100	QPSK	270	0		14.91			
100	16QAM	1	1		14.76		16.5	0.0
100	64QAM	1	1		14.80		16.5	0.0
100	256QAM	1	1		14.79		16.5	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	14.95	15.03	14.80	16.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	14.83	14.88	14.81	16.5	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	14.90	14.85	14.95	16.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	14.83	14.95	15.00	16.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	14.90	14.85	14.85	16.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	14.92	14.98	15.03	16.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	14.83	14.99	14.91	16.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	14.93	14.97	15.01	16.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	14.88	15.00	14.87	16.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	14.81	15.05	14.91	16.5	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		17.75		19.5	0.0
100	PI/2 BPSK	1	137		17.72			
100	PI/2 BPSK	1	271		17.70			
100	PI/2 BPSK	135	0		17.79		19.5	0.0
100	PI/2 BPSK	135	69		17.81		19.5	0.0
100	PI/2 BPSK	135	138		17.84		19.5	0.0
100	PI/2 BPSK	270	0		17.60			
100	QPSK	1	1		17.95		19.5	0.0
100	QPSK	1	137		17.60			
100	QPSK	1	271		17.66			
100	QPSK	135	0		17.91		19.5	0.0
100	QPSK	135	69		17.92		19.5	0.0
100	QPSK	135	138		17.83		19.5	0.0
100	QPSK	270	0		17.91			
100	16QAM	1	1		17.74		19.5	0.0
100	64QAM	1	1		17.74		19.5	0.0
100	256QAM	1	1		17.94		19.5	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	17.87	17.91	17.69	19.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	17.87	17.94	17.83	19.5	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	17.72	17.85	17.80	19.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	17.86	17.84	17.77	19.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	17.69	17.83	17.82	19.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	17.88	17.90	17.83	19.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	17.73	17.75	17.90	19.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	17.89	17.92	17.72	19.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	17.91	17.77	17.68	19.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	17.81	17.88	17.69	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		15.79		17.5	0.0
100	PI/2 BPSK	1	137		15.54			
100	PI/2 BPSK	1	271		15.76			
100	PI/2 BPSK	135	0		15.73		17.5	0.0
100	PI/2 BPSK	135	69		15.84		17.5	0.0
100	PI/2 BPSK	135	138		15.74		17.5	0.0
100	PI/2 BPSK	270	0		15.64			
100	QPSK	1	1		15.96		17.5	0.0
100	QPSK	1	137		15.74			
100	QPSK	1	271		15.60			
100	QPSK	135	0		15.74		17.5	0.0
100	QPSK	135	69		15.91		17.5	0.0
100	QPSK	135	138		15.72		17.5	0.0
100	QPSK	270	0		15.88			
100	16QAM	1	1		15.77		17.5	0.0
100	64QAM	1	1		15.72		17.5	0.0
100	256QAM	1	1		15.76		17.5	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	15.86	15.77	15.82	17.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	15.84	15.74	15.87	17.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	15.80	15.88	15.87	17.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	15.76	15.85	15.66	17.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	15.82	15.82	15.88	17.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	15.85	15.89	15.77	17.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	15.69	15.88	15.70	17.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	15.81	15.93	15.78	17.5	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	15.69	15.93	15.86	17.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	15.86	15.87	15.83	17.5	0.0

PC2 Part27O n78 Ant8 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		18.79		20.5	0.0
100	PI/2 BPSK	1	137		18.79			
100	PI/2 BPSK	1	271		18.76			
100	PI/2 BPSK	135	0		18.91		20.5	0.0
100	PI/2 BPSK	135	69		18.81		20.5	0.0
100	PI/2 BPSK	135	138		18.74		20.5	0.0
100	PI/2 BPSK	270	0		18.87			
100	QPSK	1	1		18.92		20.5	0.0
100	QPSK	1	137		18.77			
100	QPSK	1	271		18.80			
100	QPSK	135	0		18.62		20.5	0.0
100	QPSK	135	69		18.87		20.5	0.0
100	QPSK	135	138		18.75		20.5	0.0
100	QPSK	270	0		18.82			
100	16QAM	1	1		18.85		20.5	0.0
100	64QAM	1	1		18.70		20.5	0.0
100	256QAM	1	1		18.62		20.5	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	18.87	18.87	18.79	20.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	18.79	18.77	18.79	20.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	18.91	18.86	18.67	20.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	18.72	18.72	18.63	20.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	18.74	18.87	18.58	20.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	18.80	18.84	18.57	20.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	18.83	18.84	18.73	20.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	18.72	18.71	18.59	20.5	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	18.72	18.82	18.74	20.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	18.74	18.78	18.58	20.5	0.0

PC3 Part27Q n78 Ant8 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		15.71		17.5	0.0
100	PI/2 BPSK	1	137		15.71			
100	PI/2 BPSK	1	271		15.78			
100	PI/2 BPSK	135	0		15.80		17.5	0.0
100	PI/2 BPSK	135	69		15.73		17.5	0.0
100	PI/2 BPSK	135	138		15.75		17.5	0.0
100	PI/2 BPSK	270	0		15.70			
100	QPSK	1	1		15.81		17.5	0.0
100	QPSK	1	137		15.58			
100	QPSK	1	271		15.67			
100	QPSK	135	0		15.61		17.5	0.0
100	QPSK	135	69		15.78		17.5	0.0
100	QPSK	135	138		15.67		17.5	0.0
100	QPSK	270	0		15.75			
100	16QAM	1	1		15.71		17.5	0.0
100	64QAM	1	1		15.64		17.5	0.0
100	256QAM	1	1		15.66		17.5	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	15.61	15.69	15.51	17.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	15.61	15.78	15.55	17.5	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	15.56	15.78	15.71	17.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	15.55	15.65	15.73	17.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	15.56	15.71	15.57	17.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	15.54	15.63	15.70	17.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	15.63	15.79	15.67	17.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	15.57	15.60	15.60	17.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	15.61	15.78	15.52	17.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	15.67	15.62	15.68	17.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		18.79		20.5	0.0
100	PI/2 BPSK	1	137		18.63			
100	PI/2 BPSK	1	271		18.85			
100	PI/2 BPSK	135	0		18.78		20.5	0.0
100	PI/2 BPSK	135	69		18.68		20.5	0.0
100	PI/2 BPSK	135	138		18.80		20.5	0.0
100	PI/2 BPSK	270	0		18.84			
100	QPSK	1	1		18.88		20.5	0.0
100	QPSK	1	137		18.66			
100	QPSK	1	271		18.80			
100	QPSK	135	0		18.66		20.5	0.0
100	QPSK	135	69		18.85		20.5	0.0
100	QPSK	135	138		18.66		20.5	0.0
100	QPSK	270	0		18.76			
100	16QAM	1	1		18.80		20.5	0.0
100	64QAM	1	1		18.71		20.5	0.0
100	256QAM	1	1		18.70		20.5	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	18.70	18.76	18.68	20.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	18.63	18.68	18.57	20.5	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	18.65	18.75	18.66	20.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	18.67	18.79	18.54	20.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	18.73	18.87	18.54	20.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	18.77	18.79	18.74	20.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	18.60	18.70	18.69	20.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	18.64	18.75	18.65	20.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	18.64	18.72	18.73	20.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	18.67	18.85	18.55	20.5	0.0

PC3 Part27O n77 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				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	18.97	18.93	18.49		
100	PI/2 BPSK	1	137	18.93	18.94	18.61	20.0	0.0
100	PI/2 BPSK	1	271	18.98	18.91	18.37		
100	PI/2 BPSK	135	0	18.61	18.95	18.27	20.0	0.0
100	PI/2 BPSK	135	69	18.74	18.96	18.62	20.0	0.0
100	PI/2 BPSK	135	138	19.00	19.07	18.61	20.0	0.0
100	PI/2 BPSK	270	0	18.81	18.80	18.32		
100	QPSK	1	1	19.06	19.17	18.97		
100	QPSK	1	137	18.89	18.88	18.38	20.0	0.0
100	QPSK	1	271	18.86	18.96	18.41		
100	QPSK	135	0	18.81	18.92	18.42	20.0	0.0
100	QPSK	135	69	18.95	19.14	18.44	20.0	0.0
100	QPSK	135	138	18.83	18.93	18.38	20.0	0.0
100	QPSK	270	0	18.86	18.98	18.48		
100	16QAM	1	1	18.82	18.86	18.37	20.0	0.0
100	64QAM	1	1	17.29	17.37	16.94	18.5	1.5
100	256QAM	1	1	15.37	15.51	15.02	16.5	3.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	18.82	19.01	18.45	20.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	18.80	19.03	18.42	20.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	18.89	18.83	18.34	20.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	18.73	18.92	18.45	20.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	18.78	18.98	18.33	20.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	18.90	18.85	18.32	20.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	18.94	18.93	18.37	20.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	18.95	19.03	18.36	20.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	18.94	19.06	18.38	20.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	18.90	19.02	18.39	20.0	0.0

PC2 Part27O n77 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				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	21.73	21.84	21.59		
100	PI/2 BPSK	1	137	21.91	21.94	21.56	23.0	0.0
100	PI/2 BPSK	1	271	21.87	21.93	21.51		
100	PI/2 BPSK	135	0	21.23	21.31	21.12	22.5	0.5
100	PI/2 BPSK	135	69	21.62	21.77	21.51	23.0	0.0
100	PI/2 BPSK	135	138	21.20	21.30	21.10	22.5	0.5
100	PI/2 BPSK	270	0	21.27	21.34	21.10		
100	QPSK	1	1	21.95	22.00	21.53		
100	QPSK	1	137	21.85	21.97	21.62	23.0	0.0
100	QPSK	1	271	21.85	21.96	21.58		
100	QPSK	135	0	20.64	20.79	20.51	22.0	1.0
100	QPSK	135	69	21.81	21.91	21.53	23.0	0.0
100	QPSK	135	138	20.71	20.77	20.54	22.0	1.0
100	QPSK	270	0	20.72	20.87	20.52		
100	16QAM	1	1	20.78	20.82	20.58	22.0	1.0
100	64QAM	1	1	19.20	19.35	19.01	20.5	2.5
100	256QAM	1	1	17.35	17.39	17.01	18.5	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	21.84	21.87	21.51	23.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	21.81	21.86	21.54	23.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	21.79	21.87	21.58	23.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	21.87	21.84	21.57	23.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	21.91	21.94	21.58	23.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	21.82	21.86	21.54	23.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	21.79	21.95	21.57	23.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	21.93	21.90	21.59	23.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	21.89	21.86	21.59	23.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	21.80	21.92	21.54	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		18.83		20.0	0.0
100	PI/2 BPSK	1	137		18.62			
100	PI/2 BPSK	1	271		18.78			
100	PI/2 BPSK	135	0		18.69		20.0	0.0
100	PI/2 BPSK	135	69		18.66		20.0	0.0
100	PI/2 BPSK	135	138		18.63		20.0	0.0
100	PI/2 BPSK	270	0		18.73			
100	QPSK	1	1		18.95		20.0	0.0
100	QPSK	1	137		18.88			
100	QPSK	1	271		18.77			
100	QPSK	135	0		18.78		20.0	0.0
100	QPSK	135	69		18.87		20.0	0.0
100	QPSK	135	138		18.83		20.0	0.0
100	QPSK	270	0		18.91			
100	16QAM	1	1		18.86		20.0	0.0
100	64QAM	1	1		17.19		18.5	1.5
100	256QAM	1	1		15.30		16.5	3.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	18.89	18.62	18.72	20.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	18.85	18.82	18.70	20.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	18.89	18.74	18.83	20.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	18.88	18.77	18.65	20.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	18.86	18.68	18.70	20.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	18.72	18.71	18.63	20.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	18.84	18.85	18.68	20.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	18.74	18.63	18.62	20.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	18.71	18.76	18.68	20.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	18.72	18.69	18.67	20.0	0.0

PC2 Part27Q n77 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		21.83		23.0	0.0
100	PI/2 BPSK	1	137		21.79			
100	PI/2 BPSK	1	271		21.87			
100	PI/2 BPSK	135	0		21.18		22.5	0.5
100	PI/2 BPSK	135	69		21.83		23.0	0.0
100	PI/2 BPSK	135	138		21.33		22.5	0.5
100	PI/2 BPSK	270	0		21.25			
100	QPSK	1	1		21.92		23.0	0.0
100	QPSK	1	137		21.89			
100	QPSK	1	271		21.87			
100	QPSK	135	0		20.95		22.0	1.0
100	QPSK	135	69		21.85		23.0	0.0
100	QPSK	135	138		20.95		22.0	1.0
100	QPSK	270	0		21.03			
100	16QAM	1	1		20.93		22.0	1.0
100	64QAM	1	1		19.21		20.5	2.5
100	256QAM	1	1		17.36		18.5	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	21.84	21.77	21.82	23.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	21.76	21.77	21.80	23.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	21.79	21.81	21.84	23.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	21.79	21.79	21.79	23.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	21.83	21.84	21.88	23.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	21.84	21.88	21.80	23.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	21.81	21.89	21.82	23.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	21.76	21.77	21.85	23.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	21.84	21.87	21.83	23.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	21.88	21.78	21.83	23.0	0.0

PC3 Part27O 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				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		18.17		19.5	0.0
100	PI/2 BPSK	1	137		18.22			
100	PI/2 BPSK	1	271		18.12			
100	PI/2 BPSK	135	0		18.09		19.5	0.0
100	PI/2 BPSK	135	69		18.18		19.5	0.0
100	PI/2 BPSK	135	138		18.07		19.5	0.0
100	PI/2 BPSK	270	0		18.27			
100	QPSK	1	1		18.39		19.5	0.0
100	QPSK	1	137		18.21			
100	QPSK	1	271		18.29			
100	QPSK	135	0		18.31		19.5	0.0
100	QPSK	135	69		18.38		19.5	0.0
100	QPSK	135	138		18.33		19.5	0.0
100	QPSK	270	0		18.28			
100	16QAM	1	1		18.22		19.5	0.0
100	64QAM	1	1		17.12		18.5	1.0
100	256QAM	1	1		15.23		16.5	3.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	18.20	18.14	18.12	19.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	18.18	18.30	18.10	19.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	18.36	18.14	18.22	19.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	18.31	18.10	18.11	19.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	18.27	18.26	18.29	19.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	18.35	18.10	18.26	19.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	18.27	18.09	18.20	19.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	18.33	18.27	18.28	19.5	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	18.19	18.28	18.26	19.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	18.23	18.27	18.18	19.5	0.0

PC2 Part27O 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				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		21.19		22.5	0.0
100	PI/2 BPSK	1	137		21.18			
100	PI/2 BPSK	1	271		21.27			
100	PI/2 BPSK	135	0		21.11		22.5	0.0
100	PI/2 BPSK	135	69		21.08		22.5	0.0
100	PI/2 BPSK	135	138		21.22		22.5	0.0
100	PI/2 BPSK	270	0		21.24			
100	QPSK	1	1		21.42		22.5	0.0
100	QPSK	1	137		21.29			
100	QPSK	1	271		21.19			
100	QPSK	135	0		20.74		22.0	0.5
100	QPSK	135	69		21.17		22.5	0.0
100	QPSK	135	138		20.78		22.0	0.5
100	QPSK	270	0		20.82			
100	16QAM	1	1		20.71		22.0	0.5
100	64QAM	1	1		19.19		20.5	2.0
100	256QAM	1	1		17.29		18.5	4.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	21.31	21.17	21.22	22.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	21.22	21.27	21.13	22.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	21.27	21.33	21.18	22.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	21.31	21.38	21.26	22.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	21.25	21.36	21.33	22.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	21.26	21.24	21.33	22.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	21.37	21.36	21.16	22.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	21.34	21.41	21.33	22.5	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	21.36	21.25	21.32	22.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	21.33	21.24	21.23	22.5	0.0

PC3 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		18.12		19.5	0.0
100	PI/2 BPSK	1	137		18.17			
100	PI/2 BPSK	1	271		18.10			
100	PI/2 BPSK	135	0		18.13		19.5	0.0
100	PI/2 BPSK	135	69		18.10		19.5	0.0
100	PI/2 BPSK	135	138		18.11		19.5	0.0
100	PI/2 BPSK	270	0		18.24			
100	QPSK	1	1		18.37		19.5	0.0
100	QPSK	1	137		18.14			
100	QPSK	1	271		18.24			
100	QPSK	135	0		18.16		19.5	0.0
100	QPSK	135	69		18.32		19.5	0.0
100	QPSK	135	138		18.30		19.5	0.0
100	QPSK	270	0		18.25			
100	16QAM	1	1		18.15		19.5	0.0
100	64QAM	1	1		17.23		18.5	1.0
100	256QAM	1	1		15.20		16.5	3.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	18.20	18.09	18.18	19.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	18.13	18.13	18.23	19.5	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	18.14	18.20	18.05	19.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	18.07	18.12	18.14	19.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	18.26	18.15	18.05	19.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	18.10	18.14	18.08	19.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	18.24	18.04	18.22	19.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	18.17	18.01	18.20	19.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	18.17	18.05	18.15	19.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	18.16	18.17	18.20	19.5	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		21.12		22.5	0.0
100	PI/2 BPSK	1	137		21.14			
100	PI/2 BPSK	1	271		21.10			
100	PI/2 BPSK	135	0		21.04		22.5	0.0
100	PI/2 BPSK	135	69		21.12		22.5	0.0
100	PI/2 BPSK	135	138		21.16		22.5	0.0
100	PI/2 BPSK	270	0		21.18			
100	QPSK	1	1		21.26		22.5	0.0
100	QPSK	1	137		21.15			
100	QPSK	1	271		21.04			
100	QPSK	135	0		20.86		22.0	0.5
100	QPSK	135	69		21.26		22.5	0.0
100	QPSK	135	138		20.76		22.0	0.5
100	QPSK	270	0		20.92			
100	16QAM	1	1		20.75		22.0	0.5
100	64QAM	1	1		19.10		20.5	2.0
100	256QAM	1	1		17.14		18.5	4.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	21.18	21.03	21.11	22.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	21.16	21.08	21.21	22.5	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	21.17	21.01	21.21	22.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	21.11	21.05	21.11	22.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	21.08	21.10	21.21	22.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	21.12	21.05	21.12	22.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	21.09	21.11	21.16	22.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	21.07	21.13	21.18	22.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	21.08	21.09	21.24	22.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	21.18	21.05	21.09	22.5	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	25.07	25.12	25.05	25.7	0.0
20	PI/2 BPSK	1	53	24.96	25.09	25.02		
20	PI/2 BPSK	1	104	24.92	25.04	24.93		
20	PI/2 BPSK	50	0	24.61	24.69	24.59	25.2	0.5
20	PI/2 BPSK	50	28	25.01	25.15	25.04	25.7	0.0
20	PI/2 BPSK	50	56	24.51	24.65	24.60	25.2	0.5
20	PI/2 BPSK	100	0	24.57	24.67	24.61		
20	QPSK	1	1	25.10	25.18	25.06	25.7	0.0
20	QPSK	1	53	24.98	25.11	25.03		
20	QPSK	1	104	24.72	24.81	24.70		
20	QPSK	50	0	24.09	24.21	24.09	24.7	1.0
20	QPSK	50	28	25.12	25.16	25.11	25.7	0.0
20	QPSK	50	56	24.15	24.19	24.06	24.7	1.0
20	QPSK	100	0	24.08	24.15	24.09		
20	16QAM	1	1	23.87	23.94	23.88	24.7	1.0
20	64QAM	1	1	22.37	22.45	22.39	23.2	2.5
20	256QAM	1	1	20.73	20.78	20.71	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	25.01	25.05	24.96	25.7	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	25.06	25.03	24.96	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	25.00	25.13	24.92	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	21.32	21.43	21.34	23.0	0.0
40	PI/2 BPSK	1	108	21.33	21.41	21.36		
40	PI/2 BPSK	1	214	21.11	21.26	21.13		
40	PI/2 BPSK	108	0	20.84	20.90	20.76	22.5	0.5
40	PI/2 BPSK	108	54	21.27	21.33	21.27	23.0	0.0
40	PI/2 BPSK	108	108	20.72	20.82	20.72	22.5	0.5
40	PI/2 BPSK	216	0	20.73	20.86	20.76		
40	QPSK	1	1	21.39	21.45	21.37	23.0	0.0
40	QPSK	1	108	21.30	21.34	21.24		
40	QPSK	1	214	21.19	21.24	21.17		
40	QPSK	108	0	20.35	20.42	20.28	22.0	1.0
40	QPSK	108	54	21.27	21.40	21.27	23.0	0.0
40	QPSK	108	108	20.31	20.37	20.26	22.0	1.0
40	QPSK	216	0	20.34	20.41	20.36		
40	16QAM	1	1	20.43	20.54	20.46	22.0	1.0
40	64QAM	1	1	18.67	18.78	18.66	20.5	2.5
40	256QAM	1	1	17.11	17.15	17.07	18.5	4.5
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	21.29	21.32	21.27	23.0	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	21.27	21.37	21.30	23.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	21.34	21.37	21.28	23.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	21.35	21.36	21.29	23.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	21.29	21.41	21.28	23.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	21.27	21.40	21.29	23.0	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	21.79	21.87	21.75	23.3	0.0
40	PI/2 BPSK	1	53	21.77	21.91	21.86		
40	PI/2 BPSK	1	104	21.87	21.90	21.79		
40	PI/2 BPSK	50	0	21.43	21.52	21.45	22.8	0.5
40	PI/2 BPSK	50	28	21.79	21.86	21.74	23.3	0.0
40	PI/2 BPSK	50	56	21.37	21.51	21.48	22.8	0.5
40	PI/2 BPSK	100	0	21.39	21.49	21.42		
40	QPSK	1	1	21.87	21.96	21.82	23.3	0.0
40	QPSK	1	53	21.87	21.93	21.81		
40	QPSK	1	104	21.87	21.90	21.86		
40	QPSK	50	0	20.91	21.02	20.95	22.3	1.0
40	QPSK	50	28	21.89	21.92	21.84	23.3	0.0
40	QPSK	50	56	20.91	21.04	21.00	22.3	1.0
40	QPSK	100	0	20.86	20.97	20.84		
40	16QAM	1	1	20.85	20.93	20.84	22.3	1.0
40	64QAM	1	1	19.22	19.33	19.23	20.8	2.5
40	256QAM	1	1	17.48	17.62	17.55	18.8	4.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	21.84	21.87	21.74	23.3	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	21.79	21.92	21.73	23.3	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	21.76	21.85	21.75	23.3	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	21.76	21.89	21.67	23.3	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	21.90	21.96	21.88	23.3	0.0
100	PI/2 BPSK	1	137	21.73	21.87	21.84		
100	PI/2 BPSK	1	271	21.71	21.78	21.68		
100	PI/2 BPSK	135	0	21.26	21.39	21.34	22.8	0.5
100	PI/2 BPSK	135	69	21.76	21.87	21.76	23.3	0.0
100	PI/2 BPSK	135	138	21.27	21.30	21.20	22.8	0.5
100	PI/2 BPSK	270	0	21.29	21.40	21.35		
100	QPSK	1	1	21.86	21.98	21.91	23.3	0.0
100	QPSK	1	137	21.86	21.94	21.87		
100	QPSK	1	271	21.53	21.66	21.62		
100	QPSK	135	0	20.81	20.92	20.81	22.3	1.0
100	QPSK	135	69	21.70	21.84	21.77	23.3	0.0
100	QPSK	135	138	20.73	20.81	20.67	22.3	1.0
100	QPSK	270	0	20.79	20.83	20.74		
100	16QAM	1	1	20.91	20.99	20.90	22.3	1.0
100	64QAM	1	1	19.55	19.61	19.57	20.8	2.5
100	256QAM	1	1	17.63	17.68	17.57	18.8	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	21.78	21.91	21.77	23.3	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	21.81	21.83	21.87	23.3	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	21.76	21.93	21.79	23.3	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	21.81	21.91	21.79	23.3	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	21.79	21.93	21.78	23.3	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	21.78	21.94	21.81	23.3	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	21.72	21.86	21.77	23.3	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	21.76	21.93	21.85	23.3	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	24.73	24.78	24.68	25.5	0.0
20	PI/2 BPSK	1	53	24.67	24.73	24.69		
20	PI/2 BPSK	1	104	24.57	24.68	24.61		
20	PI/2 BPSK	50	0	24.23	24.38	24.32	25.0	0.5
20	PI/2 BPSK	50	28	24.67	24.80	24.75	25.5	0.0
20	PI/2 BPSK	50	56	24.25	24.33	24.23	25.0	0.5
20	PI/2 BPSK	100	0	24.21	24.34	24.28		
20	QPSK	1	1	24.70	24.81	24.75	25.5	0.0
20	QPSK	1	53	24.72	24.79	24.73		
20	QPSK	1	104	24.56	24.60	24.56		
20	QPSK	50	0	23.82	23.87	23.73	24.5	1.0
20	QPSK	50	28	24.73	24.81	24.67	25.5	0.0
20	QPSK	50	56	23.72	23.80	23.69	24.5	1.0
20	QPSK	100	0	23.69	23.77	23.65		
20	16QAM	1	1	23.58	23.73	23.60	24.5	1.0
20	64QAM	1	1	21.98	22.07	22.01	23.0	2.5
20	256QAM	1	1	20.29	20.37	20.23	21.0	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	24.63	24.77	24.61	25.5	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	24.58	24.72	24.67	25.5	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	24.62	24.71	24.71	25.5	0.0

n7 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				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	18.84	18.96	18.86	19.5	0.0
40	PI/2 BPSK	1	108	18.79	18.86	18.71		
40	PI/2 BPSK	1	214	18.78	18.89	18.70		
40	PI/2 BPSK	108	0	18.87	18.91	18.88	19.5	0.0
40	PI/2 BPSK	108	54	18.86	18.84	18.79	19.5	0.0
40	PI/2 BPSK	108	108	18.72	18.79	18.59	19.5	0.0
40	PI/2 BPSK	216	0	18.79	18.88	18.80		
40	QPSK	1	1	18.99	19.01	18.97	19.5	0.0
40	QPSK	1	108	18.72	18.93	18.90		
40	QPSK	1	214	18.85	18.86	18.66		
40	QPSK	108	0	18.66	18.87	18.82	19.5	0.0
40	QPSK	108	54	18.87	18.97	18.94	19.5	0.0
40	QPSK	108	108	18.74	18.83	18.72	19.5	0.0
40	QPSK	216	0	18.91	18.95	18.82		
40	16QAM	1	1	18.77	18.84	18.77	19.5	0.0
40	64QAM	1	1	18.72	18.84	18.75	19.5	0.0
40	256QAM	1	1	18.75	18.86	18.79	19.5	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	18.69	18.99	18.81	19.5	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	18.68	18.89	18.82	19.5	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	18.73	19.00	18.87	19.5	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	18.69	18.83	18.87	19.5	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	18.81	18.91	18.90	19.5	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	18.78	18.85	18.81	19.5	0.0

n38 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				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	18.56	18.61	18.42	19.7	0.0
40	PI/2 BPSK	1	53	18.53	18.57	18.54		
40	PI/2 BPSK	1	104	18.56	18.60	18.47		
40	PI/2 BPSK	50	0	18.54	18.60	18.52	19.7	0.0
40	PI/2 BPSK	50	28	18.49	18.50	18.38	19.7	0.0
40	PI/2 BPSK	50	56	18.35	18.52	18.47	19.7	0.0
40	PI/2 BPSK	100	0	18.53	18.60	18.47		
40	QPSK	1	1	18.53	18.68	18.65	19.7	0.0
40	QPSK	1	53	18.44	18.58	18.37		
40	QPSK	1	104	18.51	18.59	18.48		
40	QPSK	50	0	18.46	18.61	18.51	19.7	0.0
40	QPSK	50	28	18.46	18.62	18.58	19.7	0.0
40	QPSK	50	56	18.50	18.59	18.43	19.7	0.0
40	QPSK	100	0	18.52	18.58	18.51		
40	16QAM	1	1	18.56	18.54	18.56	19.7	0.0
40	64QAM	1	1	18.42	18.30	18.31	19.7	0.0
40	256QAM	1	1	18.41	18.51	18.39	19.7	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	18.40	18.48	18.62	19.7	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	18.42	18.47	18.65	19.7	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	18.41	18.50	18.45	19.7	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	18.39	18.63	18.67	19.7	0.0

n41 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				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	18.56	18.55	18.49	19.7	0.0
100	PI/2 BPSK	1	137	18.48	18.48	18.45		
100	PI/2 BPSK	1	271	18.59	18.47	18.41		
100	PI/2 BPSK	135	0	18.46	18.45	18.45	19.7	0.0
100	PI/2 BPSK	135	69	18.34	18.50	18.30	19.7	0.0
100	PI/2 BPSK	135	138	18.35	18.44	18.29	19.7	0.0
100	PI/2 BPSK	270	0	18.30	18.47	18.26		
100	QPSK	1	1	18.62	18.70	18.60	19.7	0.0
100	QPSK	1	137	18.43	18.48	18.45		
100	QPSK	1	271	18.27	18.42	18.26		
100	QPSK	135	0	18.43	18.52	18.33	19.7	0.0
100	QPSK	135	69	18.47	18.66	18.51	19.7	0.0
100	QPSK	135	138	18.33	18.50	18.52	19.7	0.0
100	QPSK	270	0	18.42	18.54	18.32		
100	16QAM	1	1	18.29	18.49	18.51	19.7	0.0
100	64QAM	1	1	18.26	18.28	18.37	19.7	0.0
100	256QAM	1	1	18.38	18.28	18.50	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	18.43	18.52	18.49	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	18.51	18.57	18.49	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	18.53	18.50	18.46	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	18.56	18.60	18.45	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	18.43	18.59	18.62	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	18.53	18.55	18.56	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	18.50	18.49	18.40	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	18.50	18.49	18.49	19.7	0.0

n7 Ant2 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	24.17	24.25	24.17	24.7	0.0
40	PI/2 BPSK	1	108	24.05	24.20	24.13		
40	PI/2 BPSK	1	214	24.08	24.22	24.13		
40	PI/2 BPSK	108	0	23.50	23.62	23.52	24.2	0.5
40	PI/2 BPSK	108	54	24.03	24.09	23.95	24.7	0.0
40	PI/2 BPSK	108	108	23.67	23.77	23.69	24.2	0.5
40	PI/2 BPSK	216	0	23.60	23.66	23.56		
40	QPSK	1	1	24.23	24.30	24.16	24.7	0.0
40	QPSK	1	108	24.12	24.26	24.11		
40	QPSK	1	214	24.08	24.22	24.17		
40	QPSK	108	0	23.10	23.13	23.09	23.7	1.0
40	QPSK	108	54	24.02	24.11	24.00	24.7	0.0
40	QPSK	108	108	23.10	23.24	23.13	23.7	1.0
40	QPSK	216	0	23.17	23.20	23.16		
40	16QAM	1	1	23.27	23.34	23.25	23.7	1.0
40	64QAM	1	1	21.34	21.38	21.25	22.2	2.5
40	256QAM	1	1	19.75	19.80	19.72	20.2	4.5
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	24.11	24.16	24.04	24.7	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	24.17	24.23	24.08	24.7	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	24.09	24.15	24.09	24.7	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	24.19	24.21	24.12	24.7	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	24.10	24.21	24.12	24.7	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	24.14	24.16	24.03	24.7	0.0

n38 Ant2 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	25.26	25.14	25.7	0.0
40	PI/2 BPSK	1	53	25.09	25.18	25.05		
40	PI/2 BPSK	1	104	25.20	25.31	25.22		
40	PI/2 BPSK	50	0	24.70	24.77	24.73	25.2	0.5
40	PI/2 BPSK	50	28	25.12	25.22	25.11	25.7	0.0
40	PI/2 BPSK	50	56	24.60	24.71	24.61	25.2	0.5
40	PI/2 BPSK	100	0	24.71	24.74	24.62		
40	QPSK	1	1	25.20	25.34	25.26	25.7	0.0
40	QPSK	1	53	25.08	25.22	25.08		
40	QPSK	1	104	25.17	25.30	25.18		
40	QPSK	50	0	24.25	24.28	24.19	24.7	1.0
40	QPSK	50	28	25.17	25.21	25.09	25.7	0.0
40	QPSK	50	56	24.10	24.14	24.05	24.7	1.0
40	QPSK	100	0	24.09	24.22	24.11		
40	16QAM	1	1	24.16	24.24	24.17	24.7	1.0
40	64QAM	1	1	22.56	22.64	22.53	23.2	2.5
40	256QAM	1	1	20.72	20.76	20.68	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	25.15	25.20	25.18	25.7	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	25.12	25.22	25.19	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	25.16	25.20	25.19	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	25.07	25.26	25.17	25.7	0.0

n41 Ant2 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	25.17	25.31	25.21	25.7	0.0
100	PI/2 BPSK	1	137	25.18	25.33	25.27		
100	PI/2 BPSK	1	271	25.19	25.34	25.25		
100	PI/2 BPSK	135	0	24.66	24.79	24.73	25.2	0.5
100	PI/2 BPSK	135	69	25.18	25.28	25.23	25.7	0.0
100	PI/2 BPSK	135	138	24.69	24.81	24.75	25.2	0.5
100	PI/2 BPSK	270	0	24.64	24.78	24.75		
100	QPSK	1	1	24.96	25.38	25.28	25.7	0.0
100	QPSK	1	137	25.17	25.28	25.24		
100	QPSK	1	271	25.10	25.20	25.07		
100	QPSK	135	0	24.17	24.25	24.14	24.7	1.0
100	QPSK	135	69	25.14	25.28	25.22	25.7	0.0
100	QPSK	135	138	24.22	24.34	24.20	24.7	1.0
100	QPSK	270	0	24.16	24.25	24.11		
100	16QAM	1	1	24.11	24.22	24.17	24.7	1.0
100	64QAM	1	1	22.49	22.58	22.53	23.2	2.5
100	256QAM	1	1	20.75	20.78	20.70	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	25.24	25.26	25.20	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	25.27	25.26	25.19	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	25.21	25.32	25.22	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	25.19	25.31	25.24	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	25.22	25.32	25.19	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	25.19	25.28	25.15	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	25.23	25.24	25.19	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	25.27	25.30	25.15	25.7	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	22.17	22.27	22.20	23.5	0.0
40	PI/2 BPSK	1	108	22.17	22.22	22.12		
40	PI/2 BPSK	1	214	22.19	22.26	22.21		
40	PI/2 BPSK	108	0	21.65	21.72	21.64	23.0	0.5
40	PI/2 BPSK	108	54	22.09	22.18	22.05	23.5	0.0
40	PI/2 BPSK	108	108	21.59	21.64	21.57	23.0	0.5
40	PI/2 BPSK	216	0	21.56	21.71	21.57		
40	QPSK	1	1	22.20	22.32	22.12	23.5	0.0
40	QPSK	1	108	22.14	22.20	22.13		
40	QPSK	1	214	22.24	22.29	22.25		
40	QPSK	108	0	21.09	21.23	21.13	22.5	1.0
40	QPSK	108	54	22.15	22.26	22.13	23.5	0.0
40	QPSK	108	108	21.02	21.16	21.09	22.5	1.0
40	QPSK	216	0	21.17	21.23	21.03		
40	16QAM	1	1	21.29	21.37	21.27	22.5	1.0
40	64QAM	1	1	19.71	19.75	19.67	21.0	2.5
40	256QAM	1	1	17.78	17.84	17.73	19.0	4.5
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	22.17	22.24	22.02	23.5	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	22.05	22.22	22.04	23.5	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	22.11	22.20	22.08	23.5	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	22.06	22.24	22.00	23.5	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	22.09	22.17	22.02	23.5	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	22.15	22.21	22.02	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				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	21.87	21.97	21.87	23.3	0.0
40	PI/2 BPSK	1	53	21.86	21.96	21.98		
40	PI/2 BPSK	1	104	21.86	21.92	21.75		
40	PI/2 BPSK	50	0	21.74	21.95	21.76	23.3	0.0
40	PI/2 BPSK	50	28	21.75	21.94	21.87	23.3	0.0
40	PI/2 BPSK	50	56	21.75	21.92	21.78	23.3	0.0
40	PI/2 BPSK	100	0	21.92	21.95	21.79		
40	QPSK	1	1	22.03	22.07	21.96	23.3	0.0
40	QPSK	1	53	21.81	21.87	21.83		
40	QPSK	1	104	21.88	21.94	21.80		
40	QPSK	50	0	21.91	21.98	21.91	23.3	0.0
40	QPSK	50	28	22.00	22.05	21.99	23.3	0.0
40	QPSK	50	56	21.80	21.98	21.78	23.3	0.0
40	QPSK	100	0	21.91	21.99	21.90		
40	16QAM	1	1	22.03	21.97	21.88	23.3	0.0
40	64QAM	1	1	20.73	20.88	20.69	21.8	1.5
40	256QAM	1	1	18.60	18.80	18.80	19.8	3.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	22.02	22.03	21.74	23.3	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	21.96	21.90	21.92	23.3	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	22.04	21.98	21.98	23.3	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	21.88	21.89	21.79	23.3	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	22.35	22.40	22.37	24.0	0.0
100	PI/2 BPSK	1	137	22.41	22.40	22.34		
100	PI/2 BPSK	1	271	22.28	22.32	22.26		
100	PI/2 BPSK	135	0	22.34	22.48	22.48	24.0	0.0
100	PI/2 BPSK	135	69	22.43	22.41	22.48	24.0	0.0
100	PI/2 BPSK	135	138	22.40	22.42	22.30	24.0	0.0
100	PI/2 BPSK	270	0	22.41	22.40	22.35		
100	QPSK	1	1	22.41	22.49	22.39	24.0	0.0
100	QPSK	1	137	22.47	22.45	22.34		
100	QPSK	1	271	22.26	22.45	22.39		
100	QPSK	135	0	21.68	21.88	21.78	23.5	0.5
100	QPSK	135	69	22.45	22.47	22.43	24.0	0.0
100	QPSK	135	138	21.82	21.80	21.64	23.5	0.5
100	QPSK	270	0	21.68	21.80	21.64		
100	16QAM	1	1	21.86	21.92	21.76	23.5	0.5
100	64QAM	1	1	20.25	20.38	20.28	22.0	2.0
100	256QAM	1	1	18.37	18.39	18.24	20.0	4.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	22.42	22.44	22.19	24.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	22.26	22.45	22.31	24.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	22.20	22.36	22.28	24.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	22.36	22.47	22.27	24.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	22.39	22.42	22.25	24.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	22.25	22.29	22.40	24.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	22.36	22.36	22.27	24.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	22.28	22.45	22.39	24.0	0.0

PC3 Part27O n77 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				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	17.83	17.86	17.86		
100	PI/2 BPSK	1	137	17.58	17.54	17.65	19.0	0.0
100	PI/2 BPSK	1	271	17.50	17.48	17.42		
100	PI/2 BPSK	135	0	17.44	17.64	17.59	19.0	0.0
100	PI/2 BPSK	135	69	17.71	17.68	17.63	19.0	0.0
100	PI/2 BPSK	135	138	17.53	17.50	17.61	19.0	0.0
100	PI/2 BPSK	270	0	17.55	17.46	17.74		
100	QPSK	1	1	17.77	17.95	17.79		
100	QPSK	1	137	17.56	17.57	17.45	19.0	0.0
100	QPSK	1	271	17.62	17.50	17.51		
100	QPSK	135	0	17.50	17.68	17.53	19.0	0.0
100	QPSK	135	69	17.86	17.90	17.80	19.0	0.0
100	QPSK	135	138	17.47	17.52	17.65	19.0	0.0
100	QPSK	270	0	17.75	17.83	17.71		
100	16QAM	1	1	17.81	17.81	17.81	19.0	0.0
100	64QAM	1	1	17.46	17.60	17.55	19.0	0.0
100	256QAM	1	1	17.53	17.62	17.61	19.0	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	17.72	17.94	17.72	19.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	17.58	17.90	17.66	19.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	17.58	17.93	17.69	19.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	17.61	17.84	17.80	19.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	17.64	17.74	17.79	19.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	17.61	17.81	17.68	19.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	17.77	17.86	17.66	19.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	17.75	17.85	17.61	19.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	17.73	17.81	17.73	19.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	17.57	17.83	17.80	19.0	0.0

PC2 Part27O n77 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				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	20.50	20.78	20.69		
100	PI/2 BPSK	1	137	20.76	20.68	20.59	22.0	0.0
100	PI/2 BPSK	1	271	20.58	20.58	20.67		
100	PI/2 BPSK	135	0	20.79	20.87	20.71	22.0	0.0
100	PI/2 BPSK	135	69	20.52	20.54	20.59	22.0	0.0
100	PI/2 BPSK	135	138	20.69	20.71	20.53	22.0	0.0
100	PI/2 BPSK	270	0	20.69	20.83	20.85		
100	QPSK	1	1	20.88	20.92	20.85		
100	QPSK	1	137	20.83	20.82	20.58	22.0	0.0
100	QPSK	1	271	20.69	20.67	20.46		
100	QPSK	135	0	20.68	20.76	20.83	22.0	0.0
100	QPSK	135	69	20.65	20.89	20.64	22.0	0.0
100	QPSK	135	138	20.54	20.65	20.44	22.0	0.0
100	QPSK	270	0	20.70	20.85	20.77		
100	16QAM	1	1	20.60	20.60	20.67	22.0	0.0
100	64QAM	1	1	20.79	20.72	20.69	22.0	0.0
100	256QAM	1	1	20.81	20.82	20.73	22.0	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	20.72	20.89	20.73	22.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	20.88	20.81	20.67	22.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	20.88	20.79	20.81	22.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	20.74	20.76	20.70	22.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	20.77	20.81	20.69	22.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	20.82	20.83	20.84	22.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	20.72	20.75	20.84	22.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	20.72	20.84	20.68	22.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	20.77	20.82	20.68	22.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	20.84	20.86	20.64	22.0	0.0

PC3 Part27Q n77 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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		17.71		19.0	0.0
100	PI/2 BPSK	1	137		17.63			
100	PI/2 BPSK	1	271		17.41			
100	PI/2 BPSK	135	0		17.56		19.0	0.0
100	PI/2 BPSK	135	69		17.61		19.0	0.0
100	PI/2 BPSK	135	138		17.43		19.0	0.0
100	PI/2 BPSK	270	0		17.63			
100	QPSK	1	1		17.87		19.0	0.0
100	QPSK	1	137		17.55			
100	QPSK	1	271		17.72			
100	QPSK	135	0		17.57		19.0	0.0
100	QPSK	135	69		17.86		19.0	0.0
100	QPSK	135	138		17.65		19.0	0.0
100	QPSK	270	0		17.75			
100	16QAM	1	1		17.62		19.0	0.0
100	64QAM	1	1		17.78		19.0	0.0
100	256QAM	1	1		17.52		19.0	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	17.73	17.79	17.48	19.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	17.61	17.85	17.62	19.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	17.72	17.80	17.62	19.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	17.77	17.83	17.47	19.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	17.66	17.71	17.52	19.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	17.77	17.71	17.61	19.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	17.67	17.73	17.55	19.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	17.69	17.72	17.47	19.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	17.63	17.68	17.51	19.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	17.73	17.80	17.67	19.0	0.0

PC2 Part27Q n77 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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		20.63		22.0	0.0
100	PI/2 BPSK	1	137		20.71			
100	PI/2 BPSK	1	271		20.57			
100	PI/2 BPSK	135	0		20.58		22.0	0.0
100	PI/2 BPSK	135	69		20.68		22.0	0.0
100	PI/2 BPSK	135	138		20.64		22.0	0.0
100	PI/2 BPSK	270	0		20.66			
100	QPSK	1	1		20.86		22.0	0.0
100	QPSK	1	137		20.62			
100	QPSK	1	271		20.63			
100	QPSK	135	0		20.54		22.0	0.0
100	QPSK	135	69		20.79		22.0	0.0
100	QPSK	135	138		20.55		22.0	0.0
100	QPSK	270	0		20.76			
100	16QAM	1	1		20.51		22.0	0.0
100	64QAM	1	1		20.73		22.0	0.0
100	256QAM	1	1		20.44		22.0	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	20.70	20.78	20.69	22.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	20.77	20.80	20.65	22.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	20.78	20.71	20.62	22.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	20.83	20.85	20.64	22.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	20.83	20.67	20.66	22.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	20.61	20.83	20.77	22.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	20.78	20.72	20.62	22.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	20.67	20.76	20.57	22.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	20.69	20.79	20.66	22.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	20.74	20.64	20.75	22.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		18.19		19.5	0.0
100	PI/2 BPSK	1	137		18.15			
100	PI/2 BPSK	1	271		18.07			
100	PI/2 BPSK	135	0		18.08		19.5	0.0
100	PI/2 BPSK	135	69		18.09		19.5	0.0
100	PI/2 BPSK	135	138		18.03		19.5	0.0
100	PI/2 BPSK	270	0		18.08			
100	QPSK	1	1		18.35		19.5	0.0
100	QPSK	1	137		18.15			
100	QPSK	1	271		18.14			
100	QPSK	135	0		18.12		19.5	0.0
100	QPSK	135	69		18.27		19.5	0.0
100	QPSK	135	138		18.15		19.5	0.0
100	QPSK	270	0		18.25			
100	16QAM	1	1		18.00		19.5	0.0
100	64QAM	1	1		17.90		19.5	0.0
100	256QAM	1	1		18.08		19.5	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	18.12	18.15	18.15	19.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	18.08	18.19	18.14	19.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	18.27	18.22	18.02	19.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	18.09	18.29	18.14	19.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	18.21	18.15	18.16	19.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	18.07	18.28	18.10	19.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	18.19	18.22	18.11	19.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	18.19	18.28	18.02	19.5	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	18.18	18.20	17.97	19.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	18.09	18.16	17.99	19.5	0.0

PC2 Part27O n78 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				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		21.35		22.5	0.0
100	PI/2 BPSK	1	137		21.34			
100	PI/2 BPSK	1	271		21.30			
100	PI/2 BPSK	135	0		21.33		22.5	0.0
100	PI/2 BPSK	135	69		21.36		22.5	0.0
100	PI/2 BPSK	135	138		21.32		22.5	0.0
100	PI/2 BPSK	270	0		21.35			
100	QPSK	1	1		21.37		22.5	0.0
100	QPSK	1	137		21.35			
100	QPSK	1	271		21.30			
100	QPSK	135	0		21.31		22.5	0.0
100	QPSK	135	69		21.34		22.5	0.0
100	QPSK	135	138		21.32		22.5	0.0
100	QPSK	270	0		21.31			
100	16QAM	1	1		21.13		22.5	0.0
100	64QAM	1	1		21.21		22.5	0.0
100	256QAM	1	1		21.13		22.5	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	21.17	21.28	21.26	22.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	21.21	21.35	21.23	22.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	21.29	21.20	21.29	22.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	21.23	21.30	21.23	22.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	21.18	21.16	21.32	22.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	21.27	21.24	21.17	22.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	21.15	21.20	21.33	22.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	21.11	21.21	21.27	22.5	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	21.28	21.33	21.20	22.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	21.23	21.32	21.21	22.5	0.0

PC3 Part27Q n78 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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		18.14		19.5	0.0
100	PI/2 BPSK	1	137		18.00			
100	PI/2 BPSK	1	271		18.05			
100	PI/2 BPSK	135	0		18.01		19.5	0.0
100	PI/2 BPSK	135	69		18.05		19.5	0.0
100	PI/2 BPSK	135	138		17.89		19.5	0.0
100	PI/2 BPSK	270	0		17.99			
100	QPSK	1	1		18.24		19.5	0.0
100	QPSK	1	137		18.12			
100	QPSK	1	271		18.10			
100	QPSK	135	0		17.97		19.5	0.0
100	QPSK	135	69		18.21		19.5	0.0
100	QPSK	135	138		17.98		19.5	0.0
100	QPSK	270	0		18.17			
100	16QAM	1	1		17.89		19.5	0.0
100	64QAM	1	1		17.71		19.5	0.0
100	256QAM	1	1		17.97		19.5	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	18.05	18.19	18.05	19.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	18.01	18.17	18.18	19.5	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	18.05	18.10	18.03	19.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	18.14	18.05	18.13	19.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	18.01	18.14	18.10	19.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	18.04	18.23	18.13	19.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	18.14	18.16	18.06	19.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	18.06	18.15	18.19	19.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	18.10	18.14	18.13	19.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	18.17	18.20	18.06	19.5	0.0

PC2 Part27Q n78 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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		21.15		22.5	0.0
100	PI/2 BPSK	1	137		21.00			
100	PI/2 BPSK	1	271		20.97			
100	PI/2 BPSK	135	0		20.93		22.5	0.0
100	PI/2 BPSK	135	69		20.95		22.5	0.0
100	PI/2 BPSK	135	138		20.93		22.5	0.0
100	PI/2 BPSK	270	0		21.05			
100	QPSK	1	1		21.26		22.5	0.0
100	QPSK	1	137		21.21			
100	QPSK	1	271		21.11			
100	QPSK	135	0		20.99		22.5	0.0
100	QPSK	135	69		21.23		22.5	0.0
100	QPSK	135	138		20.89		22.5	0.0
100	QPSK	270	0		21.21			
100	16QAM	1	1		20.86		22.5	0.0
100	64QAM	1	1		20.70		22.5	0.0
100	256QAM	1	1		21.04		22.5	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	21.10	21.12	21.11	22.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	21.13	21.25	21.22	22.5	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	21.11	21.08	21.13	22.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	21.20	21.08	21.17	22.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	21.02	21.16	21.12	22.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	21.12	21.23	21.09	22.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	21.15	21.20	21.19	22.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	21.09	21.20	21.10	22.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	21.05	21.12	21.05	22.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	21.15	21.15	21.10	22.5	0.0

PC3 Part27O n77 Ant7 DSI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Tune-up limit (dBm)	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	22.21	22.37	24.1	22.55	24.0	0.0
100	PI/2 BPSK	1	137	22.21	22.21		22.40		
100	PI/2 BPSK	1	271	22.26	22.37		22.52		
100	PI/2 BPSK	135	0	22.37	22.47	24.1	22.03	24.0	0.0
100	PI/2 BPSK	135	69	22.29	22.35	24.1	22.40	24.0	0.0
100	PI/2 BPSK	135	138	22.42	22.55	24.1	22.13	24.0	0.0
100	PI/2 BPSK	270	0	22.36	22.39		21.98		
100	QPSK	1	1	22.62	22.76	24.1	22.58	24.0	0.0
100	QPSK	1	137	22.30	22.47		22.45		
100	QPSK	1	271	22.31	22.49		22.57		
100	QPSK	135	0	22.29	22.32	24.1	21.42	24.0	0.0
100	QPSK	135	69	22.57	22.72	24.1	22.68	24.0	0.0
100	QPSK	135	138	22.37	22.33	24.1	21.39	24.0	0.0
100	QPSK	270	0	22.26	22.38		21.49		
100	16QAM	1	1	22.46	22.53	24.1	21.67	24.0	0.0
100	64QAM	1	1	20.97	21.01	22.6	20.11	24.0	0.0
100	256QAM	1	1	19.05	19.15	20.6	18.25	24.0	0.0
Channel				649668	656000	Tune-up limit (dBm)	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840		3935.01		
90	QPSK	1	1	22.19	22.44	24.1	22.56	24.0	0.0
Channel				649334	656000	Tune-up limit (dBm)	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840		3940.02		
80	QPSK	1	1	22.21	22.27	24.1	22.45	24.0	0.0
Channel				649000	656000	Tune-up limit (dBm)	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840		3945		
70	QPSK	1	1	22.25	22.42	24.1	22.45	24.0	0.0
Channel				648668	656000	Tune-up limit (dBm)	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840		3950.01		
60	QPSK	1	1	22.30	22.26	24.1	22.51	24.0	0.0
Channel				648334	656000	Tune-up limit (dBm)	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840		3955.02		
50	QPSK	1	1	22.23	22.37	24.1	22.44	24.0	0.0
Channel				648000	656000	Tune-up limit (dBm)	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840		3960		
40	QPSK	1	1	22.29	22.46	24.1	22.47	24.0	0.0
Channel				647668	656000	Tune-up limit (dBm)	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840		3965.01		
30	QPSK	1	1	22.29	22.27	24.1	22.42	24.0	0.0
Channel				647334	656000	Tune-up limit (dBm)	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840		3970.02		
20	QPSK	1	1	22.15	22.27	24.1	22.54	24.0	0.0
Channel				647168	656000	Tune-up limit (dBm)	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840		3972.51		
15	QPSK	1	1	22.25	22.34	24.1	22.49	24.0	0.0
Channel				647000	656000	Tune-up limit (dBm)	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840		3975		
10	QPSK	1	1	22.15	22.31	24.1	22.45	24.0	0.0

PC2 Part27O n77 Ant7 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Tune-up limit (dBm)	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000		662000		
Frequency (MHz)				3750	3840		3930		
100	PI/2 BPSK	1	1	25.37	25.42	27.1	24.76	26.6	0.0
100	PI/2 BPSK	1	137	25.26	25.32		24.73		
100	PI/2 BPSK	1	271	25.35	25.50		24.74		
100	PI/2 BPSK	135	0	24.75	24.87	26.6	24.73	26.6	0.0
100	PI/2 BPSK	135	69	25.30	25.37	27.1	24.65	26.6	0.0
100	PI/2 BPSK	135	138	24.86	24.95	26.6	24.64	26.6	0.0
100	PI/2 BPSK	270	0	24.77	24.90		24.74		
100	QPSK	1	1	25.40	25.56	27.1	24.83	26.6	0.0
100	QPSK	1	137	25.25	25.34		24.79		
100	QPSK	1	271	25.40	25.50		24.78		
100	QPSK	135	0	24.31	24.35	26.1	23.72	26.6	0.0
100	QPSK	135	69	25.42	25.47	27.1	24.71	26.6	0.0
100	QPSK	135	138	24.24	24.29	26.1	23.79	26.6	0.0
100	QPSK	270	0	24.23	24.40		23.77		
100	16QAM	1	1	24.36	24.44	26.1	23.72	26.6	0.0
100	64QAM	1	1	22.83	22.95	24.6	22.40	26.6	0.0
100	256QAM	1	1	20.99	21.03	22.6	20.41	26.6	0.0
Channel				649668	656000	Tune-up limit (dBm)	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840		3935.01		
90	QPSK	1	1	25.24	25.48	27.1	24.71	26.6	0.0
Channel				649334	656000	Tune-up limit (dBm)	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840		3940.02		
80	QPSK	1	1	25.26	25.52	27.1	24.71	26.6	0.0
Channel				649000	656000	Tune-up limit (dBm)	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840		3945		
70	QPSK	1	1	25.32	25.42	27.1	24.70	26.6	0.0
Channel				648668	656000	Tune-up limit (dBm)	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840		3950.01		
60	QPSK	1	1	25.37	25.46	27.1	24.69	26.6	0.0
Channel				648334	656000	Tune-up limit (dBm)	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840		3955.02		
50	QPSK	1	1	25.34	25.41	27.1	24.66	26.6	0.0
Channel				648000	656000	Tune-up limit (dBm)	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840		3960		
40	QPSK	1	1	25.28	25.47	27.1	24.64	26.6	0.0
Channel				647668	656000	Tune-up limit (dBm)	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840		3965.01		
30	QPSK	1	1	25.35	25.51	27.1	24.67	26.6	0.0
Channel				647334	656000	Tune-up limit (dBm)	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840		3970.02		
20	QPSK	1	1	25.36	25.48	27.1	24.63	26.6	0.0
Channel				647168	656000	Tune-up limit (dBm)	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840		3972.51		
15	QPSK	1	1	25.27	25.45	27.1	24.67	26.6	0.0
Channel				647000	656000	Tune-up limit (dBm)	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840		3975		
10	QPSK	1	1	25.33	25.42	27.1	24.67	26.6	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		22.42		24.1	0.0
100	PI/2 BPSK	1	137		22.31			
100	PI/2 BPSK	1	271		22.41			
100	PI/2 BPSK	135	0		22.33		24.1	0.0
100	PI/2 BPSK	135	69		22.38		24.1	0.0
100	PI/2 BPSK	135	138		22.42		24.1	0.0
100	PI/2 BPSK	270	0		22.32			
100	QPSK	1	1		22.57		24.1	0.0
100	QPSK	1	137		22.32			
100	QPSK	1	271		22.46			
100	QPSK	135	0		22.30		24.1	0.0
100	QPSK	135	69		22.42		24.1	0.0
100	QPSK	135	138		22.31		24.1	0.0
100	QPSK	270	0		22.34			
100	16QAM	1	1		22.41		24.1	0.0
100	64QAM	1	1		20.92		22.6	1.5
100	256QAM	1	1		18.79		20.6	3.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	22.36	22.23	22.30	24.1	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	22.24	22.29	22.40	24.1	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	22.31	22.35	22.31	24.1	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	22.40	22.33	22.35	24.1	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	22.29	22.32	22.44	24.1	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	22.36	22.24	22.35	24.1	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	22.41	22.45	22.39	24.1	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	22.32	22.27	22.45	24.1	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	22.16	22.31	22.29	24.1	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	22.31	22.36	22.45	24.1	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		25.32		27.1	0.0
100	PI/2 BPSK	1	137		25.23			
100	PI/2 BPSK	1	271		25.49			
100	PI/2 BPSK	135	0		24.86		26.6	0.5
100	PI/2 BPSK	135	69		25.31		27.1	0.0
100	PI/2 BPSK	135	138		24.92		26.6	0.5
100	PI/2 BPSK	270	0		24.80			
100	QPSK	1	1		25.55		27.1	0.0
100	QPSK	1	137		25.35			
100	QPSK	1	271		25.46			
100	QPSK	135	0		24.28		26.1	1.0
100	QPSK	135	69		25.37		27.1	0.0
100	QPSK	135	138		24.41		26.1	1.0
100	QPSK	270	0		24.47			
100	16QAM	1	1		24.39		26.1	1.0
100	64QAM	1	1		22.89		24.6	2.5
100	256QAM	1	1		20.76		22.6	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	25.48	25.51	25.42	27.1	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	25.43	25.48	25.50	27.1	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	25.48	25.40	25.40	27.1	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	25.45	25.39	25.48	27.1	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	25.44	25.40	25.49	27.1	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	25.43	25.49	25.42	27.1	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	25.50	25.49	25.38	27.1	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	25.44	25.47	25.44	27.1	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	25.48	25.42	25.50	27.1	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	25.51	25.45	25.51	27.1	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		22.90		24.6	0.0
100	PI/2 BPSK	1	137		22.66			
100	PI/2 BPSK	1	271		22.69			
100	PI/2 BPSK	135	0		22.71		24.6	0.0
100	PI/2 BPSK	135	69		22.65		24.6	0.0
100	PI/2 BPSK	135	138		22.74		24.6	0.0
100	PI/2 BPSK	270	0		22.69			
100	QPSK	1	1		22.93		24.6	0.0
100	QPSK	1	137		22.62			
100	QPSK	1	271		22.61			
100	QPSK	135	0		22.11		24.1	0.5
100	QPSK	135	69		22.62		24.6	0.0
100	QPSK	135	138		22.12		24.1	0.5
100	QPSK	270	0		22.13			
100	16QAM	1	1		22.23		24.1	0.5
100	64QAM	1	1		20.69		22.6	2.0
100	256QAM	1	1		18.65		20.6	4.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	22.82	22.75	22.86	24.6	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	22.75	22.70	22.72	24.6	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	22.73	22.72	22.74	24.6	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	22.71	22.77	22.86	24.6	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	22.74	22.68	22.69	24.6	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	22.69	22.67	22.80	24.6	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	22.71	22.80	22.81	24.6	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	22.71	22.88	22.81	24.6	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	22.80	22.81	22.81	24.6	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	22.85	22.81	22.78	24.6	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		25.21		27.1	0.0
100	PI/2 BPSK	1	137		25.28			
100	PI/2 BPSK	1	271		25.30			
100	PI/2 BPSK	135	0		24.64		26.6	0.5
100	PI/2 BPSK	135	69		25.24		27.1	0.0
100	PI/2 BPSK	135	138		24.79		26.6	0.5
100	PI/2 BPSK	270	0		24.65			
100	QPSK	1	1		25.31		27.1	0.0
100	QPSK	1	137		25.29			
100	QPSK	1	271		25.23			
100	QPSK	135	0		24.15		26.1	1.0
100	QPSK	135	69		25.21		27.1	0.0
100	QPSK	135	138		24.32		26.1	1.0
100	QPSK	270	0		24.22			
100	16QAM	1	1		24.17		26.1	1.0
100	64QAM	1	1		22.82		24.6	2.5
100	256QAM	1	1		20.70		22.6	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	25.16	25.28	25.21	27.1	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	25.15	25.20	25.26	27.1	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	25.25	25.29	25.20	27.1	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	25.17	25.20	25.18	27.1	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	25.28	25.29	25.25	27.1	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	25.23	25.17	25.28	27.1	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	25.17	25.28	25.24	27.1	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	25.15	25.18	25.25	27.1	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	25.19	25.18	25.14	27.1	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	25.23	25.29	25.28	27.1	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		22.98		24.6	0.0
100	PI/2 BPSK	1	137		22.95			
100	PI/2 BPSK	1	271		22.90			
100	PI/2 BPSK	135	0		22.89		24.6	0.0
100	PI/2 BPSK	135	69		22.75		24.6	0.0
100	PI/2 BPSK	135	138		22.86		24.6	0.0
100	PI/2 BPSK	270	0		22.78			
100	QPSK	1	1		23.09		24.6	0.0
100	QPSK	1	137		23.00			
100	QPSK	1	271		22.69			
100	QPSK	135	0		22.29		24.1	0.5
100	QPSK	135	69		22.95		24.6	0.0
100	QPSK	135	138		22.36		24.1	0.5
100	QPSK	270	0		22.34			
100	16QAM	1	1		22.16		24.1	0.5
100	64QAM	1	1		20.78		22.6	2.0
100	256QAM	1	1		18.64		20.6	4.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	22.83	22.86	22.88	24.6	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	22.89	22.96	22.88	24.6	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	23.01	22.89	22.79	24.6	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	22.78	22.88	22.74	24.6	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	22.95	22.84	22.73	24.6	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	22.87	22.88	22.78	24.6	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	22.83	22.87	22.80	24.6	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	23.01	22.97	22.74	24.6	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	22.82	22.94	22.90	24.6	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	22.85	22.92	22.95	24.6	0.0

PC2 Part27Q n78 Ant7 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		25.36		27.1	0.0
100	PI/2 BPSK	1	137		25.43			
100	PI/2 BPSK	1	271		25.50			
100	PI/2 BPSK	135	0		24.84		26.6	0.5
100	PI/2 BPSK	135	69		25.41		27.1	0.0
100	PI/2 BPSK	135	138		24.95		26.6	0.5
100	PI/2 BPSK	270	0		24.86			
100	QPSK	1	1		25.52		27.1	0.0
100	QPSK	1	137		25.45			
100	QPSK	1	271		25.41			
100	QPSK	135	0		24.34		26.1	1.0
100	QPSK	135	69		25.39		27.1	0.0
100	QPSK	135	138		24.46		26.1	1.0
100	QPSK	270	0		24.37			
100	16QAM	1	1		24.34		26.1	1.0
100	64QAM	1	1		22.98		24.6	2.5
100	256QAM	1	1		20.72		22.6	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	25.46	25.51	25.47	27.1	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	25.42	25.43	25.41	27.1	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	25.47	25.51	25.40	27.1	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	25.44	25.43	25.42	27.1	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	25.43	25.40	25.40	27.1	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	25.50	25.51	25.51	27.1	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	25.45	25.44	25.43	27.1	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	25.48	25.48	25.46	27.1	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	25.46	25.45	25.40	27.1	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	25.45	25.39	25.43	27.1	0.0

PC3 Part27O n77 Ant8 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	14.88	15.04	14.96		
100	PI/2 BPSK	1	137	14.82	14.93	14.96	16.5	0.0
100	PI/2 BPSK	1	271	14.73	14.77	14.69		
100	PI/2 BPSK	135	0	15.00	14.98	14.89	16.5	0.0
100	PI/2 BPSK	135	69	14.92	14.94	14.93	16.5	0.0
100	PI/2 BPSK	135	138	14.83	14.86	14.99	16.5	0.0
100	PI/2 BPSK	270	0	14.92	14.77	15.12		
100	QPSK	1	1	15.09	15.13	15.06		
100	QPSK	1	137	14.81	14.84	14.77	16.5	0.0
100	QPSK	1	271	14.89	14.75	14.78		
100	QPSK	135	0	14.85	14.95	14.86	16.5	0.0
100	QPSK	135	69	14.97	15.08	15.01	16.5	0.0
100	QPSK	135	138	15.07	15.01	15.04	16.5	0.0
100	QPSK	270	0	14.95	15.05	14.91		
100	16QAM	1	1	14.87	14.85	14.88	16.5	0.0
100	64QAM	1	1	14.91	14.98	14.84	16.5	0.0
100	256QAM	1	1	14.95	14.94	14.81	16.5	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	15.09	14.92	15.06	16.5	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	15.10	14.98	15.02	16.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	15.03	15.00	14.89	16.5	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	15.05	14.94	14.87	16.5	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	14.90	15.01	14.89	16.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	14.88	14.97	14.93	16.5	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	14.99	14.91	15.05	16.5	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	15.08	15.06	15.06	16.5	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	15.07	14.93	14.86	16.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	14.94	15.08	14.90	16.5	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	18.04	18.00	18.09		
100	PI/2 BPSK	1	137	17.93	17.87	18.05	19.5	0.0
100	PI/2 BPSK	1	271	17.97	17.79	17.84		
100	PI/2 BPSK	135	0	18.00	17.96	17.96	19.5	0.0
100	PI/2 BPSK	135	69	18.09	18.15	18.09	19.5	0.0
100	PI/2 BPSK	135	138	17.98	17.97	18.04	19.5	0.0
100	PI/2 BPSK	270	0	17.99	17.79	18.18		
100	QPSK	1	1	18.19	18.20	18.17		
100	QPSK	1	137	17.92	17.87	17.76	19.5	0.0
100	QPSK	1	271	18.07	17.95	17.84		
100	QPSK	135	0	17.94	18.03	18.02	19.5	0.0
100	QPSK	135	69	18.06	18.15	18.04	19.5	0.0
100	QPSK	135	138	18.08	18.10	18.02	19.5	0.0
100	QPSK	270	0	18.02	18.09	17.98		
100	16QAM	1	1	18.04	17.91	17.92	19.5	0.0
100	64QAM	1	1	18.10	18.03	18.04	19.5	0.0
100	256QAM	1	1	18.05	18.05	18.00	19.5	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	18.06	18.00	18.16	19.5	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	17.98	18.16	17.95	19.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	18.09	18.08	18.15	19.5	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	18.08	18.00	18.09	19.5	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	18.14	18.02	17.97	19.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	18.16	18.12	18.06	19.5	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	18.17	18.05	18.08	19.5	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	18.04	18.15	18.15	19.5	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	18.14	18.17	18.00	19.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	18.18	18.15	18.10	19.5	0.0

PC3 Part27Q n77 Ant8 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		15.02		16.5	0.0
100	PI/2 BPSK	1	137		14.89			
100	PI/2 BPSK	1	271		14.75			
100	PI/2 BPSK	135	0		14.93		16.5	0.0
100	PI/2 BPSK	135	69		14.83		16.5	0.0
100	PI/2 BPSK	135	138		14.72		16.5	0.0
100	PI/2 BPSK	270	0		14.67			
100	QPSK	1	1		15.06		16.5	0.0
100	QPSK	1	137		14.73			
100	QPSK	1	271		14.57			
100	QPSK	135	0		14.92		16.5	0.0
100	QPSK	135	69		14.97		16.5	0.0
100	QPSK	135	138		14.87		16.5	0.0
100	QPSK	270	0		14.91			
100	16QAM	1	1		14.76		16.5	0.0
100	64QAM	1	1		14.80		16.5	0.0
100	256QAM	1	1		14.79		16.5	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	14.95	15.03	14.80	16.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	14.83	14.88	14.81	16.5	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	14.90	14.85	14.95	16.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	14.83	14.95	15.00	16.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	14.90	14.85	14.85	16.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	14.92	14.98	15.03	16.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	14.83	14.99	14.91	16.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	14.93	14.97	15.01	16.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	14.88	15.00	14.87	16.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	14.81	15.05	14.91	16.5	0.0

PC2 Part27Q n77 Ant8 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		17.75		19.5	0.0
100	PI/2 BPSK	1	137		17.72			
100	PI/2 BPSK	1	271		17.70			
100	PI/2 BPSK	135	0		17.79		19.5	0.0
100	PI/2 BPSK	135	69		17.81		19.5	0.0
100	PI/2 BPSK	135	138		17.84		19.5	0.0
100	PI/2 BPSK	270	0		17.60			
100	QPSK	1	1		17.95		19.5	0.0
100	QPSK	1	137		17.60			
100	QPSK	1	271		17.66			
100	QPSK	135	0		17.91		19.5	0.0
100	QPSK	135	69		17.92		19.5	0.0
100	QPSK	135	138		17.83		19.5	0.0
100	QPSK	270	0		17.91			
100	16QAM	1	1		17.74		19.5	0.0
100	64QAM	1	1		17.74		19.5	0.0
100	256QAM	1	1		17.94		19.5	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	17.87	17.91	17.69	19.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	17.87	17.94	17.83	19.5	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	17.72	17.85	17.80	19.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	17.86	17.84	17.77	19.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	17.69	17.83	17.82	19.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	17.88	17.90	17.83	19.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	17.73	17.75	17.90	19.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	17.89	17.92	17.72	19.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	17.91	17.77	17.68	19.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	17.81	17.88	17.69	19.5	0.0

PC3 Part27O n78 Ant8 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		15.79		17.5	0.0
100	PI/2 BPSK	1	137		15.54			
100	PI/2 BPSK	1	271		15.76			
100	PI/2 BPSK	135	0		15.73		17.5	0.0
100	PI/2 BPSK	135	69		15.84		17.5	0.0
100	PI/2 BPSK	135	138		15.74		17.5	0.0
100	PI/2 BPSK	270	0		15.64			
100	QPSK	1	1		15.96		17.5	0.0
100	QPSK	1	137		15.74			
100	QPSK	1	271		15.60			
100	QPSK	135	0		15.74		17.5	0.0
100	QPSK	135	69		15.91		17.5	0.0
100	QPSK	135	138		15.72		17.5	0.0
100	QPSK	270	0		15.88			
100	16QAM	1	1		15.77		17.5	0.0
100	64QAM	1	1		15.72		17.5	0.0
100	256QAM	1	1		15.76		17.5	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	15.86	15.77	15.82	17.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	15.84	15.74	15.87	17.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	15.80	15.88	15.87	17.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	15.76	15.85	15.66	17.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	15.82	15.82	15.88	17.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	15.85	15.89	15.77	17.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	15.69	15.88	15.70	17.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	15.81	15.93	15.78	17.5	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	15.69	15.93	15.86	17.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	15.86	15.87	15.83	17.5	0.0

PC2 Part27O n78 Ant8 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		18.79		20.5	0.0
100	PI/2 BPSK	1	137		18.79			
100	PI/2 BPSK	1	271		18.76			
100	PI/2 BPSK	135	0		18.91		20.5	0.0
100	PI/2 BPSK	135	69		18.81		20.5	0.0
100	PI/2 BPSK	135	138		18.74		20.5	0.0
100	PI/2 BPSK	270	0		18.87			
100	QPSK	1	1		18.92		20.5	0.0
100	QPSK	1	137		18.77			
100	QPSK	1	271		18.80			
100	QPSK	135	0		18.62		20.5	0.0
100	QPSK	135	69		18.87		20.5	0.0
100	QPSK	135	138		18.75		20.5	0.0
100	QPSK	270	0		18.82			
100	16QAM	1	1		18.85		20.5	0.0
100	64QAM	1	1		18.70		20.5	0.0
100	256QAM	1	1		18.62		20.5	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	18.87	18.87	18.79	20.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	18.79	18.77	18.79	20.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	18.91	18.86	18.67	20.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	18.72	18.72	18.63	20.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	18.74	18.87	18.58	20.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	18.80	18.84	18.57	20.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	18.83	18.84	18.73	20.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	18.72	18.71	18.59	20.5	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	18.72	18.82	18.74	20.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	18.74	18.78	18.58	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		15.71		17.5	0.0
100	PI/2 BPSK	1	137		15.71			
100	PI/2 BPSK	1	271		15.78			
100	PI/2 BPSK	135	0		15.80		17.5	0.0
100	PI/2 BPSK	135	69		15.73		17.5	0.0
100	PI/2 BPSK	135	138		15.75		17.5	0.0
100	PI/2 BPSK	270	0		15.70			
100	QPSK	1	1		15.81		17.5	0.0
100	QPSK	1	137		15.58			
100	QPSK	1	271		15.67			
100	QPSK	135	0		15.61		17.5	0.0
100	QPSK	135	69		15.78		17.5	0.0
100	QPSK	135	138		15.67		17.5	0.0
100	QPSK	270	0		15.75			
100	16QAM	1	1		15.71		17.5	0.0
100	64QAM	1	1		15.64		17.5	0.0
100	256QAM	1	1		15.66		17.5	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	15.61	15.69	15.51	17.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	15.61	15.78	15.55	17.5	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	15.56	15.78	15.71	17.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	15.55	15.65	15.73	17.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	15.56	15.71	15.57	17.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	15.54	15.63	15.70	17.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	15.63	15.79	15.67	17.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	15.57	15.60	15.60	17.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	15.61	15.78	15.52	17.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	15.67	15.62	15.68	17.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		18.79		20.5	0.0
100	PI/2 BPSK	1	137		18.63			
100	PI/2 BPSK	1	271		18.85			
100	PI/2 BPSK	135	0		18.78		20.5	0.0
100	PI/2 BPSK	135	69		18.68		20.5	0.0
100	PI/2 BPSK	135	138		18.80		20.5	0.0
100	PI/2 BPSK	270	0		18.84			
100	QPSK	1	1		18.88		20.5	0.0
100	QPSK	1	137		18.66			
100	QPSK	1	271		18.80			
100	QPSK	135	0		18.66		20.5	0.0
100	QPSK	135	69		18.85		20.5	0.0
100	QPSK	135	138		18.66		20.5	0.0
100	QPSK	270	0		18.76			
100	16QAM	1	1		18.80		20.5	0.0
100	64QAM	1	1		18.71		20.5	0.0
100	256QAM	1	1		18.70		20.5	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	18.70	18.76	18.68	20.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	18.63	18.68	18.57	20.5	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	18.65	18.75	18.66	20.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	18.67	18.79	18.54	20.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	18.73	18.87	18.54	20.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	18.77	18.79	18.74	20.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	18.60	18.70	18.69	20.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	18.64	18.75	18.65	20.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	18.64	18.72	18.73	20.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	18.67	18.85	18.55	20.5	0.0

PC3 Part27O n77 Ant10 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	18.97	18.93	18.49		
100	PI/2 BPSK	1	137	18.93	18.94	18.61	20.0	0.0
100	PI/2 BPSK	1	271	18.98	18.91	18.37		
100	PI/2 BPSK	135	0	18.61	18.95	18.27	20.0	0.0
100	PI/2 BPSK	135	69	18.74	18.96	18.62	20.0	0.0
100	PI/2 BPSK	135	138	19.00	19.07	18.61	20.0	0.0
100	PI/2 BPSK	270	0	18.81	18.80	18.32		
100	QPSK	1	1	19.06	19.17	18.97		
100	QPSK	1	137	18.89	18.88	18.38	20.0	0.0
100	QPSK	1	271	18.86	18.96	18.41		
100	QPSK	135	0	18.81	18.92	18.42	20.0	0.0
100	QPSK	135	69	18.95	19.14	18.44	20.0	0.0
100	QPSK	135	138	18.83	18.93	18.38	20.0	0.0
100	QPSK	270	0	18.86	18.98	18.48		
100	16QAM	1	1	18.82	18.86	18.37	20.0	0.0
100	64QAM	1	1	17.29	17.37	16.94	18.5	1.5
100	256QAM	1	1	15.37	15.51	15.02	16.5	3.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	18.82	19.01	18.45	20.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	18.80	19.03	18.42	20.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	18.89	18.83	18.34	20.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	18.73	18.92	18.45	20.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	18.78	18.98	18.33	20.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	18.90	18.85	18.32	20.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	18.94	18.93	18.37	20.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	18.95	19.03	18.36	20.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	18.94	19.06	18.38	20.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	18.90	19.02	18.39	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	21.73	21.84	21.59		
100	PI/2 BPSK	1	137	21.91	21.94	21.56	23.0	0.0
100	PI/2 BPSK	1	271	21.87	21.93	21.51		
100	PI/2 BPSK	135	0	21.23	21.31	21.12	22.5	0.5
100	PI/2 BPSK	135	69	21.62	21.77	21.51	23.0	0.0
100	PI/2 BPSK	135	138	21.20	21.30	21.10	22.5	0.5
100	PI/2 BPSK	270	0	21.27	21.34	21.10		
100	QPSK	1	1	21.95	22.00	21.53		
100	QPSK	1	137	21.85	21.97	21.62	23.0	0.0
100	QPSK	1	271	21.85	21.96	21.58		
100	QPSK	135	0	20.64	20.79	20.51	22.0	1.0
100	QPSK	135	69	21.81	21.91	21.53	23.0	0.0
100	QPSK	135	138	20.71	20.77	20.54	22.0	1.0
100	QPSK	270	0	20.72	20.87	20.52		
100	16QAM	1	1	20.78	20.82	20.58	22.0	1.0
100	64QAM	1	1	19.20	19.35	19.01	20.5	2.5
100	256QAM	1	1	17.35	17.39	17.01	18.5	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	21.84	21.87	21.51	23.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	21.81	21.86	21.54	23.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	21.79	21.87	21.58	23.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	21.87	21.84	21.57	23.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	21.91	21.94	21.58	23.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	21.82	21.86	21.54	23.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	21.79	21.95	21.57	23.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	21.93	21.90	21.59	23.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	21.89	21.86	21.59	23.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	21.80	21.92	21.54	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		18.83		20.0	0.0
100	PI/2 BPSK	1	137		18.62			
100	PI/2 BPSK	1	271		18.78			
100	PI/2 BPSK	135	0		18.69		20.0	0.0
100	PI/2 BPSK	135	69		18.66		20.0	0.0
100	PI/2 BPSK	135	138		18.63		20.0	0.0
100	PI/2 BPSK	270	0		18.73			
100	QPSK	1	1		18.95		20.0	0.0
100	QPSK	1	137		18.88			
100	QPSK	1	271		18.77			
100	QPSK	135	0		18.78		20.0	0.0
100	QPSK	135	69		18.87		20.0	0.0
100	QPSK	135	138		18.83		20.0	0.0
100	QPSK	270	0		18.91			
100	16QAM	1	1		18.86		20.0	0.0
100	64QAM	1	1		17.19		18.5	1.5
100	256QAM	1	1		15.30		16.5	3.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	18.89	18.62	18.72	20.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	18.85	18.82	18.70	20.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	18.89	18.74	18.83	20.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	18.88	18.77	18.65	20.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	18.86	18.68	18.70	20.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	18.72	18.71	18.63	20.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	18.84	18.85	18.68	20.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	18.74	18.63	18.62	20.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	18.71	18.76	18.68	20.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	18.72	18.69	18.67	20.0	0.0

PC2 Part27Q n77 Ant10 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		21.83		23.0	0.0
100	PI/2 BPSK	1	137		21.79			
100	PI/2 BPSK	1	271		21.87			
100	PI/2 BPSK	135	0		21.18		22.5	0.5
100	PI/2 BPSK	135	69		21.83		23.0	0.0
100	PI/2 BPSK	135	138		21.33		22.5	0.5
100	PI/2 BPSK	270	0		21.25			
100	QPSK	1	1		21.92		23.0	0.0
100	QPSK	1	137		21.89			
100	QPSK	1	271		21.87			
100	QPSK	135	0		20.95		22.0	1.0
100	QPSK	135	69		21.85		23.0	0.0
100	QPSK	135	138		20.95		22.0	1.0
100	QPSK	270	0		21.03			
100	16QAM	1	1		20.93		22.0	1.0
100	64QAM	1	1		19.21		20.5	2.5
100	256QAM	1	1		17.36		18.5	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	21.84	21.77	21.82	23.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	21.76	21.77	21.80	23.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	21.79	21.81	21.84	23.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	21.79	21.79	21.79	23.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	21.83	21.84	21.88	23.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	21.84	21.88	21.80	23.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	21.81	21.89	21.82	23.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	21.76	21.77	21.85	23.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	21.84	21.87	21.83	23.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	21.88	21.78	21.83	23.0	0.0

PC3 Part27O n78 Ant10 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		18.17		19.5	0.0
100	PI/2 BPSK	1	137		18.22			
100	PI/2 BPSK	1	271		18.12			
100	PI/2 BPSK	135	0		18.09		19.5	0.0
100	PI/2 BPSK	135	69		18.18		19.5	0.0
100	PI/2 BPSK	135	138		18.07		19.5	0.0
100	PI/2 BPSK	270	0		18.27			
100	QPSK	1	1		18.39		19.5	0.0
100	QPSK	1	137		18.21			
100	QPSK	1	271		18.29			
100	QPSK	135	0		18.31		19.5	0.0
100	QPSK	135	69		18.38		19.5	0.0
100	QPSK	135	138		18.33		19.5	0.0
100	QPSK	270	0		18.28			
100	16QAM	1	1		18.22		19.5	0.0
100	64QAM	1	1		17.12		18.5	1.0
100	256QAM	1	1		15.23		16.5	3.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	18.20	18.14	18.12	19.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	18.18	18.30	18.10	19.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	18.36	18.14	18.22	19.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	18.31	18.10	18.11	19.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	18.27	18.26	18.29	19.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	18.35	18.10	18.26	19.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	18.27	18.09	18.20	19.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	18.33	18.27	18.28	19.5	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	18.19	18.28	18.26	19.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	18.23	18.27	18.18	19.5	0.0

PC2 Part27O n78 Ant10 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		21.19		22.5	0.0
100	PI/2 BPSK	1	137		21.18			
100	PI/2 BPSK	1	271		21.27			
100	PI/2 BPSK	135	0		21.11		22.5	0.0
100	PI/2 BPSK	135	69		21.08		22.5	0.0
100	PI/2 BPSK	135	138		21.22		22.5	0.0
100	PI/2 BPSK	270	0		21.24			
100	QPSK	1	1		21.42		22.5	0.0
100	QPSK	1	137		21.29			
100	QPSK	1	271		21.19			
100	QPSK	135	0		20.74		22.0	0.5
100	QPSK	135	69		21.17		22.5	0.0
100	QPSK	135	138		20.78		22.0	0.5
100	QPSK	270	0		20.82			
100	16QAM	1	1		20.71		22.0	0.5
100	64QAM	1	1		19.19		20.5	2.0
100	256QAM	1	1		17.29		18.5	4.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	21.31	21.17	21.22	22.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	21.22	21.27	21.13	22.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	21.27	21.33	21.18	22.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	21.31	21.38	21.26	22.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	21.25	21.36	21.33	22.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	21.26	21.24	21.33	22.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	21.37	21.36	21.16	22.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	21.34	21.41	21.33	22.5	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	21.36	21.25	21.32	22.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	21.33	21.24	21.23	22.5	0.0

PC3 Part27Q n78 Ant10 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		18.12		19.5	0.0
100	PI/2 BPSK	1	137		18.17			
100	PI/2 BPSK	1	271		18.10			
100	PI/2 BPSK	135	0		18.13		19.5	0.0
100	PI/2 BPSK	135	69		18.10		19.5	0.0
100	PI/2 BPSK	135	138		18.11		19.5	0.0
100	PI/2 BPSK	270	0		18.24			
100	QPSK	1	1		18.37		19.5	0.0
100	QPSK	1	137		18.14			
100	QPSK	1	271		18.24			
100	QPSK	135	0		18.16		19.5	0.0
100	QPSK	135	69		18.32		19.5	0.0
100	QPSK	135	138		18.30		19.5	0.0
100	QPSK	270	0		18.25			
100	16QAM	1	1		18.15		19.5	0.0
100	64QAM	1	1		17.23		18.5	1.0
100	256QAM	1	1		15.20		16.5	3.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	18.20	18.09	18.18	19.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	18.13	18.13	18.23	19.5	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	18.14	18.20	18.05	19.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	18.07	18.12	18.14	19.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	18.26	18.15	18.05	19.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	18.10	18.14	18.08	19.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	18.24	18.04	18.22	19.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	18.17	18.01	18.20	19.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	18.17	18.05	18.15	19.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	18.16	18.17	18.20	19.5	0.0

PC2 Part27Q n78 Ant10 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		21.12		22.5	0.0
100	PI/2 BPSK	1	137		21.14			
100	PI/2 BPSK	1	271		21.10			
100	PI/2 BPSK	135	0		21.04		22.5	0.0
100	PI/2 BPSK	135	69		21.12		22.5	0.0
100	PI/2 BPSK	135	138		21.16		22.5	0.0
100	PI/2 BPSK	270	0		21.18			
100	QPSK	1	1		21.26		22.5	0.0
100	QPSK	1	137		21.15			
100	QPSK	1	271		21.04			
100	QPSK	135	0		20.86		22.0	0.5
100	QPSK	135	69		21.26		22.5	0.0
100	QPSK	135	138		20.76		22.0	0.5
100	QPSK	270	0		20.92			
100	16QAM	1	1		20.75		22.0	0.5
100	64QAM	1	1		19.10		20.5	2.0
100	256QAM	1	1		17.14		18.5	4.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	21.18	21.03	21.11	22.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	21.16	21.08	21.21	22.5	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	21.17	21.01	21.21	22.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	21.11	21.05	21.11	22.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	21.08	21.10	21.21	22.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	21.12	21.05	21.12	22.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	21.09	21.11	21.16	22.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	21.07	21.13	21.18	22.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	21.08	21.09	21.24	22.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	21.18	21.05	21.09	22.5	0.0

Reduced Power Mode for DSI5

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	25.07	25.12	25.05	25.7	0.0
20	PI/2 BPSK	1	53	24.96	25.09	25.02		
20	PI/2 BPSK	1	104	24.92	25.04	24.93		
20	PI/2 BPSK	50	0	24.61	24.69	24.59	25.2	0.5
20	PI/2 BPSK	50	28	25.01	25.15	25.04	25.7	0.0
20	PI/2 BPSK	50	56	24.51	24.65	24.60	25.2	0.5
20	PI/2 BPSK	100	0	24.57	24.67	24.61		
20	QPSK	1	1	25.10	25.18	25.06	25.7	0.0
20	QPSK	1	53	24.98	25.11	25.03		
20	QPSK	1	104	24.72	24.81	24.70		
20	QPSK	50	0	24.09	24.21	24.09	24.7	1.0
20	QPSK	50	28	25.12	25.16	25.11	25.7	0.0
20	QPSK	50	56	24.15	24.19	24.06	24.7	1.0
20	QPSK	100	0	24.08	24.15	24.09		
20	16QAM	1	1	23.87	23.94	23.88	24.7	1.0
20	64QAM	1	1	22.37	22.45	22.39	23.2	2.5
20	256QAM	1	1	20.73	20.78	20.71	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	25.01	25.05	24.96	25.7	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	25.06	25.03	24.96	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	25.00	25.13	24.92	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	21.32	21.43	21.34	23.0	0.0
40	PI/2 BPSK	1	108	21.33	21.41	21.36		
40	PI/2 BPSK	1	214	21.11	21.26	21.13		
40	PI/2 BPSK	108	0	20.84	20.90	20.76	22.5	0.5
40	PI/2 BPSK	108	54	21.27	21.33	21.27	23.0	0.0
40	PI/2 BPSK	108	108	20.72	20.82	20.72	22.5	0.5
40	PI/2 BPSK	216	0	20.73	20.86	20.76		
40	QPSK	1	1	21.39	21.45	21.37	23.0	0.0
40	QPSK	1	108	21.30	21.34	21.24		
40	QPSK	1	214	21.19	21.24	21.17		
40	QPSK	108	0	20.35	20.42	20.28	22.0	1.0
40	QPSK	108	54	21.27	21.40	21.27	23.0	0.0
40	QPSK	108	108	20.31	20.37	20.26	22.0	1.0
40	QPSK	216	0	20.34	20.41	20.36		
40	16QAM	1	1	20.43	20.54	20.46	22.0	1.0
40	64QAM	1	1	18.67	18.78	18.66	20.5	2.5
40	256QAM	1	1	17.11	17.15	17.07	18.5	4.5
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	21.29	21.32	21.27	23.0	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	21.27	21.37	21.30	23.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	21.34	21.37	21.28	23.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	21.35	21.36	21.29	23.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	21.29	21.41	21.28	23.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	21.27	21.40	21.29	23.0	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	21.79	21.87	21.75	23.3	0.0
40	PI/2 BPSK	1	53	21.77	21.91	21.86		
40	PI/2 BPSK	1	104	21.87	21.90	21.79		
40	PI/2 BPSK	50	0	21.43	21.52	21.45	22.8	0.5
40	PI/2 BPSK	50	28	21.79	21.86	21.74	23.3	0.0
40	PI/2 BPSK	50	56	21.37	21.51	21.48	22.8	0.5
40	PI/2 BPSK	100	0	21.39	21.49	21.42		
40	QPSK	1	1	21.87	21.96	21.82	23.3	0.0
40	QPSK	1	53	21.87	21.93	21.81		
40	QPSK	1	104	21.87	21.90	21.86		
40	QPSK	50	0	20.91	21.02	20.95	22.3	1.0
40	QPSK	50	28	21.89	21.92	21.84	23.3	0.0
40	QPSK	50	56	20.91	21.04	21.00	22.3	1.0
40	QPSK	100	0	20.86	20.97	20.84		
40	16QAM	1	1	20.85	20.93	20.84	22.3	1.0
40	64QAM	1	1	19.22	19.33	19.23	20.8	2.5
40	256QAM	1	1	17.48	17.62	17.55	18.8	4.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	21.84	21.87	21.74	23.3	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	21.79	21.92	21.73	23.3	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	21.76	21.85	21.75	23.3	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	21.76	21.89	21.67	23.3	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	21.90	21.96	21.88	23.3	0.0
100	PI/2 BPSK	1	137	21.73	21.87	21.84		
100	PI/2 BPSK	1	271	21.71	21.78	21.68		
100	PI/2 BPSK	135	0	21.26	21.39	21.34	22.8	0.5
100	PI/2 BPSK	135	69	21.76	21.87	21.76	23.3	0.0
100	PI/2 BPSK	135	138	21.27	21.30	21.20	22.8	0.5
100	PI/2 BPSK	270	0	21.29	21.40	21.35		
100	QPSK	1	1	21.86	21.98	21.91	23.3	0.0
100	QPSK	1	137	21.86	21.94	21.87		
100	QPSK	1	271	21.53	21.66	21.62		
100	QPSK	135	0	20.81	20.92	20.81	22.3	1.0
100	QPSK	135	69	21.70	21.84	21.77	23.3	0.0
100	QPSK	135	138	20.73	20.81	20.67	22.3	1.0
100	QPSK	270	0	20.79	20.83	20.74		
100	16QAM	1	1	20.91	20.99	20.90	22.3	1.0
100	64QAM	1	1	19.55	19.61	19.57	20.8	2.5
100	256QAM	1	1	17.63	17.68	17.57	18.8	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	21.78	21.91	21.77	23.3	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	21.81	21.83	21.87	23.3	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	21.76	21.93	21.79	23.3	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	21.81	21.91	21.79	23.3	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	21.79	21.93	21.78	23.3	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	21.78	21.94	21.81	23.3	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	21.72	21.86	21.77	23.3	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	21.76	21.93	21.85	23.3	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	21.01	21.10	20.90	22.0	0.0
20	PI/2 BPSK	1	53	21.05	21.07	21.06		
20	PI/2 BPSK	1	104	20.89	21.05	20.88		
20	PI/2 BPSK	50	0	20.99	21.09	21.06	22.0	0.0
20	PI/2 BPSK	50	28	20.97	21.03	20.90	22.0	0.0
20	PI/2 BPSK	50	56	20.99	21.06	21.03	22.0	0.0
20	PI/2 BPSK	100	0	21.03	21.08	21.03		
20	QPSK	1	1	21.14	21.27	21.09	22.0	0.0
20	QPSK	1	53	20.88	21.03	20.87		
20	QPSK	1	104	20.98	20.98	20.78		
20	QPSK	50	0	21.02	21.02	21.05	22.0	0.0
20	QPSK	50	28	21.04	21.12	21.10	22.0	0.0
20	QPSK	50	56	20.85	21.05	20.84	22.0	0.0
20	QPSK	100	0	20.92	21.06	20.97		
20	16QAM	1	1	20.92	20.92	20.78	22.0	0.0
20	64QAM	1	1	21.09	21.22	21.06	22.0	0.0
20	256QAM	1	1	20.01	20.12	20.07	21.0	1.0
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	20.99	21.11	20.96	22.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	21.04	21.22	21.07	22.0	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	21.00	21.10	21.11	22.0	0.0

n7 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				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	16.43	16.57	16.57	17.0	0.0
40	PI/2 BPSK	1	108	16.50	16.50	16.47		
40	PI/2 BPSK	1	214	16.34	16.40	16.21		
40	PI/2 BPSK	108	0	16.33	16.55	16.39	17.0	0.0
40	PI/2 BPSK	108	54	16.24	16.40	16.37	17.0	0.0
40	PI/2 BPSK	108	108	16.40	16.42	16.38	17.0	0.0
40	PI/2 BPSK	216	0	16.42	16.50	16.50		
40	QPSK	1	1	16.60	16.61	16.58	17.0	0.0
40	QPSK	1	108	16.43	16.54	16.47		
40	QPSK	1	214	16.49	16.52	16.38		
40	QPSK	108	0	16.50	16.55	16.49	17.0	0.0
40	QPSK	108	54	16.56	16.60	16.54	17.0	0.0
40	QPSK	108	108	16.43	16.50	16.46	17.0	0.0
40	QPSK	216	0	16.44	16.54	16.46		
40	16QAM	1	1	16.56	16.60	16.42	17.0	0.0
40	64QAM	1	1	16.58	16.60	16.51	17.0	0.0
40	256QAM	1	1	16.41	16.57	16.54	17.0	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	16.41	16.54	16.56	17.0	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	16.41	16.45	16.37	17.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	16.45	16.45	16.41	17.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	16.54	16.47	16.51	17.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	16.40	16.58	16.60	17.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	16.48	16.45	16.39	17.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	16.97	17.10	17.12	18.2	0.0
40	PI/2 BPSK	1	53	16.75	16.93	16.86		
40	PI/2 BPSK	1	104	16.81	16.92	16.84		
40	PI/2 BPSK	50	0	16.78	16.99	16.78	18.2	0.0
40	PI/2 BPSK	50	28	16.70	16.87	16.80	18.2	0.0
40	PI/2 BPSK	50	56	16.67	16.87	16.75	18.2	0.0
40	PI/2 BPSK	100	0	16.79	16.92	16.91		
40	QPSK	1	1	17.05	17.13	17.08	18.2	0.0
40	QPSK	1	53	16.69	16.80	16.79		
40	QPSK	1	104	16.81	16.81	16.76		
40	QPSK	50	0	16.76	16.94	16.94	18.2	0.0
40	QPSK	50	28	16.87	17.00	16.99	18.2	0.0
40	QPSK	50	56	16.83	16.92	16.79	18.2	0.0
40	QPSK	100	0	16.90	16.96	16.86		
40	16QAM	1	1	16.75	16.86	16.70	18.2	0.0
40	64QAM	1	1	16.92	16.92	16.82	18.2	0.0
40	256QAM	1	1	16.91	16.98	16.98	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	17.05	17.12	17.08	18.2	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	16.87	17.07	17.00	18.2	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	17.02	16.94	17.09	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	16.99	16.93	17.09	18.2	0.0

n41 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				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	16.89	16.95	16.75	18.2	0.0
100	PI/2 BPSK	1	137	16.88	16.87	16.73		
100	PI/2 BPSK	1	271	16.76	16.76	16.65		
100	PI/2 BPSK	135	0	17.00	17.05	16.98	18.2	0.0
100	PI/2 BPSK	135	69	16.99	17.00	16.82	18.2	0.0
100	PI/2 BPSK	135	138	16.75	16.90	16.70	18.2	0.0
100	PI/2 BPSK	270	0	16.86	16.95	16.84		
100	QPSK	1	1	16.98	17.15	17.05	18.2	0.0
100	QPSK	1	137	16.86	16.99	16.79		
100	QPSK	1	271	16.66	16.86	16.85		
100	QPSK	135	0	16.86	16.99	16.92	18.2	0.0
100	QPSK	135	69	17.01	17.14	17.11	18.2	0.0
100	QPSK	135	138	16.79	16.93	16.94	18.2	0.0
100	QPSK	270	0	16.80	17.00	16.96		
100	16QAM	1	1	16.69	16.86	16.83	18.2	0.0
100	64QAM	1	1	16.93	17.11	17.06	18.2	0.0
100	256QAM	1	1	16.98	17.11	17.06	18.2	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	16.91	17.08	17.01	18.2	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	16.91	17.02	17.06	18.2	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	16.76	17.11	16.83	18.2	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	16.87	17.03	16.95	18.2	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	16.84	16.96	16.89	18.2	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	16.79	17.10	16.96	18.2	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	16.94	17.13	17.01	18.2	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	16.84	17.12	16.96	18.2	0.0

n7 Ant2 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	20.60	20.81	20.64	21.2	0.0
40	PI/2 BPSK	1	108	20.74	20.85	20.70		
40	PI/2 BPSK	1	214	20.82	20.82	20.61		
40	PI/2 BPSK	108	0	20.85	20.87	20.74	21.2	0.0
40	PI/2 BPSK	108	54	20.71	20.79	20.71	21.2	0.0
40	PI/2 BPSK	108	108	20.70	20.78	20.72	21.2	0.0
40	PI/2 BPSK	216	0	20.87	20.87	20.81		
40	QPSK	1	1	20.73	20.93	20.71	21.2	0.0
40	QPSK	1	108	20.66	20.80	20.66		
40	QPSK	1	214	20.84	20.82	20.69		
40	QPSK	108	0	20.76	20.80	20.81	21.2	0.0
40	QPSK	108	54	20.67	20.83	20.68	21.2	0.0
40	QPSK	108	108	20.70	20.82	20.67	21.2	0.0
40	QPSK	216	0	20.80	20.85	20.67		
40	16QAM	1	1	20.61	20.77	20.78	21.2	0.0
40	64QAM	1	1	20.63	20.75	20.76	21.2	0.0
40	256QAM	1	1	19.60	19.74	19.71	20.2	1.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	20.59	20.87	20.70	21.2	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	20.65	20.84	20.62	21.2	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	20.67	20.81	20.51	21.2	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	20.56	20.81	20.63	21.2	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	20.61	20.73	20.54	21.2	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	20.59	20.79	20.60	21.2	0.0

n38 Ant2 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				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	20.86	20.90	20.87	21.2	0.0
40	PI/2 BPSK	1	53	20.80	20.82	20.84		
40	PI/2 BPSK	1	104	20.77	20.83	20.71		
40	PI/2 BPSK	50	0	20.63	20.81	20.69	21.2	0.0
40	PI/2 BPSK	50	28	20.72	20.78	20.80	21.2	0.0
40	PI/2 BPSK	50	56	20.67	20.80	20.81	21.2	0.0
40	PI/2 BPSK	100	0	20.83	20.82	20.67		
40	QPSK	1	1	20.90	20.94	20.92	21.2	0.0
40	QPSK	1	53	20.54	20.70	20.71		
40	QPSK	1	104	20.56	20.71	20.62		
40	QPSK	50	0	20.69	20.82	20.75	21.2	0.0
40	QPSK	50	28	20.78	20.86	20.77	21.2	0.0
40	QPSK	50	56	20.71	20.80	20.80	21.2	0.0
40	QPSK	100	0	20.70	20.78	20.63		
40	16QAM	1	1	20.57	20.63	20.42	21.2	0.0
40	64QAM	1	1	20.93	20.62	20.80	21.2	0.0
40	256QAM	1	1	20.69	20.84	20.76	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	20.69	20.74	20.71	21.2	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	20.71	20.92	20.87	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	20.82	20.75	20.91	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	20.77	20.89	20.87	21.2	0.0

n41 Ant2 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				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	20.80	20.95	20.86	21.7	0.0
100	PI/2 BPSK	1	137	20.73	20.92	20.74		
100	PI/2 BPSK	1	271	20.71	20.87	20.72		
100	PI/2 BPSK	135	0	21.03	21.06	20.96	21.7	0.0
100	PI/2 BPSK	135	69	20.94	21.09	21.10	21.7	0.0
100	PI/2 BPSK	135	138	20.88	21.08	21.09	21.7	0.0
100	PI/2 BPSK	270	0	21.03	21.07	20.88		
100	QPSK	1	1	21.13	21.28	21.24	21.7	0.0
100	QPSK	1	137	21.07	21.21	21.16		
100	QPSK	1	271	20.97	21.15	20.93		
100	QPSK	135	0	21.07	21.12	21.06	21.7	0.0
100	QPSK	135	69	21.13	21.24	20.98	21.7	0.0
100	QPSK	135	138	21.09	21.09	20.94	21.7	0.0
100	QPSK	270	0	20.92	21.12	21.02		
100	16QAM	1	1	20.91	21.10	21.07	21.7	0.0
100	64QAM	1	1	21.17	21.26	21.25	21.7	0.0
100	256QAM	1	1	20.63	20.74	20.58	21.2	0.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	20.94	21.25	21.15	21.7	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	21.07	21.08	21.04	21.7	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	21.00	21.20	21.26	21.7	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	20.95	21.08	21.17	21.7	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	21.03	21.17	21.25	21.7	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	20.92	21.09	21.03	21.7	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	21.09	21.09	21.12	21.7	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	21.04	21.23	21.15	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				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	17.53	17.63	17.52		
40	PI/2 BPSK	1	108	17.20	17.28	17.21	19.0	0.0
40	PI/2 BPSK	1	214	17.16	17.25	17.21		
40	PI/2 BPSK	108	0	17.37	17.51	17.35	19.0	0.0
40	PI/2 BPSK	108	54	17.55	17.60	17.48	19.0	0.0
40	PI/2 BPSK	108	108	17.18	17.33	17.18	19.0	0.0
40	PI/2 BPSK	216	0	17.22	17.29	17.18		
40	QPSK	1	1	17.60	17.65	17.64		
40	QPSK	1	108	17.42	17.51	17.38	19.0	0.0
40	QPSK	1	214	17.20	17.37	17.26		
40	QPSK	108	0	17.34	17.55	17.50	19.0	0.0
40	QPSK	108	54	17.56	17.57	17.36	19.0	0.0
40	QPSK	108	108	17.50	17.51	17.52	19.0	0.0
40	QPSK	216	0	17.41	17.43	17.21		
40	16QAM	1	1	17.16	17.30	17.24	19.0	0.0
40	64QAM	1	1	17.26	17.41	17.38	19.0	0.0
40	256QAM	1	1	17.33	17.36	17.26	19.0	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	17.56	17.60	17.41	19.0	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	17.50	17.56	17.42	19.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	17.57	17.44	17.49	19.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	17.45	17.60	17.50	19.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	17.48	17.51	17.55	19.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	17.55	17.57	17.53	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				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	17.32	17.49	17.44	18.8	0.0
40	PI/2 BPSK	1	53	17.40	17.40	17.22		
40	PI/2 BPSK	1	104	17.33	17.42	17.25		
40	PI/2 BPSK	50	0	17.44	17.42	17.39	18.8	0.0
40	PI/2 BPSK	50	28	17.25	17.39	17.39	18.8	0.0
40	PI/2 BPSK	50	56	17.23	17.38	17.39	18.8	0.0
40	PI/2 BPSK	100	0	17.25	17.45	17.44		
40	QPSK	1	1	17.40	17.50	17.45	18.8	0.0
40	QPSK	1	53	17.26	17.37	17.35		
40	QPSK	1	104	17.43	17.49	17.41		
40	QPSK	50	0	17.25	17.38	17.37	18.8	0.0
40	QPSK	50	28	17.23	17.42	17.34	18.8	0.0
40	QPSK	50	56	17.38	17.37	17.34	18.8	0.0
40	QPSK	100	0	17.31	17.43	17.37		
40	16QAM	1	1	17.40	17.45	17.33	18.8	0.0
40	64QAM	1	1	17.25	17.40	17.40	18.8	0.0
40	256QAM	1	1	17.37	17.32	17.37	18.8	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	17.34	17.45	17.27	18.8	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	17.41	17.35	17.38	18.8	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	17.32	17.44	17.40	18.8	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	17.29	17.48	17.36	18.8	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	17.32	17.39	17.40	19.0	0.0
100	PI/2 BPSK	1	137	17.44	17.46	17.42		
100	PI/2 BPSK	1	271	17.40	17.42	17.37		
100	PI/2 BPSK	135	0	17.41	17.49	17.35	19.0	0.0
100	PI/2 BPSK	135	69	17.41	17.43	17.42	19.0	0.0
100	PI/2 BPSK	135	138	17.41	17.42	17.40	19.0	0.0
100	PI/2 BPSK	270	0	17.41	17.47	17.35		
100	QPSK	1	1	17.53	17.55	17.32	19.0	0.0
100	QPSK	1	137	17.35	17.42	17.31		
100	QPSK	1	271	17.31	17.47	17.48		
100	QPSK	135	0	17.49	17.52	17.33	19.0	0.0
100	QPSK	135	69	17.52	17.57	17.48	19.0	0.0
100	QPSK	135	138	17.42	17.42	17.32	19.0	0.0
100	QPSK	270	0	17.41	17.50	17.46		
100	16QAM	1	1	17.43	17.44	17.39	19.0	0.0
100	64QAM	1	1	17.47	17.51	17.44	19.0	0.0
100	256QAM	1	1	17.33	17.48	17.44	19.0	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	17.42	17.54	17.48	19.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	17.53	17.56	17.52	19.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	17.33	17.38	17.32	19.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	17.46	17.55	17.32	19.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	17.38	17.44	17.36	19.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	17.45	17.42	17.32	19.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	17.41	17.53	17.49	19.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	17.38	17.41	17.32	19.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	15.75	15.91	15.71		
100	PI/2 BPSK	1	137	15.75	15.76	15.58	17.0	0.0
100	PI/2 BPSK	1	271	15.56	15.77	15.77		
100	PI/2 BPSK	135	0	15.70	15.77	15.71	17.0	0.0
100	PI/2 BPSK	135	69	15.81	15.82	15.60	17.0	0.0
100	PI/2 BPSK	135	138	15.45	15.64	15.61	17.0	0.0
100	PI/2 BPSK	270	0	15.76	15.81	15.62		
100	QPSK	1	1	15.82	15.99	15.87		
100	QPSK	1	137	15.62	15.70	15.72	17.0	0.0
100	QPSK	1	271	15.72	15.66	15.86		
100	QPSK	135	0	15.74	15.86	15.88	17.0	0.0
100	QPSK	135	69	15.83	15.90	15.86	17.0	0.0
100	QPSK	135	138	15.71	15.76	15.75	17.0	0.0
100	QPSK	270	0	15.85	15.87	15.81		
100	16QAM	1	1	15.67	15.80	15.69	17.0	0.0
100	64QAM	1	1	15.87	15.95	15.75	17.0	0.0
100	256QAM	1	1	15.74	15.87	15.67	17.0	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	15.62	15.79	15.78	17.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	15.67	15.95	15.87	17.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	15.77	15.79	15.86	17.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	15.81	15.95	15.72	17.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	15.63	15.96	15.81	17.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	15.66	15.96	15.69	17.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	15.81	15.83	15.79	17.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	15.75	15.95	15.66	17.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	15.77	15.87	15.75	17.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	15.61	15.87	15.87	17.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	18.62	18.87	18.53		
100	PI/2 BPSK	1	137	18.69	18.65	18.42	20.0	0.0
100	PI/2 BPSK	1	271	18.47	18.61	18.63		
100	PI/2 BPSK	135	0	18.55	18.58	18.66	20.0	0.0
100	PI/2 BPSK	135	69	18.75	18.71	18.51	20.0	0.0
100	PI/2 BPSK	135	138	18.34	18.55	18.43	20.0	0.0
100	PI/2 BPSK	270	0	18.73	18.77	18.56		
100	QPSK	1	1	18.79	18.95	18.82		
100	QPSK	1	137	18.46	18.56	18.52	20.0	0.0
100	QPSK	1	271	18.59	18.53	18.72		
100	QPSK	135	0	18.67	18.69	18.76	20.0	0.0
100	QPSK	135	69	18.84	18.88	18.83	20.0	0.0
100	QPSK	135	138	18.64	18.60	18.75	20.0	0.0
100	QPSK	270	0	18.81	18.86	18.83		
100	16QAM	1	1	18.65	18.74	18.53	20.0	0.0
100	64QAM	1	1	18.72	18.77	18.56	20.0	0.0
100	256QAM	1	1	18.61	18.78	18.50	20.0	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	18.66	18.84	18.75	20.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	18.76	18.83	18.82	20.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	18.65	18.90	18.80	20.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	18.61	18.82	18.82	20.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	18.72	18.88	18.65	20.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	18.64	18.74	18.82	20.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	18.69	18.92	18.81	20.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	18.78	18.93	18.71	20.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	18.57	18.93	18.61	20.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	18.79	18.86	18.64	20.0	0.0

PC3 Part27Q n77 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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		15.70		17.0	0.0
100	PI/2 BPSK	1	137		15.72			
100	PI/2 BPSK	1	271		15.76			
100	PI/2 BPSK	135	0		15.75		17.0	0.0
100	PI/2 BPSK	135	69		15.69		17.0	0.0
100	PI/2 BPSK	135	138		15.73		17.0	0.0
100	PI/2 BPSK	270	0		15.79			
100	QPSK	1	1		15.81		17.0	0.0
100	QPSK	1	137		15.63			
100	QPSK	1	271		15.63			
100	QPSK	135	0		15.71		17.0	0.0
100	QPSK	135	69		15.79		17.0	0.0
100	QPSK	135	138		15.77		17.0	0.0
100	QPSK	270	0		15.75			
100	16QAM	1	1		15.62		17.0	0.0
100	64QAM	1	1		15.74		17.0	0.0
100	256QAM	1	1		15.61		17.0	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	15.62	15.59	15.72	17.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	15.65	15.68	15.74	17.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	15.56	15.79	15.65	17.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	15.58	15.65	15.64	17.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	15.69	15.61	15.61	17.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	15.62	15.79	15.76	17.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	15.63	15.76	15.64	17.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	15.69	15.74	15.70	17.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	15.67	15.60	15.56	17.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	15.69	15.78	15.68	17.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		18.61		20.0	0.0
100	PI/2 BPSK	1	137		18.68			
100	PI/2 BPSK	1	271		18.74			
100	PI/2 BPSK	135	0		18.65		20.0	0.0
100	PI/2 BPSK	135	69		18.63		20.0	0.0
100	PI/2 BPSK	135	138		18.68		20.0	0.0
100	PI/2 BPSK	270	0		18.85			
100	QPSK	1	1		18.87		20.0	0.0
100	QPSK	1	137		18.51			
100	QPSK	1	271		18.68			
100	QPSK	135	0		18.66		20.0	0.0
100	QPSK	135	69		18.85		20.0	0.0
100	QPSK	135	138		18.75		20.0	0.0
100	QPSK	270	0		18.81			
100	16QAM	1	1		18.69		20.0	0.0
100	64QAM	1	1		18.79		20.0	0.0
100	256QAM	1	1		18.72		20.0	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	18.76	18.78	18.76	20.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	18.73	18.80	18.74	20.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	18.76	18.70	18.77	20.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	18.64	18.79	18.66	20.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	18.74	18.63	18.66	20.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	18.58	18.75	18.82	20.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	18.76	18.72	18.69	20.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	18.72	18.85	18.72	20.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	18.62	18.79	18.78	20.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	18.55	18.65	18.62	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	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		16.25		17.5	0.0
100	PI/2 BPSK	1	137		16.28			
100	PI/2 BPSK	1	271		16.30			
100	PI/2 BPSK	135	0		16.28		17.5	0.0
100	PI/2 BPSK	135	69		16.30		17.5	0.0
100	PI/2 BPSK	135	138		16.16		17.5	0.0
100	PI/2 BPSK	270	0		16.21			
100	QPSK	1	1		16.32		17.5	0.0
100	QPSK	1	137		16.26			
100	QPSK	1	271		16.28			
100	QPSK	135	0		16.23		17.5	0.0
100	QPSK	135	69		16.30		17.5	0.0
100	QPSK	135	138		16.23		17.5	0.0
100	QPSK	270	0		16.25			
100	16QAM	1	1		16.22		17.5	0.0
100	64QAM	1	1		16.24		17.5	0.0
100	256QAM	1	1		16.30		17.5	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	16.24	16.13	16.12	17.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	16.19	16.28	16.11	17.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	16.16	16.15	16.05	17.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	16.18	16.29	16.19	17.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				16.18	16.29	16.08		
50	QPSK	1	1	16.08	16.30	16.23	17.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	16.13	16.30	16.15	17.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	16.28	16.20	16.23	17.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	16.13	16.28	16.25	17.5	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	16.12	16.27	16.05	17.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	16.13	16.28	16.22	17.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		19.31		20.5	0.0
100	PI/2 BPSK	1	137		19.37			
100	PI/2 BPSK	1	271		19.21			
100	PI/2 BPSK	135	0		19.22		20.5	0.0
100	PI/2 BPSK	135	69		19.37		20.5	0.0
100	PI/2 BPSK	135	138		19.10		20.5	0.0
100	PI/2 BPSK	270	0		19.28			
100	QPSK	1	1		19.40		20.5	0.0
100	QPSK	1	137		19.36			
100	QPSK	1	271		19.27			
100	QPSK	135	0		19.13		20.5	0.0
100	QPSK	135	69		19.35		20.5	0.0
100	QPSK	135	138		19.29		20.5	0.0
100	QPSK	270	0		19.32			
100	16QAM	1	1		19.24		20.5	0.0
100	64QAM	1	1		19.25		20.5	0.0
100	256QAM	1	1		19.35		20.5	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	19.30	19.21	19.27	20.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	19.13	19.25	19.23	20.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	19.21	19.32	19.14	20.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	19.26	19.39	19.19	20.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	19.31	19.34	19.10	20.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	19.29	19.27	19.17	20.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	19.15	19.22	19.17	20.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	19.24	19.25	19.22	20.5	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	19.26	19.18	19.32	20.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	19.20	19.29	19.30	20.5	0.0

PC3 Part27Q n78 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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		16.10		17.5	0.0
100	PI/2 BPSK	1	137		16.08			
100	PI/2 BPSK	1	271		16.10			
100	PI/2 BPSK	135	0		16.12		17.5	0.0
100	PI/2 BPSK	135	69		16.19		17.5	0.0
100	PI/2 BPSK	135	138		16.00		17.5	0.0
100	PI/2 BPSK	270	0		16.03			
100	QPSK	1	1		16.28		17.5	0.0
100	QPSK	1	137		16.16			
100	QPSK	1	271		16.26			
100	QPSK	135	0		16.20		17.5	0.0
100	QPSK	135	69		16.25		17.5	0.0
100	QPSK	135	138		16.07		17.5	0.0
100	QPSK	270	0		16.19			
100	16QAM	1	1		16.16		17.5	0.0
100	64QAM	1	1		16.13		17.5	0.0
100	256QAM	1	1		16.20		17.5	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	16.18	16.20	16.00	17.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	16.03	16.11	16.05	17.5	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	16.22	16.06	16.16	17.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	16.09	16.10	16.12	17.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	16.07	16.17	16.03	17.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	16.02	16.21	16.04	17.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	16.01	16.13	16.21	17.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	16.18	16.10	16.01	17.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	16.06	16.13	16.19	17.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	16.17	16.24	16.01	17.5	0.0

PC2 Part27Q n78 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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		19.06		20.5	0.0
100	PI/2 BPSK	1	137		19.13			
100	PI/2 BPSK	1	271		19.00			
100	PI/2 BPSK	135	0		19.14		20.5	0.0
100	PI/2 BPSK	135	69		19.20		20.5	0.0
100	PI/2 BPSK	135	138		19.10		20.5	0.0
100	PI/2 BPSK	270	0		19.05			
100	QPSK	1	1		19.25		20.5	0.0
100	QPSK	1	137		19.19			
100	QPSK	1	271		19.19			
100	QPSK	135	0		19.15		20.5	0.0
100	QPSK	135	69		19.23		20.5	0.0
100	QPSK	135	138		19.06		20.5	0.0
100	QPSK	270	0		19.21			
100	16QAM	1	1		19.22		20.5	0.0
100	64QAM	1	1		19.06		20.5	0.0
100	256QAM	1	1		19.08		20.5	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	19.07	19.06	19.17	20.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	19.23	19.09	19.16	20.5	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	19.18	19.05	19.15	20.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	19.10	19.11	19.18	20.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	19.11	19.08	19.20	20.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	19.10	19.23	19.15	20.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	19.21	19.04	19.10	20.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	19.14	19.19	19.13	20.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	19.13	19.04	19.14	20.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	19.01	19.19	19.06	20.5	0.0

PC3 Part27O n77 Ant7 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	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	15.40	15.53	15.29	17.1	0.0
100	PI/2 BPSK	1	137	15.21	15.48	15.20		
100	PI/2 BPSK	1	271	15.32	15.56	15.25		
100	PI/2 BPSK	135	0	15.37	15.28	15.28	17.1	0.0
100	PI/2 BPSK	135	69	15.55	15.51	15.26	17.1	0.0
100	PI/2 BPSK	135	138	15.25	15.49	15.29	17.1	0.0
100	PI/2 BPSK	270	0	15.22	15.31	15.27		
100	QPSK	1	1	15.57	15.73	15.48	17.1	0.0
100	QPSK	1	137	15.29	15.46	15.38		
100	QPSK	1	271	15.44	15.53	15.52		
100	QPSK	135	0	15.13	15.16	15.17	17.1	0.0
100	QPSK	135	69	15.59	15.68	15.52	17.1	0.0
100	QPSK	135	138	15.21	15.14	15.12	17.1	0.0
100	QPSK	270	0	15.14	15.37	15.17		
100	16QAM	1	1	15.46	15.31	15.23	17.1	0.0
100	64QAM	1	1	15.27	15.31	15.27	17.1	0.0
100	256QAM	1	1	15.45	15.50	15.54	17.1	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	15.37	15.57	15.42	17.1	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	15.51	15.55	15.39	17.1	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	15.48	15.71	15.36	17.1	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	15.49	15.66	15.32	17.1	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	15.38	15.57	15.37	17.1	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	15.40	15.68	15.31	17.1	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	15.48	15.58	15.31	17.1	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	15.54	15.66	15.29	17.1	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	15.42	15.70	15.42	17.1	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	15.57	15.67	15.48	17.1	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	18.50	18.46	18.30	20.1	0.0
100	PI/2 BPSK	1	137	18.25	18.39	18.18		
100	PI/2 BPSK	1	271	18.31	18.53	18.32		
100	PI/2 BPSK	135	0	18.43	18.24	18.34	20.1	0.0
100	PI/2 BPSK	135	69	18.50	18.60	18.26	20.1	0.0
100	PI/2 BPSK	135	138	18.23	18.52	18.33	20.1	0.0
100	PI/2 BPSK	270	0	18.18	18.38	18.23		
100	QPSK	1	1	18.51	18.79	18.57	20.1	0.0
100	QPSK	1	137	18.20	18.45	18.40		
100	QPSK	1	271	18.47	18.67	18.64		
100	QPSK	135	0	18.25	18.16	18.27	20.1	0.0
100	QPSK	135	69	18.65	18.71	18.45	20.1	0.0
100	QPSK	135	138	18.17	18.23	18.22	20.1	0.0
100	QPSK	270	0	18.24	18.28	18.14		
100	16QAM	1	1	18.52	18.31	18.26	20.1	0.0
100	64QAM	1	1	18.33	18.26	18.30	20.1	0.0
100	256QAM	1	1	18.59	18.51	18.55	20.1	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	18.53	18.56	18.37	20.1	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	18.52	18.61	18.45	20.1	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	18.45	18.61	18.52	20.1	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	18.50	18.62	18.30	20.1	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	18.55	18.66	18.37	20.1	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	18.55	18.68	18.52	20.1	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	18.58	18.61	18.47	20.1	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	18.57	18.63	18.38	20.1	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	18.45	18.66	18.48	20.1	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	18.58	18.65	18.51	20.1	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		15.59		17.1	0.0
100	PI/2 BPSK	1	137		15.56			
100	PI/2 BPSK	1	271		15.60			
100	PI/2 BPSK	135	0		15.53		17.1	0.0
100	PI/2 BPSK	135	69		15.60		17.1	0.0
100	PI/2 BPSK	135	138		15.63		17.1	0.0
100	PI/2 BPSK	270	0		15.58			
100	QPSK	1	1		15.64		17.1	0.0
100	QPSK	1	137		15.47			
100	QPSK	1	271		15.54			
100	QPSK	135	0		15.47		17.1	0.0
100	QPSK	135	69		15.51		17.1	0.0
100	QPSK	135	138		15.42		17.1	0.0
100	QPSK	270	0		15.53			
100	16QAM	1	1		15.39		17.1	0.0
100	64QAM	1	1		15.41		17.1	0.0
100	256QAM	1	1		15.56		17.1	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	15.62	15.56	15.61	17.1	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	15.45	15.54	15.63	17.1	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	15.50	15.59	15.62	17.1	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	15.56	15.43	15.58	17.1	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	15.56	15.53	15.48	17.1	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	15.42	15.58	15.50	17.1	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	15.59	15.42	15.51	17.1	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	15.50	15.44	15.48	17.1	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	15.53	15.41	15.56	17.1	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	15.49	15.43	15.45	17.1	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		18.52		20.1	0.0
100	PI/2 BPSK	1	137		18.45			
100	PI/2 BPSK	1	271		18.46			
100	PI/2 BPSK	135	0		18.44		20.1	0.0
100	PI/2 BPSK	135	69		18.64		20.1	0.0
100	PI/2 BPSK	135	138		18.61		20.1	0.0
100	PI/2 BPSK	270	0		18.58			
100	QPSK	1	1		18.67		20.1	0.0
100	QPSK	1	137		18.46			
100	QPSK	1	271		18.51			
100	QPSK	135	0		15.44		20.1	0.0
100	QPSK	135	69		18.53		20.1	0.0
100	QPSK	135	138		18.49		20.1	0.0
100	QPSK	270	0		18.43			
100	16QAM	1	1		18.29		20.1	0.0
100	64QAM	1	1		18.30		20.1	0.0
100	256QAM	1	1		18.29		20.1	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	18.37	18.29	18.23	20.1	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	18.36	18.14	18.25	20.1	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	18.29	18.22	18.21	20.1	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	18.40	18.38	18.24	20.1	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	18.43	18.33	18.24	20.1	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	18.40	18.14	18.30	20.1	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	18.33	18.33	18.27	20.1	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	18.29	18.34	18.20	20.1	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	18.31	18.22	18.43	20.1	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	18.34	18.34	18.21	20.1	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		15.46		17.1	0.0
100	PI/2 BPSK	1	137		15.32			
100	PI/2 BPSK	1	271		15.25			
100	PI/2 BPSK	135	0		15.38		17.1	0.0
100	PI/2 BPSK	135	69		15.33		17.1	0.0
100	PI/2 BPSK	135	138		15.51		17.1	0.0
100	PI/2 BPSK	270	0		15.40			
100	QPSK	1	1		15.53		17.1	0.0
100	QPSK	1	137		15.35			
100	QPSK	1	271		15.25			
100	QPSK	135	0		15.20		17.1	0.0
100	QPSK	135	69		15.47		17.1	0.0
100	QPSK	135	138		15.30		17.1	0.0
100	QPSK	270	0		15.43			
100	16QAM	1	1		15.51		17.1	0.0
100	64QAM	1	1		15.41		17.1	0.0
100	256QAM	1	1		15.26		17.1	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	15.32	15.23	15.31	17.1	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	15.24	15.24	15.24	17.1	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	15.21	15.31	15.29	17.1	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	15.22	15.23	15.20	17.1	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	15.24	15.17	15.18	17.1	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	15.27	15.35	15.20	17.1	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	15.38	15.19	15.40	17.1	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	15.35	15.22	15.30	17.1	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	15.21	15.31	15.34	17.1	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	15.28	15.24	15.22	17.1	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		18.33		20.1	0.0
100	PI/2 BPSK	1	137		18.22			
100	PI/2 BPSK	1	271		18.18			
100	PI/2 BPSK	135	0		18.32		20.1	0.0
100	PI/2 BPSK	135	69		18.30		20.1	0.0
100	PI/2 BPSK	135	138		18.50		20.1	0.0
100	PI/2 BPSK	270	0		18.39			
100	QPSK	1	1		18.61		20.1	0.0
100	QPSK	1	137		18.37			
100	QPSK	1	271		18.17			
100	QPSK	135	0		18.16		20.1	0.0
100	QPSK	135	69		18.38		20.1	0.0
100	QPSK	135	138		18.15		20.1	0.0
100	QPSK	270	0		18.49			
100	16QAM	1	1		18.41		20.1	0.0
100	64QAM	1	1		18.20		20.1	0.0
100	256QAM	1	1		18.16		20.1	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	18.31	18.15	18.18	20.1	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	18.27	18.11	18.21	20.1	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	18.18	18.13	18.25	20.1	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	18.16	18.13	18.19	20.1	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	18.14	18.17	18.24	20.1	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	18.31	18.19	18.15	20.1	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	18.17	18.12	18.13	20.1	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	18.33	18.22	18.18	20.1	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	18.20	18.19	18.30	20.1	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	18.13	18.20	18.23	20.1	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		15.55		17.1	0.0
100	PI/2 BPSK	1	137		15.61			
100	PI/2 BPSK	1	271		15.55			
100	PI/2 BPSK	135	0		15.63		17.1	0.0
100	PI/2 BPSK	135	69		15.53		17.1	0.0
100	PI/2 BPSK	135	138		15.44		17.1	0.0
100	PI/2 BPSK	270	0		15.47			
100	QPSK	1	1		15.68		17.1	0.0
100	QPSK	1	137		15.65			
100	QPSK	1	271		15.29			
100	QPSK	135	0		15.50		17.1	0.0
100	QPSK	135	69		15.58		17.1	0.0
100	QPSK	135	138		15.46		17.1	0.0
100	QPSK	270	0		15.60			
100	16QAM	1	1		15.29		17.1	0.0
100	64QAM	1	1		15.54		17.1	0.0
100	256QAM	1	1		15.37		17.1	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	15.32	15.31	15.30	17.1	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	15.51	15.27	15.42	17.1	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	15.31	15.37	15.37	17.1	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	15.41	15.42	15.40	17.1	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	15.42	15.34	15.45	17.1	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	15.35	15.32	15.28	17.1	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	15.34	15.26	15.42	17.1	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	15.33	15.26	15.32	17.1	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	15.46	15.46	15.28	17.1	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	15.34	15.42	15.33	17.1	0.0

PC2 Part27Q n78 Ant7 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		18.50		20.1	0.0
100	PI/2 BPSK	1	137		18.54			
100	PI/2 BPSK	1	271		18.51			
100	PI/2 BPSK	135	0		18.53		20.1	0.0
100	PI/2 BPSK	135	69		18.53		20.1	0.0
100	PI/2 BPSK	135	138		18.50		20.1	0.0
100	PI/2 BPSK	270	0		18.52			
100	QPSK	1	1		18.56		20.1	0.0
100	QPSK	1	137		18.52			
100	QPSK	1	271		18.39			
100	QPSK	135	0		18.49		20.1	0.0
100	QPSK	135	69		18.52		20.1	0.0
100	QPSK	135	138		18.50		20.1	0.0
100	QPSK	270	0		18.49			
100	16QAM	1	1		18.36		20.1	0.0
100	64QAM	1	1		18.53		20.1	0.0
100	256QAM	1	1		18.28		20.1	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	18.28	18.12	20.1	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	18.23	18.31	18.13	20.1	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	18.31	18.32	18.14	20.1	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	18.15	18.30	18.16	20.1	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	18.33	18.20	18.30	20.1	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	18.22	18.14	18.14	20.1	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	18.33	18.19	18.23	20.1	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	18.25	18.25	18.19	20.1	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	18.26	18.17	18.13	20.1	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	18.25	18.23	18.31	20.1	0.0

PC3 Part27O n77 Ant8 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	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	14.88	15.04	14.96		
100	PI/2 BPSK	1	137	14.82	14.93	14.96	16.5	0.0
100	PI/2 BPSK	1	271	14.73	14.77	14.69		
100	PI/2 BPSK	135	0	15.00	14.98	14.89	16.5	0.0
100	PI/2 BPSK	135	69	14.92	14.94	14.93	16.5	0.0
100	PI/2 BPSK	135	138	14.83	14.86	14.99	16.5	0.0
100	PI/2 BPSK	270	0	14.92	14.77	15.12		
100	QPSK	1	1	15.09	15.13	15.06		
100	QPSK	1	137	14.81	14.84	14.77	16.5	0.0
100	QPSK	1	271	14.89	14.75	14.78		
100	QPSK	135	0	14.85	14.95	14.86	16.5	0.0
100	QPSK	135	69	14.97	15.08	15.01	16.5	0.0
100	QPSK	135	138	15.07	15.01	15.04	16.5	0.0
100	QPSK	270	0	14.95	15.05	14.91		
100	16QAM	1	1	14.87	14.85	14.88	16.5	0.0
100	64QAM	1	1	14.91	14.98	14.84	16.5	0.0
100	256QAM	1	1	14.95	14.94	14.81	16.5	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	15.09	14.92	15.06	16.5	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	15.10	14.98	15.02	16.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	15.03	15.00	14.89	16.5	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	15.05	14.94	14.87	16.5	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	14.90	15.01	14.89	16.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	14.88	14.97	14.93	16.5	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	14.99	14.91	15.05	16.5	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	15.08	15.06	15.06	16.5	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	15.07	14.93	14.86	16.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	14.94	15.08	14.90	16.5	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	18.04	18.00	18.09		
100	PI/2 BPSK	1	137	17.93	17.87	18.05	19.5	0.0
100	PI/2 BPSK	1	271	17.97	17.79	17.84		
100	PI/2 BPSK	135	0	18.00	17.96	17.96	19.5	0.0
100	PI/2 BPSK	135	69	18.09	18.15	18.09	19.5	0.0
100	PI/2 BPSK	135	138	17.98	17.97	18.04	19.5	0.0
100	PI/2 BPSK	270	0	17.99	17.79	18.18		
100	QPSK	1	1	18.19	18.20	18.17		
100	QPSK	1	137	17.92	17.87	17.76	19.5	0.0
100	QPSK	1	271	18.07	17.95	17.84		
100	QPSK	135	0	17.94	18.03	18.02	19.5	0.0
100	QPSK	135	69	18.06	18.15	18.04	19.5	0.0
100	QPSK	135	138	18.08	18.10	18.02	19.5	0.0
100	QPSK	270	0	18.02	18.09	17.98		
100	16QAM	1	1	18.04	17.91	17.92	19.5	0.0
100	64QAM	1	1	18.10	18.03	18.04	19.5	0.0
100	256QAM	1	1	18.05	18.05	18.00	19.5	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	18.06	18.00	18.16	19.5	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	17.98	18.16	17.95	19.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	18.09	18.08	18.15	19.5	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	18.08	18.00	18.09	19.5	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	18.14	18.02	17.97	19.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	18.16	18.12	18.06	19.5	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	18.17	18.05	18.08	19.5	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	18.04	18.15	18.15	19.5	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	18.14	18.17	18.00	19.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	18.18	18.15	18.10	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		15.02		16.5	0.0
100	PI/2 BPSK	1	137		14.89			
100	PI/2 BPSK	1	271		14.75			
100	PI/2 BPSK	135	0		14.93		16.5	0.0
100	PI/2 BPSK	135	69		14.83		16.5	0.0
100	PI/2 BPSK	135	138		14.72		16.5	0.0
100	PI/2 BPSK	270	0		14.67			
100	QPSK	1	1		15.06		16.5	0.0
100	QPSK	1	137		14.73			
100	QPSK	1	271		14.57			
100	QPSK	135	0		14.92		16.5	0.0
100	QPSK	135	69		14.97		16.5	0.0
100	QPSK	135	138		14.87		16.5	0.0
100	QPSK	270	0		14.91			
100	16QAM	1	1		14.76		16.5	0.0
100	64QAM	1	1		14.80		16.5	0.0
100	256QAM	1	1		14.79		16.5	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	14.95	15.03	14.80	16.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	14.83	14.88	14.81	16.5	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	14.90	14.85	14.95	16.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	14.83	14.95	15.00	16.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	14.90	14.85	14.85	16.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	14.92	14.98	15.03	16.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	14.83	14.99	14.91	16.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	14.93	14.97	15.01	16.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	14.88	15.00	14.87	16.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	14.81	15.05	14.91	16.5	0.0

PC2 Part27Q n77 Ant8 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		17.75		19.5	0.0
100	PI/2 BPSK	1	137		17.72			
100	PI/2 BPSK	1	271		17.70			
100	PI/2 BPSK	135	0		17.79		19.5	0.0
100	PI/2 BPSK	135	69		17.81		19.5	0.0
100	PI/2 BPSK	135	138		17.84		19.5	0.0
100	PI/2 BPSK	270	0		17.60			
100	QPSK	1	1		17.95		19.5	0.0
100	QPSK	1	137		17.60			
100	QPSK	1	271		17.66			
100	QPSK	135	0		17.91		19.5	0.0
100	QPSK	135	69		17.92		19.5	0.0
100	QPSK	135	138		17.83		19.5	0.0
100	QPSK	270	0		17.91			
100	16QAM	1	1		17.74		19.5	0.0
100	64QAM	1	1		17.74		19.5	0.0
100	256QAM	1	1		17.94		19.5	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	17.87	17.91	17.69	19.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	17.87	17.94	17.83	19.5	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	17.72	17.85	17.80	19.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	17.86	17.84	17.77	19.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	17.69	17.83	17.82	19.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	17.88	17.90	17.83	19.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	17.73	17.75	17.90	19.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	17.89	17.92	17.72	19.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	17.91	17.77	17.68	19.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	17.81	17.88	17.69	19.5	0.0

PC3 Part27O n78 Ant8 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		15.79		17.5	0.0
100	PI/2 BPSK	1	137		15.54			
100	PI/2 BPSK	1	271		15.76			
100	PI/2 BPSK	135	0		15.73		17.5	0.0
100	PI/2 BPSK	135	69		15.84		17.5	0.0
100	PI/2 BPSK	135	138		15.74		17.5	0.0
100	PI/2 BPSK	270	0		15.64			
100	QPSK	1	1		15.96		17.5	0.0
100	QPSK	1	137		15.74			
100	QPSK	1	271		15.60			
100	QPSK	135	0		15.74		17.5	0.0
100	QPSK	135	69		15.91		17.5	0.0
100	QPSK	135	138		15.72		17.5	0.0
100	QPSK	270	0		15.88			
100	16QAM	1	1		15.77		17.5	0.0
100	64QAM	1	1		15.72		17.5	0.0
100	256QAM	1	1		15.76		17.5	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	15.86	15.77	15.82	17.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	15.84	15.74	15.87	17.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	15.80	15.88	15.87	17.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	15.76	15.85	15.66	17.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	15.82	15.82	15.88	17.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	15.85	15.89	15.77	17.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	15.69	15.88	15.70	17.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	15.81	15.93	15.78	17.5	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	15.69	15.93	15.86	17.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	15.86	15.87	15.83	17.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		18.79		20.5	0.0
100	PI/2 BPSK	1	137		18.79			
100	PI/2 BPSK	1	271		18.76			
100	PI/2 BPSK	135	0		18.91		20.5	0.0
100	PI/2 BPSK	135	69		18.81		20.5	0.0
100	PI/2 BPSK	135	138		18.74		20.5	0.0
100	PI/2 BPSK	270	0		18.87			
100	QPSK	1	1		18.92		20.5	0.0
100	QPSK	1	137		18.77			
100	QPSK	1	271		18.80			
100	QPSK	135	0		18.62		20.5	0.0
100	QPSK	135	69		18.87		20.5	0.0
100	QPSK	135	138		18.75		20.5	0.0
100	QPSK	270	0		18.82			
100	16QAM	1	1		18.85		20.5	0.0
100	64QAM	1	1		18.70		20.5	0.0
100	256QAM	1	1		18.62		20.5	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	18.87	18.87	18.79	20.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	18.79	18.77	18.79	20.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	18.91	18.86	18.67	20.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	18.72	18.72	18.63	20.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	18.74	18.87	18.58	20.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	18.80	18.84	18.57	20.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	18.83	18.84	18.73	20.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	18.72	18.71	18.59	20.5	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	18.72	18.82	18.74	20.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	18.74	18.78	18.58	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		15.71		17.5	0.0
100	PI/2 BPSK	1	137		15.71			
100	PI/2 BPSK	1	271		15.78			
100	PI/2 BPSK	135	0		15.80		17.5	0.0
100	PI/2 BPSK	135	69		15.73		17.5	0.0
100	PI/2 BPSK	135	138		15.75		17.5	0.0
100	PI/2 BPSK	270	0		15.70			
100	QPSK	1	1		15.81		17.5	0.0
100	QPSK	1	137		15.58			
100	QPSK	1	271		15.67			
100	QPSK	135	0		15.61		17.5	0.0
100	QPSK	135	69		15.78		17.5	0.0
100	QPSK	135	138		15.67		17.5	0.0
100	QPSK	270	0		15.75			
100	16QAM	1	1		15.71		17.5	0.0
100	64QAM	1	1		15.64		17.5	0.0
100	256QAM	1	1		15.66		17.5	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	15.61	15.69	15.51	17.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	15.61	15.78	15.55	17.5	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	15.56	15.78	15.71	17.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	15.55	15.65	15.73	17.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	15.56	15.71	15.57	17.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	15.54	15.63	15.70	17.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	15.63	15.79	15.67	17.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	15.57	15.60	15.60	17.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	15.61	15.78	15.52	17.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	15.67	15.62	15.68	17.5	0.0

PC2 Part27Q n78 Ant8 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		18.79		20.5	0.0
100	PI/2 BPSK	1	137		18.63			
100	PI/2 BPSK	1	271		18.85			
100	PI/2 BPSK	135	0		18.78		20.5	0.0
100	PI/2 BPSK	135	69		18.68		20.5	0.0
100	PI/2 BPSK	135	138		18.80		20.5	0.0
100	PI/2 BPSK	270	0		18.84			
100	QPSK	1	1		18.88		20.5	0.0
100	QPSK	1	137		18.66			
100	QPSK	1	271		18.80			
100	QPSK	135	0		18.66		20.5	0.0
100	QPSK	135	69		18.85		20.5	0.0
100	QPSK	135	138		18.66		20.5	0.0
100	QPSK	270	0		18.76			
100	16QAM	1	1		18.80		20.5	0.0
100	64QAM	1	1		18.71		20.5	0.0
100	256QAM	1	1		18.70		20.5	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	18.70	18.76	18.68	20.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	18.63	18.68	18.57	20.5	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	18.65	18.75	18.66	20.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	18.67	18.79	18.54	20.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	18.73	18.87	18.54	20.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	18.77	18.79	18.74	20.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	18.60	18.70	18.69	20.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	18.64	18.75	18.65	20.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	18.64	18.72	18.73	20.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	18.67	18.85	18.55	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				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	15.46	15.52	15.21	16.5	0.0
100	PI/2 BPSK	1	137	15.43	15.61	15.21		
100	PI/2 BPSK	1	271	15.57	15.63	15.11		
100	PI/2 BPSK	135	0	15.24	15.58	15.07	16.5	0.0
100	PI/2 BPSK	135	69	15.51	15.68	15.03	16.5	0.0
100	PI/2 BPSK	135	138	15.59	15.56	15.01	16.5	0.0
100	PI/2 BPSK	270	0	15.30	15.52	14.89		
100	QPSK	1	1	15.64	15.69	15.19	16.5	0.0
100	QPSK	1	137	15.39	15.55	14.93		
100	QPSK	1	271	15.60	15.67	15.12		
100	QPSK	135	0	15.36	15.57	14.91	16.5	0.0
100	QPSK	135	69	15.55	15.61	15.18	16.5	0.0
100	QPSK	135	138	15.38	15.56	15.03	16.5	0.0
100	QPSK	270	0	15.40	15.50	15.08		
100	16QAM	1	1	15.32	15.57	15.02	16.5	0.0
100	64QAM	1	1	15.29	15.53	15.04	16.5	0.0
100	256QAM	1	1	15.37	15.51	15.02	16.5	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	15.45	15.59	15.09	16.5	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	15.48	15.63	15.04	16.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	15.62	15.56	14.99	16.5	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	15.61	15.58	15.05	16.5	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	15.65	15.65	15.05	16.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	15.44	15.52	15.16	16.5	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	15.52	15.61	15.04	16.5	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	15.61	15.68	15.12	16.5	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	15.47	15.20	16.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	15.50	15.62	15.16	16.5	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	18.44	18.48	18.21	19.5	0.0
100	PI/2 BPSK	1	137	18.49	18.58	18.07		
100	PI/2 BPSK	1	271	18.50	18.42	18.17		
100	PI/2 BPSK	135	0	18.41	18.40	18.11	19.5	0.0
100	PI/2 BPSK	135	69	18.27	18.29	18.17	19.5	0.0
100	PI/2 BPSK	135	138	18.24	18.33	18.28	19.5	0.0
100	PI/2 BPSK	270	0	18.46	18.40	18.25		
100	QPSK	1	1	18.51	18.59	18.43	19.5	0.0
100	QPSK	1	137	18.48	18.49	18.17		
100	QPSK	1	271	18.33	18.50	18.09		
100	QPSK	135	0	18.19	18.31	18.10	19.5	0.0
100	QPSK	135	69	18.30	18.58	18.21	19.5	0.0
100	QPSK	135	138	18.31	18.27	18.04	19.5	0.0
100	QPSK	270	0	18.26	18.56	18.09		
100	16QAM	1	1	18.32	18.42	18.09	19.5	0.0
100	64QAM	1	1	18.37	18.35	18.14	19.5	0.0
100	256QAM	1	1	17.35	17.39	17.01	18.5	1.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	18.43	18.56	18.14	19.5	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	18.46	18.55	18.42	19.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	18.48	18.50	18.11	19.5	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	18.50	18.45	18.11	19.5	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	18.51	18.40	18.08	19.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	18.55	18.53	18.05	19.5	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	18.52	18.49	18.01	19.5	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	18.48	18.47	18.01	19.5	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	18.49	18.46	18.09	19.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	18.47	18.45	18.09	19.5	0.0

PC3 Part27Q n77 Ant10 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		15.39		16.5	0.0
100	PI/2 BPSK	1	137		15.25			
100	PI/2 BPSK	1	271		15.22			
100	PI/2 BPSK	135	0		15.22		16.5	0.0
100	PI/2 BPSK	135	69		15.31		16.5	0.0
100	PI/2 BPSK	135	138		15.27		16.5	0.0
100	PI/2 BPSK	270	0		15.16			
100	QPSK	1	1		15.47		16.5	0.0
100	QPSK	1	137		15.41			
100	QPSK	1	271		15.41			
100	QPSK	135	0		15.41		16.5	0.0
100	QPSK	135	69		15.44		16.5	0.0
100	QPSK	135	138		15.35		16.5	0.0
100	QPSK	270	0		15.38			
100	16QAM	1	1		15.42		16.5	0.0
100	64QAM	1	1		15.31		16.5	0.0
100	256QAM	1	1		15.30		16.5	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	15.23	15.23	15.26	16.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	15.39	15.17	15.32	16.5	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	15.36	15.33	15.15	16.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	15.27	15.19	15.27	16.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	15.41	15.12	15.23	16.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	15.33	15.29	15.25	16.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	15.29	15.13	15.14	16.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	15.28	15.11	15.21	16.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	15.36	15.27	15.25	16.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	15.20	15.34	15.15	16.5	0.0

PC2 Part27Q n77 Ant10 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		18.27		19.5	0.0
100	PI/2 BPSK	1	137		18.34			
100	PI/2 BPSK	1	271		18.46			
100	PI/2 BPSK	135	0		18.16		19.5	0.0
100	PI/2 BPSK	135	69		18.41		19.5	0.0
100	PI/2 BPSK	135	138		18.30		19.5	0.0
100	PI/2 BPSK	270	0		18.13			
100	QPSK	1	1		18.63		19.5	0.0
100	QPSK	1	137		18.43			
100	QPSK	1	271		18.34			
100	QPSK	135	0		18.54		19.5	0.0
100	QPSK	135	69		18.55		19.5	0.0
100	QPSK	135	138		18.36		19.5	0.0
100	QPSK	270	0		18.46			
100	16QAM	1	1		18.45		19.5	0.0
100	64QAM	1	1		18.28		19.5	0.0
100	256QAM	1	1		17.36		18.5	1.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	18.25	18.29	18.31	19.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	18.37	18.24	18.36	19.5	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	18.36	18.24	18.25	19.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	18.25	18.31	18.40	19.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	18.27	18.36	18.29	19.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	18.33	18.17	18.44	19.5	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	18.30	18.33	19.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	18.34	18.23	18.44	19.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	18.45	18.35	18.42	19.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	18.38	18.19	18.26	19.5	0.0

PC3 Part27O n78 Ant10 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		14.19		15.5	0.0
100	PI/2 BPSK	1	137		14.31			
100	PI/2 BPSK	1	271		14.17			
100	PI/2 BPSK	135	0		14.18		15.5	0.0
100	PI/2 BPSK	135	69		14.18		15.5	0.0
100	PI/2 BPSK	135	138		14.23		15.5	0.0
100	PI/2 BPSK	270	0		14.24			
100	QPSK	1	1		14.53		15.5	0.0
100	QPSK	1	137		14.36			
100	QPSK	1	271		14.35			
100	QPSK	135	0		14.39		15.5	0.0
100	QPSK	135	69		14.44		15.5	0.0
100	QPSK	135	138		14.41		15.5	0.0
100	QPSK	270	0		14.39			
100	16QAM	1	1		14.50		15.5	0.0
100	64QAM	1	1		14.15		15.5	0.0
100	256QAM	1	1		14.22		15.5	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	14.19	14.10	14.27	15.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	14.19	14.23	14.13	15.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	14.38	14.12	14.11	15.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	14.22	14.15	14.21	15.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	14.32	14.13	14.16	15.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	14.24	14.13	14.32	15.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	14.19	14.27	14.26	15.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	14.16	14.25	14.26	15.5	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	14.36	14.23	14.10	15.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	14.21	14.25	14.30	15.5	0.0

PC2 Part27O n78 Ant10 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				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		17.46		18.5	0.0
100	PI/2 BPSK	1	137		17.51			
100	PI/2 BPSK	1	271		17.46			
100	PI/2 BPSK	135	0		17.20		18.5	0.0
100	PI/2 BPSK	135	69		17.25		18.5	0.0
100	PI/2 BPSK	135	138		17.39		18.5	0.0
100	PI/2 BPSK	270	0		17.40			
100	QPSK	1	1		17.64		18.5	0.0
100	QPSK	1	137		17.53			
100	QPSK	1	271		17.50			
100	QPSK	135	0		17.38		18.5	0.0
100	QPSK	135	69		17.49		18.5	0.0
100	QPSK	135	138		17.38		18.5	0.0
100	QPSK	270	0		17.41			
100	16QAM	1	1		17.29		18.5	0.0
100	64QAM	1	1		17.31		18.5	0.0
100	256QAM	1	1		17.29		18.5	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	17.30	17.23	17.30	18.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	17.20	17.28	17.12	18.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	17.20	17.22	17.28	18.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	17.20	17.36	17.13	18.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	17.35	17.35	17.22	18.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	17.23	17.20	17.15	18.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	17.33	17.28	17.15	18.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	17.37	17.38	17.20	18.5	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	17.29	17.32	17.16	18.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	17.29	17.26	17.32	18.5	0.0

PC3 Part27Q n78 Ant10 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		14.45		15.5	0.0
100	PI/2 BPSK	1	137		14.23			
100	PI/2 BPSK	1	271		14.38			
100	PI/2 BPSK	135	0		14.41		15.5	0.0
100	PI/2 BPSK	135	69		14.33		15.5	0.0
100	PI/2 BPSK	135	138		14.40		15.5	0.0
100	PI/2 BPSK	270	0		14.42			
100	QPSK	1	1		14.58		15.5	0.0
100	QPSK	1	137		14.53			
100	QPSK	1	271		14.29			
100	QPSK	135	0		14.32		15.5	0.0
100	QPSK	135	69		14.52		15.5	0.0
100	QPSK	135	138		14.45		15.5	0.0
100	QPSK	270	0		14.47			
100	16QAM	1	1		14.51		15.5	0.0
100	64QAM	1	1		14.36		15.5	0.0
100	256QAM	1	1		14.31		15.5	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	14.23	14.08	14.23	15.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	14.19	14.09	14.21	15.5	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	14.16	14.09	14.20	15.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	14.25	14.04	14.19	15.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	14.09	14.21	14.22	15.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	14.10	14.18	14.13	15.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	14.06	14.16	14.07	15.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	14.19	14.21	14.14	15.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	14.20	14.17	14.21	15.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	14.17	14.07	14.19	15.5	0.0

PC2 Part27Q n78 Ant10 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		17.11		18.5	0.0
100	PI/2 BPSK	1	137		17.29			
100	PI/2 BPSK	1	271		17.19			
100	PI/2 BPSK	135	0		17.19		18.5	0.0
100	PI/2 BPSK	135	69		17.19		18.5	0.0
100	PI/2 BPSK	135	138		17.18		18.5	0.0
100	PI/2 BPSK	270	0		17.23			
100	QPSK	1	1		17.41		18.5	0.0
100	QPSK	1	137		17.19			
100	QPSK	1	271		17.13			
100	QPSK	135	0		17.14		18.5	0.0
100	QPSK	135	69		17.29		18.5	0.0
100	QPSK	135	138		17.27		18.5	0.0
100	QPSK	270	0		17.31			
100	16QAM	1	1		17.34		18.5	0.0
100	64QAM	1	1		17.27		18.5	0.0
100	256QAM	1	1		17.14		18.5	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	17.00	17.08	17.19	18.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	17.10	17.04	17.16	18.5	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	17.09	17.01	17.32	18.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	17.01	16.99	17.11	18.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	17.02	17.08	17.13	18.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	17.09	16.98	17.21	18.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	17.01	16.96	17.17	18.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	17.04	16.98	17.12	18.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	16.98	16.95	17.18	18.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	16.99	17.08	17.11	18.5	0.0

WIFI&Blutooth Power

Ant 9+10 Full power&Extremity						Head Standalone		Head Simultaneous		Hotspot&Body worn 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 %
2.4GHz WLAN	802.11b 1Mbps	1	2412	21.71	23.00	16.63	18.50	12.25	14.00	18.71	20.50	98.29
		6	2437	21.67	23.00	16.68	18.50	12.29	14.00	18.66	20.50	
		11	2462	21.85	23.00	16.71	18.50	12.35	14.00	18.91	20.50	
	802.11g 6Mbps	1	2412	20.76	22.00	Not Required	18.50	Not Required	14.00	Not Required	20.50	98.77
		6	2437	21.79	23.00		18.50		14.00		20.50	
		11	2462	21.40	22.50		18.50		14.00		20.50	
	802.11n-HT20 MCS0	1	2412	19.55	20.50		18.50		14.00		20.50	100
		6	2437	21.81	23.00		18.50		14.00		20.50	
		11	2462	19.76	21.00		18.50		14.00		20.50	
	802.11n-HT40 MCS0	3	2422	21.51	23.00		18.50		14.00		20.50	100
		6	2437	21.56	22.50		18.50		14.00		20.50	
		9	2452	21.51	22.50		18.50		14.00		20.50	
	802.11ax-HE20 MCS0	1	2412	19.62	21.00		18.50		14.00		20.50	100
		6	2437	21.84	23.00		18.50		14.00		20.50	
		11	2462	19.84	21.00		18.50		14.00		20.50	
	802.11ax-HE40 MCS0	3	2422	20.36	21.50		18.50		14.00		20.50	100
		6	2437	20.90	22.00		18.50		14.00		20.50	
		9	2452	20.94	22.00		18.50		14.00		20.50	

Ant 9+11 Full power&Extremity						Head Standalone		Head Simultaneous		Hotspot&Body worn 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 %
5.2GHz WLAN	802.11a 6Mbps	36	5180	21.19	22.00	Not Required	20.50	Not Required	16.00	Not Required	21.00	99.45
		40	5200	21.15	22.00		20.50		16.00		21.00	
		44	5220	20.96	22.00		20.50		16.00		21.00	
		48	5240	20.92	22.00		20.50		16.00		21.00	
	802.11n-HT20 MCS0	36	5180	20.85	22.00		20.50		16.00		21.00	100
		40	5200	20.87	22.00		20.50		16.00		21.00	
		44	5220	20.76	22.00		20.50		16.00		21.00	
		48	5240	20.60	22.00		20.50		16.00		21.00	
	802.11n-HT40 MCS0	38	5190	20.51	21.50		20.50		16.00		21.00	100
		46	5230	20.39	21.50		20.50		16.00		21.00	
	802.11ac-VHT20 MCS0	36	5180	20.94	22.00		20.50		16.00		21.00	100
		40	5200	20.96	22.00		20.50		16.00		21.00	
		44	5220	20.83	22.00		20.50		16.00		21.00	
		48	5240	20.67	22.00		20.50		16.00		21.00	
	802.11ac-VHT40 MCS0	38	5190	20.52	21.50		20.50		16.00		21.00	100
		46	5230	20.44	21.50		20.50		16.00		21.00	
	802.11ac-VHT80 MCS0	42	5210	18.75	20.00		20.00	14.76	16.00		20.00	100
	802.11ax-HE20 MCS0	36	5180	20.99	22.00		20.50	Not Required	16.00		21.00	100
		40	5200	21.02	22.00		20.50		16.00		21.00	
		44	5220	20.89	22.00		20.50		16.00		21.00	
		48	5240	20.72	22.00		20.50		16.00		21.00	
	802.11ax-HE40 MCS0	38	5190	19.91	21.00		20.50		16.00		21.00	100
		46	5230	19.83	21.00		20.50		16.00		21.00	
	802.11ax-HE80 MCS0	42	5210	19.74	21.00	19.22	20.50		16.00	19.74	21.00	100

Ant 9+11 Full power&Extremity						Head Standalone		Head Simultaneous		Body worn 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	20.97	22.00	Not Required	20.50	Not Required	16.00	Not Required	21.00	99.45
		56	5280	20.97	22.00		20.50		16.00		21.00	
		60	5300	20.98	22.00		20.50		16.00		21.00	
		64	5320	20.88	22.00		20.50		16.00		21.00	
	802.11n-HT20 MCS0	52	5260	20.69	22.00		20.50		16.00		21.00	100
		56	5280	20.66	22.00		20.50		16.00		21.00	
		60	5300	20.70	22.00		20.50		16.00		21.00	
		64	5320	20.56	22.00		20.50		16.00		21.00	
	802.11n-HT40 MCS0	54	5270	20.37	21.50		20.50		16.00		21.00	100
		62	5310	20.38	21.50		20.50		16.00		21.00	
	802.11ac-VHT20 MCS0	52	5260	20.76	22.00		20.50		16.00		21.00	100
		56	5280	20.79	22.00		20.50		16.00		21.00	
		60	5300	20.76	22.00		20.50		16.00		21.00	
		64	5320	20.67	22.00		20.50		16.00		21.00	
	802.11ac-VHT40 MCS0	54	5270	20.43	21.50		20.50		16.00		21.00	100
		62	5310	20.44	21.50		20.50		16.00		21.00	
	802.11ac-VHT80 MCS0	58	5290	18.73	19.50		19.50	14.86	16.00		19.50	100
	802.11ac-VHT160 MCS0	50	5250	19.12	20.50		20.50		16.00		20.50	100
	802.11ax-HE20 MCS0	52	5260	20.82	22.00		20.50		16.00		21.00	100
		56	5280	20.84	22.00		20.50		16.00		21.00	
		60	5300	20.80	22.00		20.50		16.00		21.00	
		64	5320	20.72	22.00		20.50		16.00		21.00	
	802.11ax-HE40 MCS0	54	5270	19.83	21.00		20.50		16.00		21.00	100
		62	5310	19.81	21.00		20.50		16.00		21.00	
	802.11ax-HE80 MCS0	58	5290	19.72	21.00	19.30	20.50		16.00	19.72	21.00	100
	802.11ax-HE160 MCS0	50	5250	19.17	20.50	Not Required	20.50		16.00		20.50	100

Ant 9+11 Full power&Extremity						Head Standalone		Head Simultaneous		Body worn 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	20.17	21.50	Not Required	18.50	Not Required	14.00		19.00	99.45
		116	5580	20.42	21.50		18.50		14.00		19.00	
		124	5620	20.18	21.50		18.50		14.00		19.00	
		132	5660	20.04	21.50		18.50		14.00		19.00	
		140	5700	20.10	21.50		18.50		14.00		19.00	
		144	5720	19.97	21.50		18.50		14.00		19.00	
	802.11n-HT20 MCS0	100	5500	19.91	21.00		18.50		14.00		19.00	100
		116	5580	20.02	21.00		18.50		14.00		19.00	
		124	5620	19.86	21.00		18.50		14.00		19.00	
		132	5660	19.78	21.00		18.50		14.00		19.00	
		140	5700	19.75	21.00		18.50		14.00		19.00	
		144	5720	19.70	21.00		18.50		14.00		19.00	
	802.11n-HT40 MCS0	102	5510	19.45	20.50		18.50		14.00		19.00	100
		110	5550	19.48	20.50		18.50		14.00		19.00	
		126	5630	19.27	20.50		18.50		14.00		19.00	
		134	5670	19.25	20.50		18.50		14.00		19.00	
		142	5710	19.27	20.50		18.50		14.00		19.00	
	802.11ac-VHT20 MCS0	100	5500	19.97	21.00		18.50		14.00		19.00	100
		116	5580	20.10	21.00		18.50		14.00		19.00	
		124	5620	19.94	21.00		18.50		14.00		19.00	
		132	5660	19.87	21.00		18.50		14.00		19.00	
		140	5700	19.85	21.00		18.50		14.00		19.00	
		144	5720	19.77	21.00		18.50		14.00		19.00	
	802.11ac-VHT40 MCS0	102	5510	19.48	20.50		18.50		14.00		19.00	100
		110	5550	19.52	20.50		18.50		14.00		19.00	
		126	5630	19.29	20.50		18.50		14.00		19.00	
		134	5670	19.28	20.50		18.50		14.00		19.00	
		142	5710	19.30	20.50		18.50		14.00		19.00	
	802.11ac-VHT80 MCS0	106	5530	18.59	19.50	17.49	18.50	13.19	14.00	18.13	19.00	100
		122	5610	18.34	19.50	17.47	18.50	12.97	14.00	17.91	19.00	
		138	5690	18.35	19.50	17.36	18.50	12.91	14.00	17.86	19.00	
	802.11ac-VHT160 MCS0	114	5570	19.02	20.00	Not Required	18.50	Not Required	14.00		19.00	100
	802.11ax-HE20 MCS0	100	5500	20.01	21.00		18.50		14.00		19.00	100
		116	5580	20.17	21.00		18.50		14.00		19.00	
		124	5620	19.99	21.00		18.50		14.00		19.00	
		132	5660	19.89	21.00		18.50		14.00		19.00	
		140	5700	19.91	21.00		18.50		14.00		19.00	
		144	5720	19.81	21.00		18.50		14.00		19.00	
	802.11ax-HE40 MCS0	102	5510	19.53	20.50		18.50		14.00		19.00	100
		110	5550	19.55	20.50		18.50		14.00		19.00	
		126	5630	19.33	20.50		18.50		14.00		19.00	
		134	5670	19.32	20.50		18.50		14.00		19.00	
		142	5710	19.35	20.50		18.50		14.00		19.00	
	802.11ax-HE80 MCS0	106	5530	19.55	20.50		18.50		14.00		19.00	100
		122	5610	19.39	20.50		18.50		14.00		19.00	
		138	5690	19.34	20.50		18.50		14.00		19.00	
	802.11ax-HE160 MCS0	114	5570	19.08	20.50		18.50		14.00		19.00	100

Ant 9+11 Full power&Extremity						Head Standalone		Head Simultaneous		Hotspot&Body worn 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 %
5.8GHz WLAN	802.11a 6Mbps	149	5745	20.49	21.50	Not Required	18.00	Not Required	13.50		18.50	99.45
		157	5785	20.48	21.50		18.00		13.50		18.50	
		165	5825	20.54	21.50		18.00		13.50		18.50	
	802.11n-HT20 MCS0	149	5745	20.13	21.50		18.00		13.50		18.50	100
		157	5785	20.25	21.50		18.00		13.50		18.50	
		165	5825	20.24	21.50		18.00		13.50		18.50	
	802.11n-HT40 MCS0	151	5755	20.21	21.00		18.00		13.50		18.50	100
		159	5795	19.99	21.00		18.00		13.50		18.50	
	802.11ac-VHT20 MCS0	149	5745	20.25	21.50		18.00		13.50		18.50	100
		157	5785	20.35	21.50		18.00		13.50		18.50	
		165	5825	20.31	21.50		18.00		13.50		18.50	
	802.11ac-VHT40 MCS0	151	5755	20.24	21.00		18.00		13.50		18.50	100
		159	5795	20.02	21.00		18.00		13.50		18.50	
	802.11ac-VHT80 MCS0	155	5775	18.38	19.50	16.79	18.00	12.37	13.50	17.42	18.50	100
	802.11ax-HE20 MCS0	149	5745	20.33	21.50	Not Required	18.00	Not Required	13.50		18.50	100
		157	5785	20.39	21.50		18.00		13.50		18.50	
		165	5825	20.39	21.50		18.00		13.50		18.50	
	802.11ax-HE40 MCS0	151	5755	19.65	20.50		18.00		13.50		18.50	100
		159	5795	19.41	20.50		18.00		13.50		18.50	
	802.11ax-HE80 MCS0	155	5775	19.44	20.50		18.00		13.50		18.50	100

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BR / EDR

Mode	Channel	Frequency (MHz)	Average power (dBm)			Tune-up Limit	Head Simultaneous			
			1Mbps	2Mbps	3Mbps		Average power (dBm)			Tune-up Limit
							1Mbps	2Mbps	3Mbps	
BR / EDR	CH 00	2402	15.29	12.68	12.68	16.50	12.46	11.69	11.64	13.50
	CH 39	2441	15.37	12.72	12.74	16.50	12.59	11.78	11.72	13.50
	CH 78	2480	14.08	11.88	11.73	15.00	12.06	11.54	11.38	13.50

BLE_1M

Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-up Limit
LE	CH 00	2402	6.54	7.50
	CH 19	2440	7.49	8.50
	CH 39	2480	5.71	7.00

BLE_2M

Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-up Limit
LE	CH 00	2402	6.26	7.50
	CH 19	2440	6.70	7.50
	CH 39	2480	5.33	6.50

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BR / EDR

Mode	Channel	Frequency (MHz)	Average power (dBm)			Tune-up Limit	Head Simultaneous			
			1Mbps	2Mbps	3Mbps		Average power (dBm)			Tune-up Limit
							1Mbps	2Mbps	3Mbps	
BR / EDR	CH 00	2402	17.18	15.03	14.94	18.00	10.83	10.69	10.54	12.00
	CH 39	2441	16.53	13.79	13.83	17.50	10.94	10.74	10.68	12.00
	CH 78	2480	15.44	12.81	12.90	16.50	10.67	10.61	10.49	12.00

BLE_1M

Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-up Limit
LE	CH 00	2402	7.08	8.00
	CH 19	2440	6.68	7.50
	CH 39	2480	4.76	6.00

BLE_2M

Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-up Limit
LE	CH 00	2402	6.06	7.00
	CH 19	2440	5.77	7.00
	CH 39	2480	4.14	5.00